

2003 CONSUMER EXPENDITURE INTERVIEW SURVEY  
PUBLIC USE MICRODATA  
DOCUMENTATION

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## I. INTRODUCTION

The Consumer Expenditure Survey (CE) program provides a continuous and comprehensive flow of data on the buying habits of American consumers. These data are used widely in economic research and analysis, and in support of revisions of the Consumer Price Index. To meet the needs of users, the Bureau of Labor Statistics (BLS) produces population estimates for consumer units (CUs) of average expenditures in news releases, reports, issues, and articles in the Monthly Labor Review. Tabulated CE data are also available on the Internet and by facsimile transmission (See Section XVI. APPENDIX 5). The microdata are available on CD-ROMs.

These microdata files present detailed expenditure and income data from the Interview component of the CE for 2003 and the first quarter of 2004. The Interview survey collects data on up to 95 percent of total household expenditures. In addition to the FMLY, MEMB, MTAB, and ITAB files, the microdata include files created directly from the expenditure sections of the Interview survey (EXPN files). The EXPN files contain expenditure data and ancillary descriptive information, often not available on the FMLY or MTAB files, in a format similar to the Interview questionnaire. In addition to the extra information available on the EXPN files, users can identify distinct spending categories easily and reduce processing time due to the organization of the files by type of expenditure.

Estimates of average expenditures in 2003 from the Interview Survey, integrated with data from the Diary Survey, will be published in the report *Consumer Expenditures in 2003* (due out in 2005). A list of recent publications containing data from the CE appears at the end of this documentation.

The microdata files are in the public domain and, with appropriate credit, may be reproduced without permission. A suggested citation is: "U.S. Department of Labor, Bureau of Labor Statistics, Consumer Expenditure Survey, Interview Survey, 2003."

## II. CHANGES FROM THE 2002 MICRODATA FILES

Beginning in April 2003, Consumer Expenditure Interview Survey data are collected via Computer Assisted Personal Interview (CAPI). The Interview Survey questionnaire, previously collected in a large booklet, is programmed into a laptop computer which is used by a Census Bureau field representative during the interview.

The CAPI questionnaire was developed over several years in a joint effort by the Bureau of Labor Statistics and the Census Bureau. The instrument is programmed in Blaise, a Windows-based survey processing system developed by Statistics Netherlands and licensed by Westat in the United States.

There are several benefits to updating the mode of data collection. For example, the length of the interview is lessened by the use of a computerized questionnaire. Furthermore, the complex structure of the questionnaire (i.e. changes in question order being dependent on the preceding response) is more easily managed by the CAPI system, thus reducing the burden on field representatives. Interviewers also have the ability to incorporate notes throughout the CAPI questionnaire, where they were previously limited to a few blank lines on the paper instrument. In terms of data processing, the use of CAPI generates great efficiency improvements by eliminating the need for keying information that was previously hand-written. The CAPI system also includes built-in range edits for several expenditure items, allowing the field representative to verify reported amounts at the time of collection rather than having data programs perform these edits post-interview. Finally, with the introduction of the CAPI instrument, several wording changes were implemented throughout the Interview Survey, both to streamline some of the more complex sections of the questionnaire and to modernize some of the language (e.g., "Video

tape recorder, video disc player, or video cassette recorder (VCR)” is now “VCRs, DVD players, or laser disc players”).

In addition to the change of instrument, additions and deletions were made as noted below.

## A. FMLY File

### 1. Variable Deletions

**Beginning in 2003Q2**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

<u>Variable name</u>	<u>Variable Description</u>	<u>Start position</u>	<u>Format</u>
ORIGIN1	Origin or ancestry of reference person	599	CHAR(1)
ORIGIN1_		600	CHAR(1)
ORIGIN2	Origin or ancestry of spouse	601	CHAR(1)
ORIGIN2_		602	CHAR(1)
FOODSMPQ	Number of months, during the last 12 months, food stamps received	4674	NUM(2)
FOOD_MPQ		4676	CHAR(1)

*The variables for Origin of Reference Person and spouse are deleted due to new Federal requirements on asking about members origin. Codes for hispanic origin are now contained in the variables HORREF1 and HORREF2. All other codes are no longer reported at the FMLY level.*

*Note: FOODSMPQ is not one of the summary level variables.*

### 2. Variable Additions

**Beginning in 2003Q2**, the FMLY file will contain the following new variables:

<u>Name</u>	<u>Variable Description</u>	<u>Start Position</u>	<u>Format</u>	<u>Source</u>
HORREF1	Hispanic Origin of the Reference Person Coded: 1 Mexican 2 Mexican-American 3 Chicano 4 Puerto Rican 5 Cuban 6 Cuban-American 7 Central or South American 8 Other Hispanic Blank for non-hispanic	4784	CHAR(1)	Control Card
HORREF1_		4785	CHAR(1)	
HORREF2	Hispanic Origin of the spouse Coded same as HORREF1	4786	CHAR(1)	Control Card

Name	Variable Description	Start Position	Format	Source
HORREF2_		4787	CHAR(1)	

*New variables specific to the Hispanic Origin of Reference Person and Spouse. Changes to the coding are due to new Federal requirements for asking about origin of member.*

### 3. Variable content changes

**Beginning in 2003Q2**, changes made to the following variables become applicable.

Variable name	New codes/definitions/descriptions
FAM_TYPE	Codes 5, 6, and 7 now include members with CU_CODE 0.
EARNCOMP	Codes 3-8 now include members with CU_CODE 0.
REF_RACE	Changed or new codes: 3 Native American 4 Asian 5 Pacific Islander 6 Multi-race
RACE2	Changed or new codes: 3 Native American 4 Asian 5 Pacific Islander 6 Multi-race
CUINCOME	Deleted Code: 15 Refused

## B. MEMB File

### 1. Variable Deletions

**Beginning in 2003Q2**, the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Variable name	Variable Description	Start position	Format
ORIGINR	What is the member's ethnic origin or ancestry?	169	CHAR(1)
RACE	What is the race of each person in this CU?	183	CHAR(1)
RACE_		184	CHAR(1)
CU_CODE_		69	CHAR(1)
SEX_		222	CHAR(1)
MARITAL_		148	CHAR(1)

*ORIGINR and RACE were deleted due to new Federal requirements on asking origin and race questions. ORIGINR does not have an associated flag variable.*

*CU\_CODE\_, SEX\_, and MARITAL\_ are all flag variables that will be deleted since all values of these flags will always be 'D'. All CUs will have a value for CU\_CODE, SEX, and MARITAL by design. These flags are unnecessary.*

## 2. Variable additions

**Beginning in 2003Q2**, the MEMB file will contain the following new variables:

Variable name	Variable Description	Start Position	Format	Source
HORIGIN	Are you Hispanic, Latino, or Spanish? Coded: 1 Yes 2 No	312	CHAR(1)	Control Card
HISPANIC	Country of Hispanic Origin Coded: 1 Mexican 2 Mexican-American 3 Chicano 4 Puerto Rican 5 Cuban 6 Cuban-American 7 Central or South American 8 Other Hispanic group not listed Blank for non-hispanic	313	CHAR(1)	Control Card
HISP_NIC		314	CHAR(1)	
MEMBRACE	Race of Member Coded: 1 White 2 Black 3 Native American 4 Asian 5 Pacific Islander 6 Multi-race	315	CHAR(1)	Control Card
RC_WHITE	Race Coded: 1 White	316	CHAR(1)	BLS Derived
RC_W_ITE		317	CHAR(1)	
RC_BLACK	Race Coded: 2 Black	318	CHAR(1)	BLS Derived
RC_B_ACK		319	CHAR(1)	

Variable name	Variable Description	Start Position	Format	Source
RC_NATAM	Race: Coded: 3 Native American	320	CHAR(1)	BLS Derived
RC_N_TAM		321	CHAR(1)	
RC_ASIAN	Race Coded: 4 Asian	322	CHAR(1)	BLS Derived
RC_A_IAN		323	CHAR(1)	
RC_PACIL	Race Coded: 5 Pacific Islander	324	CHAR(1)	BLS Derived
RC_P_CIL		325	CHAR(1)	
RC_OTHER	Race Coded: 6 Other	326	CHAR(1)	BLS Derived
RC_O_HER		327	CHAR(1)	
RC_DK	Race Coded: 7 Don't Know	328	CHAR(1)	BLS Derived
RC_DK_		329	CHAR(1)	
ASIAN	Country of Asian origin (asked only if '4' is entered for MEMBRACE) Coded: 1 Chinese 2 Filipino 3 Japanese 4 Korean 5 Vietnamese 6 Asian Indian 7 Other	330	CHAR(1)	Control Card
ASIAN_		331	CHAR(1)	

*HORIGIN will not have a flag variable.*

*MEMBRACE is derived from RC\_WHITE, RC\_BLACK, RC\_NATAM, RC\_ASIAN, RC\_PACIL, AND RC\_OTHER. Respondents can choose more than one category of race from the previous list.*

### 3. Variable content changes

**Beginning in 2003Q2**, changes made to the following variables become applicable.

Variable name	New codes/definitions/descriptions
CU_CODE	Code change: From '0' = Blank, or illegible entry To '0' = Unmarried partner

## C. MTAB File

PUBFLAG changes:

**Beginning in 2003Q1**, the variable PUBFLAG will be created directly from the file 'Intstub2002.txt' located in the Programs folder on the CD. Changes from previous years will be noted in this file and not in the documentation.

## D. ITAB File

### 1. UCC Deletions

**Beginning in 2003Q2**, the following UCCs will be deleted from the ITAB file.

**980280** Percent non-black reference person

### 2. UCC Additions

**Beginning in 2003Q2**, the ITAB file will contain the following new UCCs.

**980281** Percent white reference person

**980282** Percent Asian reference person

**980283** Percent Other race reference person

**980285** Percent Hispanic or Latino reference person

**980286** Percent non-Hispanic or Latino reference person

### 3. PUBFLAG changes

**Beginning in 2003Q1**, the variable PUBFLAG will be created directly from the file 'Intstub2002.txt' located in the Programs folder on the CD. Changes from previous years will be noted in this file and not in the documentation.

## E. EXPN Files

### 1. APL File

## a. Variable content changes

Beginning in 2003Q2, changes will made to the following variables become applicable:

Variable name	New codes/definitions/descriptions
MAJAPPLQ	New value: Value of "0" now accepted for 'How many of each appliance'

## 2. RNT File

### a. Variable deletions

Beginning in 2003Q2, the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Variable Description	Start Position	Format
RTPMTRG	Were all the payments for the same amount? CODED 1 Yes 2 No S02A/B 2d/1d	29	CHAR(1)
RTPMTRG_		30	CHAR(1)
RTPMTQ	Since the 1st of ( <i>month, 3 months ago</i> ), how many payments have been made? S02A/B 2c/1c	25	NUM(3)
RTPMTQ_		28	CHAR(1)
RTCREXP	Were any payments made during the current month? CODED 1 Yes 2 No S02A/B 2f/1f	31	CHAR(1)
RTCREXP_		32	CHAR(1)
RNTLPRD	What period of time does this rental charge cover? CODED 4 Month 9 Other S02A/B 2b/1b	23	CHAR(1)
RNTLPRD_		24	CHAR(1)

### b. Variable content changes

Beginning in 2003Q2, changes will made to the following variables become applicable:

Variable name	New codes/definitions/descriptions
RTCMPPD	Changed Codes: 1 Month

Variable name	New codes/definitions/descriptions
	2 Other <del>4 Month</del> <del>9 Other</del>

## 2. UTB File

### a. Variable additions

**Beginning in 2003Q2**, the UTB file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
VACUTL1	If VACUTLY = 900, then VACUTL1 will contain the first code mentioned of the multiple items indicated in VACUTLY	35	CHAR(3)	CAPI Section 4
VACUTL1_		38	CHAR(1)	
VACUTL2	Same as VACUTL1, but contains the second item mentioned	39	CHAR(3)	CAPI Section 4
VACUTL2_		42	CHAR(1)	
VACUTL3	Same as VACUTL1, but contains the third item mentioned	43	CHAR(3)	CAPI Section 4
VACUTL3_		46	CHAR(1)	
VACUTL4	Same as VACUTL1, but contains the fourth item mentioned	47	CHAR(3)	CAPI Section 4
VACUTL4_		50	CHAR(1)	
VACUTL5	Same as VACUTL1, but contains the fifth item mentioned	51	CHAR(3)	CAPI Section 4
VACUTL5_		54	CHAR(1)	
VACUTL6	Same as VACUTL1, but contains the sixth item mentioned	55	CHAR(3)	CAPI Section 4
VACUTL6_		58	CHAR(1)	
VACUTL7	Same as VACUTL1, but contains the seventh item mentioned	59	CHAR(3)	CAPI Section 4

Name	Variable Description	Start Position	Format	Source
VACUTL7_		62	CHAR(1)	
VACUTL8	Same as VACUTL1, but contains the eighth item mentioned	63	CHAR(3)	CAPI Section 4
VACUTL8_		66	CHAR(1)	
VACUTL9	Same as VACUTL1, but contains the ninth item mentioned	67	CHAR(3)	CAPI Section 4
VACUTL9_		70	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable.

Variable name	New codes/definitions/descriptions
VACUTLY	<p>New Codes:</p> <p>315 Combined electric, gas, water, sewerage (codes 100, 200, 210)</p> <p>325 Combined electricity, gas, piped-in water, trash/garbage collection and sewerage maintenance (codes 100, 110, 200, 210, 220)</p> <p>335 Combined cable TV/satellite/community antenna and internet connection/computer data services (codes 290, 300)</p> <p>900 Combined Expense (any item in section/part)</p>

## 4. UTC file

### a. Variable deletions

**Beginning in 2003Q2**, the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Variable Description	Start Position	Format
BILUSED	<p>Was a bill or other record used or was an estimate given? Checks or checkbooks are not considered records.</p> <p>CODED</p> <p>1 Records used</p> <p>2 Estimate</p> <p>S 04D 7g</p>	43	CHAR(1)
BILUSED_		44	CHAR(1)

### b. Variable additions

**Beginning in 2003Q2**, the UTC file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
HAVEBILL	Did the respondent use a bill or statement? (Answer No if only checkbook records were used) 1 Yes, bill or statement used 2 No, bill or statement not used.	61	CHAR(1)	CAPI Section 4
HAVE_ILL		62	CHAR(1)	
UTIL1	If UTILY = 900, then UTIL1 will contain the first code mentioned of the multiple items indicated in UTILY	63	CHAR(3)	CAPI Section 4
UTIL1_		66	CHAR(1)	
UTIL2	Same as UTIL1, but contains the second item mentioned	67	CHAR(3)	CAPI Section 4
UTIL2_		70	CHAR(1)	
UTIL3	Same as UTIL1, but contains the third item mentioned	71	CHAR(3)	CAPI Section 4
UTIL3_		74	CHAR(1)	
UTIL4	Same as UTIL1, but contains the fourth item mentioned	75	CHAR(3)	CAPI Section 4
UTIL4_		78	CHAR(1)	
UTIL5	Same as UTIL1, but contains the fifth item mentioned	79	CHAR(3)	CAPI Section 4
UTIL5_		82	CHAR(1)	
UTIL6	Same as UTIL1, but contains the sixth item mentioned	83	CHAR(3)	CAPI Section 4
UTIL6_		86	CHAR(1)	
UTIL7	Same as UTIL1, but contains the seventh item mentioned	87	CHAR(3)	CAPI Section 4
UTIL7_		90	CHAR(1)	
UTIL8	Same as UTIL1, but contains the eighth item mentioned	91	CHAR(3)	CAPI Section 4

Name	Variable Description	Start Position	Format	Source
UTIL8_		94	CHAR(1)	
UTIL9	Same as UTIL1, but contains the ninth item mentioned	95	CHAR(3)	CAPI Section 4
UTIL9_		98	CHAR(1)	

### c. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable.

Variable name	New codes/definitions/descriptions
UTILY	<p>New Codes:</p> <p>315 Combined electric, gas, water, sewerage (codes 100, 110 200, 220)</p> <p>325 Combined electricity, gas, piped-in water, trash/garbage collection and sewerage maintenance (codes 100, 110, 200, 210, 220)</p> <p>335 Combined cable TV/satellite/community antenna and internet connection/computer data services (codes 290, 300)</p> <p>900 Combined Expense (any item in section/part)</p>

## 5. CRA file

### a. Variable additions

**Beginning in 2003Q2**, the CRA file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
CRMCD A1	If CRMCD A1 = 310, then CRMCD A1 will contain the first code mentioned of the multiple items indicated in CRMCD A1	39	CHAR(3)	CAPI Section 5
CRMCD A1_		42	CHAR(1)	
CRMCD A2	Same as CRMCD A1, but contains the second item mentioned	43	CHAR(3)	CAPI Section 5
CRMCD A2_		46	CHAR(1)	
CRMCD A3	Same as CRMCD A1, but contains the third item mentioned	47	CHAR(3)	CAPI Section 5
CRMCD A3_		50	CHAR(1)	
CRMCD A4	Same as CRMCD A1, but contains the fourth item mentioned	51	CHAR(3)	CAPI Section 5
CRMCD A4_		54	CHAR(1)	

Name	Variable Description	Start Position	Format	Source
CRMCD A5	Same as CRMCD A1, but contains the fifth item mentioned	55	CHAR(3)	CAPI Section 5
CRMCD A5_		58	CHAR(1)	
CRMCD A6	Same as CRMCD A1, but contains the sixth item mentioned	59	CHAR(3)	CAPI Section 5
CRMCD A6_		62	CHAR(1)	
CRMCD A7	Same as CRMCD A1, but contains the seventh item mentioned	63	CHAR(3)	CAPI Section 5
CRMCD A7_		66	CHAR(1)	
CRMCD A8	Same as CRMCD A1, but contains the eighth item mentioned	67	CHAR(3)	CAPI Section 5
CRMCD A8_		70	CHAR(1)	
CRMCD A9	Same as CRMCD A1, but contains the ninth item mentioned	71	CHAR(3)	CAPI Section 5
CRMCD A9_		74	CHAR(1)	

## 5. CRB file

### a. Variable additions

**Beginning in 2003Q2**, the CRB file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
QADPSPTX	Total cost of supplies purchased by CU adjusted for business & reimbursement)	220	NUM(8)	CAPI Section 5
QADP_PTX		228	CHAR(1)	
QADTLRX	Total cost of supplies rented by CU (adjusted for business & reimbursement)	229	NUM(8)	CAPI Section 5
QADTLRX_		237	CHAR(1)	
CRMCD B1	If CRMCD E B = 310, then CRMCD A1 will contain the first code mentioned of the multiple items indicated in CRMCD E B	238	CHAR(3)	CAPI Section 5
CRMCD B1_		241	CHAR(1)	
CRMCD B2	Same as CRMCD B1, but contains the second item mentioned	242	CHAR(3)	CAPI Section 5
CRMCD B2_		245	CHAR(1)	
CRMCD B3	Same as CRMCD B1, but contains the third item mentioned	246	CHAR(3)	CAPI Section 5
CRMCD B3_		249	CHAR(1)	

Name	Variable Description	Start Position	Format	Source
CRMCDDB4	Same as CRMCDDB1, but contains the fourth item mentioned	250	CHAR(3)	CAPI Section 5
CRMCDDB4_		253	CHAR(1)	
CRMCDDB5	Same as CRMCDDB1, but contains the fifth item mentioned	254	CHAR(3)	CAPI Section 5
CRMCDDB5_		257	CHAR(1)	
CRMCDDB6	Same as CRMCDDB1, but contains the sixth item mentioned	258	CHAR(3)	CAPI Section 5
CRMCDDB6_		261	CHAR(1)	
CRMCDDB7	Same as CRMCDDB1, but contains the seventh item mentioned	262	CHAR(3)	CAPI Section 5
CRMCDDB7_		265	CHAR(1)	
CRMCDDB8	Same as CRMCDDB1, but contains the eighth item mentioned	266	CHAR(3)	CAPI Section 5
CRMCDDB8_		269	CHAR(1)	
CRMCDDB9	Same as CRMCDDB1, but contains the ninth item mentioned	270	CHAR(3)	CAPI Section 5
CRMCDDB9_		273	CHAR(1)	

## 6. APA file

### a. Variable additions

**Beginning in 2003Q2**, the APA file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
MJAPPL1	If MAJAPPLY = 225, then MJAPPL1 will contain the first code mentioned of the multiple items indicated in MAJAPPLY	53	CHAR(3)	CAPI Section 6
MJAPPL1_		56	CHAR(1)	
MJAPPL2	Same as MJAPPL1, but contains the second item mentioned	57	CHAR(3)	CAPI Section 6
MJAPPL2_		60	CHAR(1)	
MJAPPL3	Same as MJAPPL1, but contains the third item mentioned	61	CHAR(3)	CAPI Section 6
MJAPPL3_		64	CHAR(1)	
MJAPPL4	Same as MJAPPL1, but contains the fourth item mentioned	65	CHAR(3)	CAPI Section 6
MJAPPL4_		68	CHAR(1)	
MJAPPL5	Same as MJAPPL1, but contains the fifth	69	CHAR(3)	CAPI Section 6

Name	Variable Description	Start Position	Format	Source
	item mentioned			
MJAPPL5_		72	CHAR(1)	
MJAPPL6	Same as MJAPPL1, but contains the sixth item mentioned	73	CHAR(3)	CAPI Section 6
MJAPPL6_		76	CHAR(1)	
MJAPPL7	Same as MJAPPL1, but contains the seventh item mentioned	77	CHAR(3)	CAPI Section 6
MJAPPL7_		80	CHAR(1)	
MJAPPL8	Same as MJAPPL1, but contains the eighth item mentioned	81	CHAR(3)	CAPI Section 6
MJAPPL8_		84	CHAR(1)	
MJAPPL9	Same as MJAPPL1, but contains the ninth item mentioned	85	CHAR(3)	CAPI Section 6
MJAPPL9_		88	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
MAJAPPLY	New Codes: 225 Combined clothes washer & Dryer (190, 200)

## 7. APB file

### a. Variable additions

**Beginning in 2003Q2**, the APB file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
MNAPPL1	If MINAPPLY = 900, then MNAPPL1 will contain the first code mentioned of the multiple items indicated in MINAPPLY	44	CHAR(3)	CAPI Section 6
MNAPPL1_		47	CHAR(1)	
MNAPPL2	Same as MNAPPL1, but contains the second item mentioned	48	CHAR(3)	CAPI Section 6
MNAPPL2_		51	CHAR(1)	
MNAPPL3	Same as MNAPPL1, but contains the third item mentioned	52	CHAR(3)	CAPI Section 6
MNAPPL3_		55	CHAR(1)	
MNAPPL4	Same as MNAPPL1, but contains the fourth item mentioned	56	CHAR(3)	CAPI Section 6

Name	Variable Description	Start Position	Format	Source
MNAPPL4_		59	CHAR(1)	
MNAPPL5	Same as MNAPPL1, but contains the fifth item mentioned	60	CHAR(3)	CAPI Section 6
MNAPPL5_		63	CHAR(1)	
MNAPPL6	Same as MNAPPL1, but contains the sixth item mentioned	64	CHAR(3)	CAPI Section 6
MNAPPL6_		67	CHAR(1)	
MNAPPL7	Same as MNAPPL1, but contains the seventh item mentioned	68	CHAR(3)	CAPI Section 6
MNAPPL7_		71	CHAR(1)	
MNAPPL8	Same as MNAPPL1, but contains the eighth item mentioned	72	CHAR(3)	CAPI Section 6
MNAPPL8_		75	CHAR(1)	
MNAPPL9	Same as MNAPPL1, but contains the ninth item mentioned	76	CHAR(3)	CAPI Section 6
MNAPPL9_		79	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
MINAPPLY	New Codes: 900 Combined expense (any item in section/part)

## 8. EQB file

### a. Variable additions

**Beginning in 2003Q2**, the EQB file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
APPRPB1	If APPRPRYB = 900, then APPRPB1 will contain the first code mentioned of the multiple items indicated in APPRPRYB	37	CHAR(3)	CAPI Section 7
APPRPB1_		40	CHAR(1)	
APPRPB2	Same as APPRPB1, but contains the second item mentioned	41	CHAR(3)	CAPI Section 7
APPRPB2_		44	CHAR(1)	
APPRPB3	Same as APPRPB1, but contains the third	45	CHAR(3)	CAPI Section 7

Name	Variable Description	Start Position	Format	Source
	item mentioned			
APPRPB3_		48	CHAR(1)	
APPRPB4	Same as APPRPB1, but contains the fourth item mentioned	49	CHAR(3)	CAPI Section 7
APPRPB4_		52	CHAR(1)	
APPRPB5	Same as APPRPB1, but contains the fifth item mentioned	53	CHAR(3)	CAPI Section 7
APPRPB5_		56	CHAR(1)	
APPRPB6	Same as APPRPB1, but contains the sixth item mentioned	57	CHAR(3)	CAPI Section 7
APPRPB6_		60	CHAR(1)	
APPRPB7	Same as APPRPB1, but contains the seventh item mentioned	61	CHAR(3)	CAPI Section 7
APPRPB7_		64	CHAR(1)	
APPRPB8	Same as APPRPB1, but contains the eighth item mentioned	65	CHAR(3)	CAPI Section 7
APPRPB8_		68	CHAR(1)	
APPRPB9	Same as APPRPB1, but contains the ninth item mentioned	69	CHAR(3)	CAPI Section 7
APPRPB9_		72	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
APPRPRYB	New Codes: 115 Combined garbage disposal/range hood/built-in dishwasher and other household appliances including washer, refrigerator or range/oven (100, 110) 210 Combined expense (any item in section/part)

## 9. FRA file

### a. Variable additions

**Beginning in 2003Q2**, the FRA file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
FRNPRY1	If FURNPURY = 900, then FRNPRY1 will contain the first code mentioned of the multiple items indicated in FURNPURY	37	CHAR(3)	CAPI Section 8

Name	Variable Description	Start Position	Format	Source
FRNPRY1_		40	CHAR(1)	
FRNPRY2	Same as FRNPRY1, but contains the second item mentioned	41	CHAR(3)	CAPI Section 8
FRNPRY2_		44	CHAR(1)	
FRNPRY3	Same as FRNPRY1, but contains the third item mentioned	45	CHAR(3)	CAPI Section 8
FRNPRY3_		48	CHAR(1)	
FRNPRY4	Same as FRNPRY1, but contains the fourth item mentioned	49	CHAR(3)	CAPI Section 8
FRNPRY4_		52	CHAR(1)	
FRNPRY5	Same as FRNPRY1, but contains the fifth item mentioned	53	CHAR(3)	CAPI Section 8
FRNPRY5_		56	CHAR(1)	
FRNPRY6	Same as FRNPRY1, but contains the sixth item mentioned	57	CHAR(3)	CAPI Section 8
FRNPRY6_		60	CHAR(1)	
FRNPRY7	Same as FRNPRY1, but contains the seventh item mentioned	61	CHAR(3)	CAPI Section 8
FRNPRY7_		64	CHAR(1)	
FRNPRY8	Same as FRNPRY1, but contains the eighth item mentioned	65	CHAR(3)	CAPI Section 8
FRNPRY8_		68	CHAR(1)	
FRNPRY9	Same as FRNPRY1, but contains the ninth item mentioned	69	CHAR(3)	CAPI Section 8
FRNPRY9_		72	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
FURNPURY	New Codes: 900 Combined expense (any item in section/part)

## 10. CLA file

### a. Variable additions

**Beginning in 2003Q2**, the CLA file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
CLOTHA 1	If CLOTHYA = 900, then CLOTHA1 will contain the first code mentioned of the multiple items indicated in CLOTHYA	44	CHAR(3)	CAPI Section 9
CLOTHA 1_		47	CHAR(1)	
CLOTHA 2	Same as CLOTHA1, but contains the second item mentioned	48	CHAR(3)	CAPI Section 9
CLOTHA 2_		51	CHAR(1)	
CLOTHA 3	Same as CLOTHA1, but contains the third item mentioned	52	CHAR(3)	CAPI Section 9
CLOTHA 3_		55	CHAR(1)	
CLOTHA 4	Same as CLOTHA1, but contains the fourth item mentioned	56	CHAR(3)	CAPI Section 9
CLOTHA 4_		59	CHAR(1)	
CLOTHA 5	Same as CLOTHA1, but contains the fifth item mentioned	60	CHAR(3)	CAPI Section 9
CLOTHA 5_		63	CHAR(1)	
CLOTHA 6	Same as CLOTHA1, but contains the sixth item mentioned	64	CHAR(3)	CAPI Section 9
CLOTHA 6_		67	CHAR(1)	
CLOTHA 7	Same as CLOTHA1, but contains the seventh item mentioned	68	CHAR(3)	CAPI Section 9
CLOTHA 7_		71	CHAR(1)	
CLOTHA 8	Same as CLOTHA1, but contains the eighth item mentioned	72	CHAR(3)	CAPI Section 9
CLOTHA 8_		75	CHAR(1)	
CLOTHA 9	Same as CLOTHA1, but contains the ninth item mentioned	76	CHAR(3)	CAPI Section 9
CLOTHA 9_		79	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
CLOTHYA	New Codes: 275 Combined pants/slacks/jeans and shirts/blouses/tops (150, 190) 900 Combined expense (any item in section/part)

## 11. CLB file

## a. Variable additions

**Beginning in 2003Q2**, the CLB file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
CLOTHB1	If CLOTHYB = 900, then CLOTHB1 will contain the first code mentioned of the multiple items indicated in CLOTHYB	44	CHAR(3)	CAPI Section 9
CLOTHB1_		47	CHAR(1)	
CLOTHB2	Same as CLOTHB1, but contains the second item mentioned	48	CHAR(3)	CAPI Section 9
CLOTHB2_		51	CHAR(1)	
CLOTHB3	Same as CLOTHB1, but contains the third item mentioned	52	CHAR(3)	CAPI Section 9
CLOTHB3_		55	CHAR(1)	
CLOTHB4	Same as CLOTHB1, but contains the fourth item mentioned	56	CHAR(3)	CAPI Section 9
CLOTHB4_		59	CHAR(1)	
CLOTHB5	Same as CLOTHB1, but contains the fifth item mentioned	60	CHAR(3)	CAPI Section 9
CLOTHB5_		63	CHAR(1)	
CLOTHB6	Same as CLOTHB1, but contains the sixth item mentioned	64	CHAR(3)	CAPI Section 9
CLOTHB6_		67	CHAR(1)	
CLOTHB7	Same as CLOTHB1, but contains the seventh item mentioned	68	CHAR(3)	CAPI Section 9
CLOTHB7_		71	CHAR(1)	
CLOTHB8	Same as CLOTHB1, but contains the eighth item mentioned	72	CHAR(3)	CAPI Section 9
CLOTHB8_		75	CHAR(1)	
CLOTHB9	Same as CLOTHB1, but contains the ninth item mentioned	76	CHAR(3)	CAPI Section 9
CLOTHB9_		79	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
CLOTHYB	New Codes: 900 Combined expense (any item in section/part)

## 12. CLC file

### a. Variable additions

**Beginning in 2003Q2**, the CLC file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
SEWING1	If SEWINGY = 440, then SEWING1 will contain the first code mentioned of the multiple items indicated in SEWINGY	37	CHAR(3)	CAPI Section 9
SEWING1_		40	CHAR(1)	
SEWING2	Same as SEWING1, but contains the second item mentioned	41	CHAR(3)	CAPI Section 9
SEWING2_		44	CHAR(1)	
SEWING3	Same as SEWING1, but contains the third item mentioned	45	CHAR(3)	CAPI Section 9
SEWING3_		48	CHAR(1)	
SEWING4	Same as SEWING1, but contains the fourth item mentioned	49	CHAR(3)	CAPI Section 9
SEWING4_		52	CHAR(1)	
SEWING5	Same as SEWING1, but contains the fifth item mentioned	53	CHAR(3)	CAPI Section 9
SEWING5_		56	CHAR(1)	
SEWING6	Same as SEWING1, but contains the sixth item mentioned	57	CHAR(3)	CAPI Section 9
SEWING6_		60	CHAR(1)	
SEWING7	Same as SEWING1, but contains the seventh item mentioned	61	CHAR(3)	CAPI Section 9
SEWING7_		64	CHAR(1)	
SEWING8	Same as SEWING1, but contains the eighth item mentioned	65	CHAR(3)	CAPI Section 9
SEWING8_		68	CHAR(1)	
SEWING9	Same as SEWING1, but contains the ninth item mentioned	69	CHAR(3)	CAPI Section 9
SEWING9_		72	CHAR(1)	

## 13. CLD file

### a. Variable additions

**Beginning in 2003Q2**, the CLD file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
CLOTHD1	If CLOTHYD = 500, then CLOTHD1 will contain the first code mentioned of the multiple items indicated in CLOTHYD	37	CHAR(3)	CAPI Section 9
CLOTHD1_		40	CHAR(1)	
CLOTHD2	Same as CLOTHD1, but contains the second item mentioned	41	CHAR(3)	CAPI Section 9
CLOTHD2_		44	CHAR(1)	
CLOTHD3	Same as CLOTHD1, but contains the third item mentioned	45	CHAR(3)	CAPI Section 9
CLOTHD3_		48	CHAR(1)	
CLOTHD4	Same as CLOTHD1, but contains the fourth item mentioned	49	CHAR(3)	CAPI Section 9
CLOTHD4_		52	CHAR(1)	
CLOTHD5	Same as CLOTHD1, but contains the fifth item mentioned	53	CHAR(3)	CAPI Section 9
CLOTHD5_		56	CHAR(1)	
CLOTHD6	Same as CLOTHD1, but contains the sixth item mentioned	57	CHAR(3)	CAPI Section 9
CLOTHD6_		60	CHAR(1)	
CLOTHD7	Same as CLOTHD1, but contains the seventh item mentioned	61	CHAR(3)	CAPI Section 9
CLOTHD7_		64	CHAR(1)	
CLOTHD8	Same as CLOTHD1, but contains the eighth item mentioned	65	CHAR(3)	CAPI Section 9
CLOTHD8_		68	CHAR(1)	
CLOTHD9	Same as CLOTHD1, but contains the ninth item mentioned	69	CHAR(3)	CAPI Section 9
CLOTHD9_		72	CHAR(1)	

## 14. LSD file

### a. Variable deletions

**Beginning in 2003Q2**, the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Variable Description	Start Position	Format
MODEL	What is the make and model of the vehicle?	33	CHAR(4)

Name	Variable Description	Start Position	Format
	Census derived		
MODEL_		37	CHAR(1)

## b. Variable additions

**Beginning in 2003Q2**, the LSD file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
MKMODEL	Vehicle make and model	201	CHAR(5)	CAPI Section 10
MKMODEL_		206	CHAR(1)	
LSDENDYR	In what year was the lease terminated?	207	CHAR(4)	CAPI Section 10
LSDE_DYR		211	CHAR(1)	

## 15. OVB file

### a. Variable deletions

**Beginning in 2003Q2**, the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Variable Description	Start Position	Format
MKMDLY	What is the make and model of the vehicle? Census derived		CHAR(4)
MKMDLY_		28	
		32	CHAR(1)

### b. Variable additions

**Beginning in 2003Q2**, the LSD file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
MKMODEL	Vehicle make and model	303	CHAR(5)	CAPI Section 11
MKMODEL_		308	CHAR(1)	
NOOPTION	Vehicle has no listed options '1' = Yes '2' = No	309	CHAR(1)	CAPI Section 11
NOOP_ION		310	CHAR(1)	
DKOPTION	Don't know which options '1' = Yes '2' = No	311	CHAR(1)	CAPI Section 11
DKOP_ION		312	CHAR(1)	
VFINANCE	Was any portion of the vehicle price financed? '1' = Vehicle was financed '2' = Vehicle not financed	313	CHAR(1)	CAPI Section 11

## 16. VEQ file

## a. Variable additions

Beginning in 2003Q2, the VEQ file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
VPSRVY1	If VOPSERVY = 500, then VPSRVY1 will contain the first code mentioned of the multiple items indicated in VOPSERVY	59	CHAR(3)	CAPI Section 12
VPSRVY1_		62	CHAR(1)	
VPSRVY2	Same as VPSRVY1, but contains the second item mentioned	63	CHAR(3)	CAPI Section 12
VPSRVY2_		66	CHAR(1)	
VPSRVY3	Same as VPSRVY1, but contains the third item mentioned	67	CHAR(3)	CAPI Section 12
VPSRVY3_		70	CHAR(1)	
VPSRVY4	Same as VPSRVY1, but contains the fourth item mentioned	71	CHAR(3)	CAPI Section 12
VPSRVY4_		74	CHAR(1)	
VPSRVY5	Same as VPSRVY1, but contains the fifth item mentioned	75	CHAR(3)	CAPI Section 12
VPSRVY5_		78	CHAR(1)	
VPSRVY6	Same as VPSRVY1, but contains the sixth item mentioned	79	CHAR(3)	CAPI Section 12
VPSRVY6_		82	CHAR(1)	
VPSRVY7	Same as VPSRVY1, but contains the seventh item mentioned	83	CHAR(3)	CAPI Section 12
VPSRVY7_		86	CHAR(1)	
VPSRVY8	Same as VPSRVY1, but contains the eighth item mentioned	87	CHAR(3)	CAPI Section 12
VPSRVY8_		90	CHAR(1)	
VPSRVY9	Same as VPSRVY1, but contains the ninth item mentioned	91	CHAR(3)	CAPI Section 12
VPSRVY9_		94	CHAR(1)	

## b. Variable content changes

Beginning in 2003Q2, the following changes become applicable

Variable name	New codes/definitions/descriptions
VOPSERVY	New Codes: 115 Combined oil change/lube/filter and motor tune-up (100,110)

## 17. VLR file

### a. Variable additions

**Beginning in 2003Q2**, the VLR file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
VOPRGY1	If VOPREGY = 430, then VOPRGY1 will contain the first code mentioned of the multiple items indicated in VOPREGY	33	CHAR(3)	CAPI Section 12
VOPRGY1_		36	CHAR(1)	
VOPRGY2	Same as VOPRGY1, but contains the second item mentioned	37	CHAR(3)	CAPI Section 12
VOPRGY2_		40	CHAR(1)	
VOPRGY3	Same as VOPRGY1, but contains the third item mentioned	41	CHAR(3)	CAPI Section 12
VOPRGY3_		44	CHAR(1)	
VOPRGY4	Same as VOPRGY1, but contains the fourth item mentioned	45	CHAR(3)	CAPI Section 12
VOPRGY4_		48	CHAR(1)	
VOPRGY5	Same as VOPRGY1, but contains the fifth item mentioned	49	CHAR(3)	CAPI Section 12
VOPRGY5_		52	CHAR(1)	
VOPRGY6	Same as VOPRGY1, but contains the sixth item mentioned	53	CHAR(3)	CAPI Section 12
VOPRGY6_		56	CHAR(1)	
VOPRGY7	Same as VOPRGY1, but contains the seventh item mentioned	57	CHAR(3)	CAPI Section 12
VOPRGY7_		60	CHAR(1)	
VOPRGY8	Same as VOPRGY1, but contains the eighth item mentioned	61	CHAR(3)	CAPI Section 12
VOPRGY8_		64	CHAR(1)	
VOPRGY9	Same as VOPRGY1, but contains the ninth item mentioned	65	CHAR(3)	CAPI Section 12
VOPRGY9_		68	CHAR(1)	

## 18. IHB file

### a. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
HHIBCBS	New Code Format: Is insurance company Blue Cross/Blue Shield? 1 Yes 2 No

## 19. MDB file

### a. Variable additions

**Beginning in 2003Q2**, the MDB file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
MEDPCY1	If MEDPCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDPCARY	39	CHAR(3)	CAPI Section 15
MEDPCY1_		42	CHAR(1)	
MEDPCY2	Same as MEDPCY1, but contains the second item mentioned	43	CHAR(3)	CAPI Section 15
MEDPCY2_		46	CHAR(1)	
MEDPCY3	Same as MEDPCY1, but contains the third item mentioned	47	CHAR(3)	CAPI Section 15
MEDPCY3_		50	CHAR(1)	
MEDPCY4	Same as MEDPCY1, but contains the fourth item mentioned	51	CHAR(3)	CAPI Section 15
MEDPCY4_		54	CHAR(1)	
MEDPCY5	Same as MEDPCY1, but contains the fifth item mentioned	55	CHAR(3)	CAPI Section 15
MEDPCY5_		58	CHAR(1)	
MEDPCY6	Same as MEDPCY1, but contains the sixth item mentioned	59	CHAR(3)	CAPI Section 15
MEDPCY6_		62	CHAR(1)	
MEDPCY7	Same as MEDPCY1, but contains the seventh item mentioned	63	CHAR(3)	CAPI Section 15
MEDPCY7_		66	CHAR(1)	
MEDPCY8	Same as MEDPCY1, but contains the eighth item mentioned	67	CHAR(3)	CAPI Section 15
MEDPCY8_		70	CHAR(1)	
MEDPCY9	Same as MEDPCY1, but contains the ninth item mentioned	71	CHAR(3)	CAPI Section 15
MEDPCY9_		74	CHAR(1)	

## b. Variable content changes

Beginning in 2003Q2, the following changes become applicable

Variable name	New codes/definitions/descriptions
MEDPCARY	New Codes: 900 Combined expense (any item in section/part)

## 20. MDC file

### a. Variable additions

Beginning in 2003Q2, the MDB file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
MEDRCY1	If MEDPCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDPCARY	39	CHAR(3)	CAPI Section 15
MEDRCY1_		42	CHAR(1)	
MEDRCY2	Same as MEDPCY1, but contains the second item mentioned	43	CHAR(3)	CAPI Section 15
MEDRCY2_		46	CHAR(1)	
MEDRCY3	Same as MEDPCY1, but contains the third item mentioned	47	CHAR(3)	CAPI Section 15
MEDRCY3_		50	CHAR(1)	
MEDRCY4	Same as MEDPCY1, but contains the fourth item mentioned	51	CHAR(3)	CAPI Section 15
MEDRCY4_		54	CHAR(1)	
MEDRCY5	Same as MEDPCY1, but contains the fifth item mentioned	55	CHAR(3)	CAPI Section 15
MEDRCY5_		58	CHAR(1)	
MEDRCY6	Same as MEDPCY1, but contains the sixth item mentioned	59	CHAR(3)	CAPI Section 15
MEDRCY6_		62	CHAR(1)	
MEDRCY7	Same as MEDPCY1, but contains the seventh item mentioned	63	CHAR(3)	CAPI Section 15
MEDRCY7_		66	CHAR(1)	
MEDRCY8	Same as MEDPCY1, but contains the eighth item mentioned	67	CHAR(3)	CAPI Section 15
MEDRCY8_		70	CHAR(1)	
MEDRCY9	Same as MEDPCY1, but contains the ninth item mentioned	71	CHAR(3)	CAPI Section 15

Name	Variable Description	Start Position	Format	Source
MEDRCY9_		74	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
MEDRCARY	New Codes: 900 Combined expense (any item in section/part)

## 21. EDA file

### a. Variable additions

**Beginning in 2003Q2**, the EDA file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
EDUC_A1	If EDUC_AY = 380, then EDUC_A1 will contain the first code mentioned of the multiple items indicated in EDUC_AY	51	CHAR(3)	CAPI Section 16
EDUC_A1_		54	CHAR(1)	
EDUC_A2	Same as EDUC_A1, but contains the second item mentioned	55	CHAR(3)	CAPI Section 16
EDUC_A2_		58	CHAR(1)	
EDUC_A3	Same as EDUC_A1, but contains the third item mentioned	59	CHAR(3)	CAPI Section 16
EDUC_A3_		62	CHAR(1)	
EDUC_A4	Same as EDUC_A1, but contains the fourth item mentioned	63	CHAR(3)	CAPI Section 16
EDUC_A4_		66	CHAR(1)	
EDUC_A5	Same as EDUC_A1, but contains the fifth item mentioned	67	CHAR(3)	CAPI Section 16
EDUC_A5_		70	CHAR(1)	
EDUC_A6	Same as EDUC_A1, but contains the sixth item mentioned	71	CHAR(3)	CAPI Section 16
EDUC_A6_		74	CHAR(1)	
EDUC_A7	Same as EDUC_A1, but contains the seventh item mentioned	75	CHAR(3)	CAPI Section 16
EDUC_A7_		78	CHAR(1)	
EDUC_A8	Same as EDUC_A1, but contains the eighth item mentioned	79	CHAR(3)	CAPI Section 16

Name	Variable Description	Start Position	Format	Source
EDUC_A8_		82	CHAR(1)	
EDUC_A9	Same as EDUC_A1, but contains the ninth item mentioned	83	CHAR(3)	CAPI Section 16
EDUC_A9_		86	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
EDUC_AY	New Codes: 335 Combined tuition room and board (300, 310, 320)

## 22. TRV file

### a. Variable deletions

**Beginning in 2003Q2**, the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Variable Description	Start Position	Format
TYPETRIP	Trip type CODED 1 Visit relatives or friends 2 Business 3 Sightseeing, sports, etc. 4 Any other 5 Day trips S18A col. c	21	CHAR(1)
TYPE_RIP		22	CHAR(1)

## 23. MIS file

### a. Variable additions

**Beginning in 2003Q2**, the MIS file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
MISCDE1	If MISCCODE = 265 or 345, then MISCDE1 will contain the first code mentioned of the multiple items indicated in MISCCODE	37	CHAR(3)	CAPI Section 19
MISCDE1_		40	CHAR(1)	

Name	Variable Description	Start Position	Format	Source
MISCDE2	Same as MISCDE1, but contains the second item mentioned	41	CHAR(3)	CAPI Section 19
MISCDE2_		44	CHAR(1)	
MISCDE3	Same as MISCDE1, but contains the third item mentioned	45	CHAR(3)	CAPI Section 19
MISCDE3_		48	CHAR(1)	
MISCDE4	Same as MISCDE1, but contains the fourth item mentioned	49	CHAR(3)	CAPI Section 19
MISCDE4_		52	CHAR(1)	
MISCDE5	Same as MISCDE1, but contains the fifth item mentioned	53	CHAR(3)	CAPI Section 19
MISCDE5_		56	CHAR(1)	
MISCDE6	Same as MISCDE1, but contains the sixth item mentioned	57	CHAR(3)	CAPI Section 19
MISCDE6_		60	CHAR(1)	
MISCDE7	Same as MISCDE1, but contains the seventh item mentioned	61	CHAR(3)	CAPI Section 19
MISCDE7_		64	CHAR(1)	
MISCDE8	Same as MISCDE1, but contains the eighth item mentioned	65	CHAR(3)	CAPI Section 19
MISCDE8_		68	CHAR(1)	
MISCDE9	Same as MISCDE1, but contains the ninth item mentioned	69	CHAR(3)	CAPI Section 19
MISCDE9_		72	CHAR(1)	

## b. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
MISCCODE	<p>New Codes:</p> <p>265 Combined pets/pet supplies/medicine for pets, pet services and veterinarian expenses (240, 250, 260)</p> <p>345 Combined TV computer games/computer game software, hand held computer games/computer board games, toys/games and hobbies (290, 300, 330, 340)</p>

## 24. FN2 file

### a. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
CREDITR1	<p>Deleted item code/description:</p> <ul style="list-style-type: none"> <li>100 Credit cards</li> <li>200 Stores credit</li> <li>300 Banks</li> <li>400 Credit Unions</li> <li>500 Finance companies</li> <li>600 Insurance Companies</li> <li>700 Doctors/dentists/hospital care/ other medical partitions (Do not include insurance premium payments)</li> <li>800 Other credit source(s)</li> </ul> <p>New item code/description:</p> <ul style="list-style-type: none"> <li>110 Gas credit cards, such as AMOCO or EXXON</li> <li>120 Store credit cards, such as those issued by department, specialty, electronics or sporting good stores</li> <li>130 Major credit cards, such as VISA, Master Card, American Express, or revolving credit accounts</li> <li>200 Store installment credit accounts</li> <li>510 Financial institutions, such as banks, brokerages, savings and loans, credit unions, or insurance companies (Do not include insurance premium payments)</li> <li>700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance</li> <li>800 Other credit, such as school loans, personal loans, or loans from retirement plans</li> </ul>

## 25. FNA file

### a. Variable content changes

**Beginning in 2003Q2**, the following changes become applicable

Variable name	New codes/definitions/descriptions
CREDITR5	Deleted item code/description:

Variable name	New codes/definitions/descriptions
	100 Credit cards 200 Stores credit 300 Banks 400 Credit Unions 500 Finance companies 600 Insurance Companies 700 Doctors/dentists/hospital care/ other medical partitions (Do not include insurance premium payments) 800 Other credit source(s)
	New item code/description: 110 Gas credit cards, such as AMOCO or EXXON 120 Store credit cards, such as those issued by department, specialty, electronics or sporting good stores 130 Major credit cards, such as VISA, Master Card, American Express, or revolving credit accounts 200 Store installment credit accounts 510 Financial institutions, such as banks, brokerages, savings and loans, credit unions, or insurance companies (Do not include insurance premium payments) 700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance 800 Other credit, such as school loans, personal loans, or loans from retirement plans

## 26. FNB file

### a. Variable deletions

**Beginning in 2003Q2**, the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Variable Description	Start Position	Format
CRDCARDX	During the past 12 months, how much was paid for finance, interest and late charges to revolving credit accounts including store, gasoline, and general purpose credit cards,	21	NUM(6)

Name	Variable Description	Start Position	Format
	such as Sears, Amoco, Visa, MasterCard, etc.? (Exclude yearly fees) S21B.S a		
CRDC_RDX		27	CHAR(1)
BANKX	During the past 12 months, how much was paid for finance, interest and late charges to banks and savings and loans? S21B.S c	35	NUM(6)
BANKX_		41	CHAR(1)
CDUNIONX	During the past 12 months, how much was paid for finance, interest and late charges to credit unions? S21B.S d	42	NUM(6)
CDUN_ONX		48	CHAR(1)
FININT	During the past 12 months, how much was paid for finance, interest and late charges to finance companies? S21B.S e	49	NUM(6)
FININT_		55	CHAR(1)
INSUREX	During the past 12 months, how much was paid for finance, interest and late charges to insurance companies? S21B.S f	56	NUM(6)
INSUREX_		62	CHAR(1)

## b. Variable additions

**Beginning in 2003Q2**, the FNB file will contain the following new variables.

Name	Variable Description	Start Position	Format	Source
GASCARDX	Amount of interest charges, finance charges, or late fees paid to gasoline credit cards in the past 12 months.	77	NUM(6)	CAPI Section 21
GASC_RDX		83	CHAR(1)	
STRCARDX	Amount of interest charges, finance charges, or late fees paid to store credit cards in the past 12 months.	84	NUM(6)	CAPI Section 21
STRC_RDX		90	CHAR(1)	
MAJCARDX	Total amount paid for finance, interest, or late charges to major credit cards or other revolving credit accounts.	91	NUM(6)	CAPI Section 21
MAJC_RDX		97	CHAR(1)	
FININSTX	Amount of interest charges, finance charges, or late fees paid to financial institutions in the past 12 months.	98	NUM(6)	CAPI Section 21
FINI_STX		104	CHAR(1)	

### III. FILE INFORMATION

The microdata on CD-ROM are provided as SAS data sets or ASCII text files. The 2003 Interview release contains four groups of Interview data files (FMLY, MEMB, MTAB, and ITAB), 50 EXPN files, and processing files. The FMLY, MEMB, MTAB, and ITAB files are organized by the calendar quarter of the year in which the data were collected. (See Section V.A.1.b. CALENDAR PERIOD VERSUS COLLECTION PERIOD for a description of calendar and collection years.) There are five quarterly data sets for each of these files, running from the first quarter of 2003 through the first quarter of 2004. The FMLY files contain CU characteristics, income, and summary level expenditures; the MEMB files contain member characteristics and income data; the MTAB files contain expenditures organized on a monthly basis at the UCC level; and the ITAB files contain income data converted to a monthly time frame and assigned to UCCs. Each of the 50 EXPN files contains five quarters of data. The EXPN files contain data directly derived from their respective questionnaire sections.

The processing files enhance computer processing and tabulation of data, and provide descriptive information on item codes. The processing files are: Aggregation scheme files used in the published consumer expenditure survey interview tables and integrated tables (ISTUB and INTSTUB), a UCC file that contains UCCs and their abbreviated titles, identifying the expenditure, income, or demographic item represented by each UCC; two vehicle make and model files (VEHI and CAPIVEHI), and files containing sample programs (See Section VII. A. SAMPLE PROGRAM). The processing files are further explained in Section III.F.6. PROCESSING FILES.

Since space in this documentation prohibits the explanation of all information in the EXPN files, we strongly suggest the user refer to the questionnaire. The questionnaire for the paper and pencil interview is available on the CD in the Document folder under 'I01\_ce302.pdf'. The CAPI questionnaire will be available on the Consumer Expenditure Survey webpage: <http://www.bls.gov/cex/home.htm>. A list of the 50 EXPN file names including the Paper Questionnaire sections to which they relate follows.

APL Section 1, Part C	General Survey Information – Major Household Appliances
RNT Section 2, Parts A and B	Rented Living Quarters – CU Tenure, Rental Payments, Facilities, and Services for Sample Unit and Other Units
OPB Section 3, Part B	Owned Living Quarters and Other Owned Real Estate – Detailed Property Description
OPD Section 3, Part D	Owned Living Quarters and Other Owned Real Estate – Disposed of Property
MOR Section 3, Part F	Owned Living Quarters and Other Owned Real Estate – Mortgages
HEL Section 3, Part G	Owned Living Quarters and Other Owned Real Estate – Lump Sum Home Equity Loans
OPH Section 3, Part H	Owned Living Quarters and Other Owned Real Estate – Line of Credit Home Equity Loans
OPI Section 3, Part I	Owned Living Quarters and Other Owned Real Estate – Ownership Costs
UTA Section 4, Part A	Utilities and Fuels for Owned and Rented Properties – Telephone Expenses
UTP Section 4, Part B	Utilities and Fuels for Owned and Rented Properties – Additional Telephone Expenses
UTB Section 4, Part C	Utilities and Fuels for Owned and Rented Properties – Screening Questions
UTC Section 4, Part D	Utilities and Fuels for Owned and Rented Properties – Detailed Questions

CRA Section 5, Part A	Construction, Repairs, Alterations, and Maintenance of Owned and Rented Property – Screening Questions
CRB Section 5, Part B	Construction, Repairs, Alterations, and Maintenance of Owned and Rented Property – Job Description
APA Section 6, Part A	Appliances, Household Equipment, and Other Selected Items – Purchase of Household Appliances
APB Section 6, Part B	Appliances, Household Equipment and Other Selected Items – Purchase of Household Appliances and Other Selected Items
EQB Section 7, Part B	Household Equipment Repairs, Service Contracts, and Furniture Repair and Reupholstering – Household Equipment Repairs and Service Contracts
FRA Section 8, Part A	Home Furnishings and Related Household Items – Purchases
FRB Section 8, Part B	Home Furnishings and Related Household Items – Rental, Leasing, or Repair of Furniture
CLA Section 9, Part A	Clothing and Sewing Materials – Clothing
CLB Section 9, Part B	Clothing and Sewing Materials – Infants Clothing, Watches, Jewelry, and Hairpieces
CLC Section 9, Part C	Clothing and Sewing Materials – Sewing Materials
CLD Section 9, Part D	Clothing and Sewing Materials – Clothing Services
RTV Section 10, Part A.1	Rented and Leased Vehicles – Screening Questions
LSD Section 10, Part B	Rented and Leased Vehicles – Detailed Questions for Leased Vehicles
OVB Section 11, Part B	Owned Vehicles – Detailed Questions
OVC Section 11, Part C	Owned Vehicles – Disposal of Vehicles
VEQ Section 12, Part A	Vehicle Operating Expenses – Vehicle Maintenance and Repair, Parts, and Equipment
VLR Section 12, Part B	Vehicle Operating Expenses – Licensing, Registration, and Inspection of Vehicles
VOT Section 12, Part C	Vehicle Operating Expenses – Other Vehicle Operating Expenses
INB Section 13, Part B	Insurance Other Than Health – Detailed Questions
IHB Section 14, Part B	Hospitalization and Health Insurance – Detailed Questions
IHC Section 14, Part C	Hospitalization and Health Insurance – Medicare, Medicaid and Other Health Insurance Plans Not Directly Paid For By The CU
MDB Section 15, Part B	Medical and Health Expenditures – Payments For Medical Expenses
MDC Section 15, Part C	Medical and Health Expenditures – Reimbursements For Medical Expenses

EDA Section 16	Educational Expenses
SUB Section 17, Part A	Subscriptions, Memberships, Books, and Entertainment Expenses – Subscriptions and Memberships
ENT Section 17, Part B	Subscriptions, Memberships, Books, and Entertainment Expenses – Books and Entertainment Expenses
TRV Section 18, Parts B and C	Trips and Vacations – Trips Paid Entirely by CU and Partially Reimbursed Trips
TRD Section 18, Part D	Trips and Vacations – 100% Reimbursed Trips
TRE Section 18, Part E	Trips and Vacations – Trip Expenses for Non-CU Members
TRF Section 18, Part F	Trips and Vacations – Local Overnight Stays
MIS Section 19, Part A	Miscellaneous Expenses
CNT Section 19, Part B	Miscellaneous Expenses – Contributions
XPA Section 20, Part A	Expense Patterns For Food, Beverages, and Other Selected Items – Food and Beverages
XPB Section 20, Part B	Expense Patterns For Food, Beverages, and Other Selected Items – Selected Services and Goods
FN2 Section 21, Part A.1	Credit Liability – Credit Balances – Second Quarter Only
FNA Section 21, Part A.2	Credit Liability – Credit Balances – Fifth Quarter Only
FNB Section 21, Part B	Credit Liability – Finance Charges – Fifth Quarter Only

Note that the variable NEWID, the CU's identification number, is the common variable among files by which matching is done.

## A. DATA SET NAMES

The file naming convention on the ASCII CD-ROM is as follows.  
("X" references the designated drive letter for your CD.)

X:\INTRVW03\FMLYI031x.TXT (Interview FMLY file for first quarter, 2003)  
X:\INTRVW03\MEMBI031x.TXT (Interview MEMB file for first quarter, 2003)  
X:\INTRVW03\MTABI031x.TXT (Interview MTAB file for first quarter, 2003)  
X:\INTRVW03\ITABI031x.TXT (Interview ITAB file for first quarter, 2003)  
X:\INTRVW03\FMLYI032.TXT (etc.)  
X:\INTRVW03\MEMBI032.TXT  
X:\INTRVW03\MTABI032.TXT  
X:\INTRVW03\ITABI032.TXT  
X:\INTRVW03\FMLYI033.TXT  
X:\INTRVW03\MEMBI033.TXT  
X:\INTRVW03\MTABI033.TXT  
X:\INTRVW03\ITABI033.TXT  
X:\INTRVW03\FMLYI034.TXT

X:\INTRVW03\MEMBI034.TXT  
X:\INTRVW03\MTAB034.TXT  
X:\INTRVW03\ITAB034.TXT  
X:\INTRVW03\FMLYI041.TXT  
X:\INTRVW03\MEMBI041.TXT  
X:\INTRVW03\MTAB041.TXT  
X:\INTRVW03\ITAB041.TXT  
X:\INTRVW03\UCCI03.TXT  
X:\INTRVW03\VEHI03.TXT  
X:\EXPNO3\APL03.TXT  
X:\EXPNO3\RNT03.TXT  
X:\EXPNO3\OPB03.TXT  
X:\EXPNO3\OPD03.TXT  
X:\EXPNO3\MOR03.TXT  
X:\EXPNO3\HEL03.TXT  
X:\EXPNO3\OPH03.TXT  
X:\EXPNO3\OPI03.TXT  
X:\EXPNO3\UTA03.TXT  
X:\EXPNO3\UTP03.TXT  
X:\EXPNO3\UTB03.TXT  
X:\EXPNO3\UTC03.TXT  
X:\EXPNO3\CRA03.TXT  
X:\EXPNO3\CRB03.TXT  
X:\EXPNO3\APA03.TXT  
X:\EXPNO3\APB03.TXT  
X:\EXPNO3\EQB03.TXT  
X:\EXPNO3\FRA03.TXT  
X:\EXPNO3\FRB03.TXT  
X:\EXPNO3\CLA03.TXT  
X:\EXPNO3\CLB03.TXT  
X:\EXPNO3\CLC03.TXT  
X:\EXPNO3\CLD03.TXT  
X:\EXPNO3\RTV03.TXT  
X:\EXPNO3\LSD03.TXT  
X:\EXPNO3\OVB03.TXT  
X:\EXPNO3\OVC03.TXT  
X:\EXPNO3\VEQ03.TXT  
X:\EXPNO3\VLR03.TXT  
X:\EXPNO3\VOT03.TXT  
X:\EXPNO3\INB03.TXT  
X:\EXPNO3\IHB03.TXT  
X:\EXPNO3\IHC03.TXT  
X:\EXPNO3\MDB03.TXT  
X:\EXPNO3\MDC03.TXT  
X:\EXPNO3\EDA03.TXT  
X:\EXPNO3\SUB03.TXT  
X:\EXPNO3\ENT03.TXT  
X:\EXPNO3\TRV03.TXT  
X:\EXPNO3\TRD03.TXT  
X:\EXPNO3\TRE03.TXT  
X:\EXPNO3\TRF03.TXT  
X:\EXPNO3\MIS03.TXT  
X:\EXPNO3\CNT03.TXT  
X:\EXPNO3\XPA03.TXT  
X:\EXPNO3\XPB03.TXT  
X:\EXPNO3\FN203.TXT

X:\EXPNO3\FNA03.TXT  
X:\EXPNO3\FNB03.TXT

The file naming convention on the SAS CD-ROM is as follows:

X:\INTRVW03\FMLI031x.sas7bdat (Interview FMLY file for first quarter, 2003)  
X:\INTRVW03\MEMI031x.sas7bdat (Interview MEMB file for first quarter, 2003)  
X:\INTRVW03\MTBI031x.sas7bdat (Interview MTAB file for first quarter, 2003)  
X:\INTRVW03\ITBI031x.sas7bdat (Interview ITAB file for first quarter, 2003)  
X:\INTRVW03\FMLI032.sas7bdat (etc.)  
X:\INTRVW03\MEMI032.sas7bdat  
X:\INTRVW03\MTBI032.sas7bdat  
X:\INTRVW03\ITBI032.sas7bdat  
X:\INTRVW03\FMLI033.sas7bdat  
X:\INTRVW03\MEMI033.sas7bdat  
X:\INTRVW03\MTBI033.sas7bdat  
X:\INTRVW03\ITBI033.sas7bdat  
X:\INTRVW03\FMLI034.sas7bdat  
X:\INTRVW03\MEMI034.sas7bdat  
X:\INTRVW03\MTBI034.sas7bdat  
X:\INTRVW03\ITBI034.sas7bdat  
X:\INTRVW03\FMLI041.sas7bdat  
X:\INTRVW03\MEMI041.sas7bdat  
X:\INTRVW03\MTBI041.sas7bdat  
X:\INTRVW03\ITBI041.sas7bdat  
X:\INTRVW03\UCCI03.txt  
X:\INTRVW03\VEHI03.txt  
X:\EXPNO3\APL03.sas7bdat  
X:\EXPNO3\RNT03.sas7bdat  
X:\EXPNO3\OPB03.sas7bdat  
X:\EXPNO3\OPD03.sas7bdat  
X:\EXPNO3\MOR03.sas7bdat  
X:\EXPNO3\HEL03.sas7bdat  
X:\EXPNO3\OPH03.sas7bdat  
X:\EXPNO3\OPI03.sas7bdat  
X:\EXPNO3\UTA03.sas7bdat  
X:\EXPNO3\UTP03.sas7bdat  
X:\EXPNO3\UTB03.sas7bdat  
X:\EXPNO3\UTC03.sas7bdat  
X:\EXPNO3\CRA03.sas7bdat  
X:\EXPNO3\CRB03.sas7bdat  
X:\EXPNO3\APA03.sas7bdat  
X:\EXPNO3\APB03.sas7bdat  
X:\EXPNO3\EQB03.sas7bdat  
X:\EXPNO3\FRA03.sas7bdat  
X:\EXPNO3\FRB03.sas7bdat  
X:\EXPNO3\CLA03.sas7bdat  
X:\EXPNO3\CLB03.sas7bdat  
X:\EXPNO3\CLC03.sas7bdat  
X:\EXPNO3\CLD03.sas7bdat  
X:\EXPNO3\RTV03.sas7bdat  
X:\EXPNO3\LSD03.sas7bdat  
X:\EXPNO3\OVB03.sas7bdat  
X:\EXPNO3\OVC03.sas7bdat  
X:\EXPNO3\VEQ03.sas7bdat  
X:\EXPNO3\VLR03.sas7bdat

X:\EXPNO3\VOT03.sas7bdat  
 X:\EXPNO3\INB03.sas7bdat  
 X:\EXPNO3\IHB03.sas7bdat  
 X:\EXPNO3\IHC03.sas7bdat  
 X:\EXPNO3\MDB03.sas7bdat  
 X:\EXPNO3\MDC03.sas7bdat  
 X:\EXPNO3\EDA03.sas7bdat  
 X:\EXPNO3\SUB03.sas7bdat  
 X:\EXPNO3\ENT03.sas7bdat  
 X:\EXPNO3\TRV03.sas7bdat  
 X:\EXPNO3\TRD03.sas7bdat  
 X:\EXPNO3\TRE03.sas7bdat  
 X:\EXPNO3\TRF03.sas7bdat  
 X:\EXPNO3\MIS03.sas7bdat  
 X:\EXPNO3\CNT03.sas7bdat  
 X:\EXPNO3\XPA03.sas7bdat  
 X:\EXPNO3\XPB03.sas7bdat  
 X:\EXPNO3\FN203.sas7bdat  
 X:\EXPNO3\FNA03.sas7bdat  
 X:\EXPNO3\FNB03.sas7bdat

## B. RECORD COUNTS AND LOGICAL RECORD LENGTHS

The following are the number of records and the logical record lengths (LRECL) in each data set (recall that each EXPN file contains 5 quarters of data within a single data set):

<u>ASCII data set</u>	<u>SAS data set</u>	<u>LRECL</u>	<u>Record Counts</u>
FMLYI031X.TXT	FMLI031X.SAS7BDAT	4783	8086
FMLYI032.TXT	FMLI032.SAS7BDAT	4787	8196
FMLYI033.TXT	FMLI033.SAS7BDAT	4787	8072
FMLYI034.TXT	FMLI034.SAS7BDAT	4787	8044
FMLYI041.TXT	FMLI041.SAS7BDAT	4787	7976
MEMBI031X.TXT	MEMI031X.SAS7BDAT	311	20462
MEMBI032.TXT	MEMI032.SAS7BDAT	331	20777
MEMBI033.TXT	MEMI033.SAS7BDAT	331	20364
MEMBI034.TXT	MEMI034.SAS7BDAT	331	20314
MEMBI041.TXT	MEMI041.SAS7BDAT	331	20098
MTABI031X.TXT	MTBI031X.SAS7BDAT	35	735461
MTABI032.TXT	MTBI032.SAS7BDAT	35	677105
MTABI033.TXT	MTBI033.SAS7BDAT	35	666895
MTABI034.TXT	MTBI034.SAS7BDAT	35	666500
MTABI041.TXT	MTBI041.SAS7BDAT	35	689817
ITABI031X.TXT	ITBI031X.SAS7BDAT	34	406296
ITABI032.TXT	ITBI032.SAS7BDAT	34	441582
ITABI033.TXT	ITBI033.SAS7BDAT	34	435531
ITABI034.TXT	ITBI034.SAS7BDAT	34	435594

<u>ASCII data set</u>	<u>SAS data set</u>	<u>LRECL</u>	<u>Record Counts</u>
ITABI041.TXT	ITBI041.SAS7BDAT	34	433131
<u>EXPN</u>			
APL03.TXT	APL03.SAS7BDAT	38	363176
RNT03.TXT	RNT03.SAS7BDAT	94	13927
OPB03.TXT	OPB03.SAS7BDAT	95	31179
OPD03.TXT	OPD03.SAS7BDAT	64	202
MOR03.TXT	MOR03.SAS7BDAT	194	18882
HEL03.TXT	HEL03.SAS7BDAT	194	1464
OPH03.TXT	OPH03.SAS7BDAT	66	2362
OPI03.TXT	OPI03.SAS7BDAT	263	43669
UTA03.TXT	UTA03.SAS7BDAT	126	182645
UTP03.TXT	UTP03.SAS7BDAT	34	5650
UTB03.TXT	UTB03.SAS7BDAT	70	879
UTC03.TXT	UTC03.SAS7BDAT	98	463130
CRA03.TXT	CRA03.SAS7BDAT	74	1114
CRB03.TXT	CRB03.SAS7BDAT	273	14634
APA03.TXT	APA03.SAS7BDAT	88	3860
APB03.TXT	APB03.SAS7BDAT	79	36893
EQB03.TXT	EQB03.SAS7BDAT	72	4885
FRA03.TXT	FRA03.SAS7BDAT	72	41829
FRB03.TXT	FRB03.SAS7BDAT	41	174
CLA03.TXT	CLA03.SAS7BDAT	79	197960
CLB03.TXT	CLB03.SAS7BDAT	79	26074
CLC03.TXT	CLC03.SAS7BDAT	72	4073
CLD03.TXT	CLD03.SAS7BDAT	72	3352
RTV03.TXT	RTV03.SAS7BDAT	48	1126
LSD03.TXT	LSD03.SAS7BDAT	211	2057
OVB03.TXT	OVB03.SAS7BDAT	313	76537
OVC03.TXT	OVC03.SAS7BDAT	62	2998
VEQ03.TXT	VEQ03.SAS7BDAT	94	50053
VLR03.TXT	VLR03.SAS7BDAT	49	14365
VOT03.TXT	VOT03.SAS7BDAT	95	40374
INB03.TXT	INB03.SAS7BDAT	115	115843
IHB03.TXT	IHB03.SAS7BDAT	55	44378
IHC03.TXT	IHC03.SAS7BDAT	152	13786
MDB03.TXT	MDB03.SAS7BDAT	74	96111
MDC03.TXT	MDC03.SAS7BDAT	74	1482
EDA03.TXT	EDA03.SAS7BDAT	86	31186
SUB03.TXT	SUB03.SAS7BDAT	35	27738
ENT03.TXT	ENT03.SAS7BDAT	119	26602
TRV03.TXT	TRV03.SAS7BDAT	315	18651
TRD03.TXT	TRD03.SAS7BDAT	36	6850
TRE03.TXT	TRE03.SAS7BDAT	36	3471
TRF03.TXT	TRF03.SAS7BDAT	85	307
MIS03.TXT	MIS03.SAS7BDAT	72	68686
CNT03.TXT	CNT03.SAS7BDAT	36	40792
XPA03.TXT	XPA03.SAS7BDAT	130	40373

<u>ASCII data set</u>	<u>SAS data set</u>	<u>LRECL</u>	<u>Record Counts</u>
XPB03.TXT	XPB03.SAS7BDAT	166	40373
FN203.TXT	FN203.SAS7BDAT	33	31047
FNA03.TXT	FNA03.SAS7BDAT	42	8864
FNB03.TXT	FNB03.SAS7BDAT	104	10186

## C. DATA FLAGS

Data fields on the FMLY, MEMB, and EXPN files are explained by flag variables following the data field. The names of the flag variables are derived from the names of the data fields they reference. In general the rule is to add an underscore to the last position of the data field name, for example, SALARYX becomes SALARYX\_. However, if the data field name is eight characters in length, then the fifth position is replaced with an underscore; thus WELFAREX becomes WELF\_REX. If the fifth position is already an underscore, then the fifth position is changed to a zero, so that EDUC\_REF becomes EDUC0REF.

The flag values are defined as follows:

A flag value of "A" indicates a valid blank; that is, a blank field where a response is not anticipated.

A flag value of "B" indicates a blank resulting from an invalid nonresponse; that is, a nonresponse that is not consistent with other data reported by the CU.

A flag value of "C" refers to a blank resulting from a "don't know", refusal, or other type of nonresponse.

A flag value of "D" indicates that the data field contains a valid or good data value.

A flag value of "T" indicates topcoding has been applied to the data field.

A flag value of "H" identifies an expenditure that has been allocated to other records with the original expenditure being overwritten with a blank. (EXPN records only).

A flag value of "R" for recode has been created for the variable STATE\_. Some Primary Sampling Units (PSUs) in some states are given "false" STATE codes for nondisclosure reasons. Cus with STATE\_='R' (for recode) indicate that not all Cus with that particular STATE code are from that state. See Section IV.A. CU CHARACTERISTICS AND INCOME FILE (FMLY) on topcoding of CU characteristics and income for more detail.

## D. FILE NOTATION

Every record from each data file includes the variable NEWID, the CU's unique identification number, which is used to link records of one CU from several files across all quarters in which they participate.

Data fields for variables on the microdata files have either numeric or character values. The format column in the detailed variable descriptions (Section III.F. DETAILED VARIABLE DESCRIPTIONS) distinguishes whether a variable is numeric (NUM) or character (CHAR) and shows the number of field positions the variable occupies. Variables that include decimal points are formatted as NUM(t,r) where t is the total number of positions occupied, and r is the number of places to the right of the decimal.

In addition to format, these detailed listings give an item description, questionnaire source, identification of codes where applicable, and start position for each variable. The questionnaire source, which identifies where the data for that variable is collected on the questionnaire, is listed beneath the variable description. Due to the change to the CAPI instrument, the questionnaire source format will now indicate the CAPI section where the question can be found. The previous questionnaire source is shown in parenthesis and is formatted "S03B 2b", which denotes Section 3, Part B, Question 2b of the questionnaire.

A star (\*) is shown in front of new variables, those which have changed in format or definition, and those which have been deleted. Variables whose format has expanded are moved to the end of the files, and their original positions are left blank. New variables are added to the end of the files after variables whose format has changed. The positions of deleted variables are left blank.

Some variables require special notation. The following notation is used throughout the documentation for all files:

\*D(Yxxq) identifies a variable that is deleted as of the quarterly file indicated. The year and quarter are identified by the 'xx' and 'q' respectively. For example, the notation \*D(Y023) indicates the variable is deleted starting with the data file of the third quarter of 2002.

\*N(Yxxq) identifies a variable that is added as of the quarterly file indicated. The year and quarter are identified by the 'xx' and 'q' for new variables in the same way as for deleted variables.

\*L indicates that the variable can contain negative values.

## E. ALLOCATION AND RECORD ORIGIN (EXPNO)

Expenditures on the EXPNO files that have been allocated can be identified through their flag variable, which will have a value, set to 'H' (see Section III.C. DATA FLAGS). These expenditures can be recreated using the fields SEQNO and ALCNO. SEQNO is a counter assigned to make records unique. ALCNO is zero for all original expenditure records. If ALCNO is greater than zero, the corresponding expenditure record is the result of allocation of an original record whose expenditure field has been replaced with a blank for that CU. By summing expenditures for records with ALCNO greater than zero and the same SEQNO as the original record, one can arrive at the value which was allocated.

The codes for the variable REC\_ORIG, which are common to every EXPNO file record, can be interpreted as follows:

## CODED

- 1 Data reported in the current quarter's interview.
- 2 Data reported in the previous quarter's interview that are encompassed by the current reference period. These data are brought forward through the reference period adjustment process.
- 3 Data reported in the previous quarter's interview that are encompassed by the current reference period, and this logical record duplicates a logical record from the current interview month. These data are brought forward through the reference period adjustment process; the data duplication is also identified during this process.
- 4 Inventory data reported in previous quarters' interviews brought forward through the inventory update process. No updates are applied to this logical record as none are indicated in the current inventory chart.
- 5 Inventory data reported in previous quarters' interviews brought forward through the inventory update process. Updates are applied based upon data contained in the current inventory chart.
- 6 Data created by the processing system.

## F. DETAILED VARIABLE DESCRIPTIONS

### 1. **CONSUMER UNIT (CU) CHARACTERISTICS AND INCOME FILE (FMLY)**

The "FMLY" file, also referred to as the "Consumer Unit Characteristics and Income" file, contains CU characteristics, CU income, and characteristics and earnings of the reference person and of the spouse. The file includes weights needed to calculate population estimates and variances. (See Sections V. ESTIMATION PROCEDURES and VI. RELIABILITY STATEMENT.)

Summary expenditure variables in this file can be combined to derive quarterly estimates for broad consumption categories. Demographic characteristics, such as family size, refer to the CU status on the date of the interview. Demographic characteristic information may change between interviews if, for example, a member enters or leaves the CU. Income variables contain annual values. Income data are collected in the second and fifth interviews only and cover the 12 months prior to the date of interview. Income data collected in the second interview are copied to the third and fourth interviews. Income data are updated only if a CU member over 13 is new to the CU or has not worked in previous interviews and has now started working. When there is a valid nonresponse, or where nonresponse occurs and there is no imputation, there will be missing values. The type of nonresponse is explained by associated data flag variables described in Section III.C. DATA FLAGS.

**a. CU AND INTERVIEW IDENTIFIERS**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
NEWID	CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5.  It is possible for a CU to skip an interview. For example, a CU could have a 2 <sup>nd</sup> , 3 <sup>rd</sup> and 5 <sup>th</sup> interview but no 4 <sup>th</sup> interview.  BLS derived	1	NUM(8)
HH_CU_Q	Count of CUs in household  BLS derived	3269	NUM(2)
HH_CU_Q_		3271	CHAR(1)
HHID	Identifier of household with more than one CU. Household with only one CU will be set to missing.  BLS derived	3272	NUM(3)
HHID_		3275	CHAR(1)
QINTRVMO	Interview month  Control Card 37	663	CHAR(2)
QINTRVYR	Interview year  Control Card 37	665	CHAR(4)
CUID	Consumer unit identifying variable, constructed using the first seven digits of NEWID BLS derived	4776	NUM(7)
INTERI	Interview number; it is the last digit of NEWID BLS derived	4783	NUM(1)

**b. CU CHARACTERISTICS**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
REGION	Region CODED 1 Northeast 2 Midwest 3 South 4 West  BLS derived	673	CHAR(1)
BLS_URBN	Urban/Rural CODED 1 Urban 2 Rural  BLS derived	49	CHAR(1)
POPSIZE	Population size of the PSU CODED 1 More than 4 million 2 1.20-4 million 3 0.33-1.19 million 4 125-329.9 thousand 5 Less than 125 thousand  BLS derived	639	CHAR(1)
SMSASTAT	Does CU reside inside a Metropolitan Statistical Area (MSA)? CODED 1 Yes 2 No  BLS derived	760	CHAR(1)
STATE	State identifier (see Section IV.A. and Section X.D. for important information)  01 Alabama 02 Alaska RR 04 Arizona *05 Arkansas **06 California 08 Colorado 09 Connecticut 10 Delaware R 11 District of Columbia **12 Florida **13 Georgia 15 Hawaii 16 Idaho **17 Illinois RR**18 Indiana  *28 Mississippi **29 Missouri 31 Nebraska R 32 Nevada R 33 New Hampshire 34 New Jersey *35 New Mexico RR**36 New York **37 North Carolina RR 39 Ohio **40 Oklahoma **41 Oregon 42 Pennsylvania 45 South Carolina *46 South Dakota	3326	CHAR(2)

*19	Iowa	**47	Tennessee
**20	Kansas	48	Texas
21	Kentucky	49	Utah
22	Louisiana	50	Vermont
R*23	Maine	**51	Virginia
24	Maryland	**53	Washington
25	Massachusetts	R54	West Virginia
**26	Michigan	55	Wisconsin
**27	Minnesota		

\* indicates that the STATE code has been suppressed for all sampled Cus in that state (STATE\_ = 'T' for all observations).

\*\* indicates that the STATE code has been suppressed for some sampled Cus in that state (STATE\_ = 'T' for some observations).

R indicates that either all observations from this state have been re-coded or all strata<sup>1</sup> of observations from this state include "re-codes" from other states.

RR indicates that either some observations from this state have been re-coded or at least one stratum<sup>1</sup> of observations from this state includes "re-codes" from other states.

R\* indicates that the STATE code has been suppressed for some sampled Cus in that state and, either STATE has been re-coded or the state includes "re-codes" from other states in all strata<sup>1</sup>.

RR\*\* indicates that the STATE code has been suppressed for some sampled Cus in that state and, either STATE has been re-coded or the state includes "re-codes" from other states in at least one stratum<sup>1</sup>.

1 A STATE stratum is a unique POPSIZE and BLS\_URBN combination.

States not listed are not in the CE sample.

Census derived

STATE_		3328	CHAR(1)
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CUTENURE	Housing tenure CODED	216	CHAR(1)
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- 1 Owned with mortgage
- 2 Owned without mortgage
- 3 Owned mortgage not reported
- 4 Rented
- 5 Occupied without payment of cash rent
- 6 Student housing

BLS derived

CUTE_URE		217	CHAR(1)
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FAM_SIZE	Number of members in CU	242	NUM(2)
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BLS derived

FAM__IZE		244	CHAR(1)
AS_COMP1	Number of males age 16 and over in CU BLS derived	26	NUM(2)
AS_C_MP1		28	CHAR(1)
AS_COMP2	Number of females age 16 and over in CU BLS derived	29	NUM(2)
AS_C_MP2		31	CHAR(1)
AS_COMP3	Number of males age 2 through 15 in CU BLS derived	32	NUM(2)
AS_C_MP3		34	CHAR(1)
AS_COMP4	Number of females age 2 through 15 in CU BLS derived	35	NUM(2)
AS_C_MP4		37	CHAR(1)
AS_COMP5	Number of members under age 2 in CU BLS derived	38	NUM(2)
AS_C_MP5		40	CHAR(1)
PERSLT18	Number of children less than 18 in CU BLS derived	633	NUM(2)
PERS_T18		635	CHAR(1)
PERSOT64	Number of persons over 64 in CU BLS derived	636	NUM(2)
PERS_T64		638	CHAR(1)

CHILDAGE	Age of children of reference person CODED 0 No children 1 All children less than 6 2 Oldest child between 6 and 11 and at least one child less than 6 3 All children between 6 and 11 4 Oldest child between 12 and 17 and at least one child less than 12 5 All children between 12 and 17 6 Oldest child greater than 17 and at least one child less than 17 7 All children greater than 17  BLS derived	3322	CHAR(1)
CHIL_AGE		3323	CHAR(1)
*FAM_TYPE	CU type is based on relationship of members to reference person. "Own" children include blood-related sons and daughters, step children and adopted children. CODED 1 Husband and wife (H/W) only 2 H/W, own children only, oldest child under 6 years old 3 H/W, own children only, oldest child 6 to 17 years old 4 H/W, own children only, oldest child over 17 years old *5 All other H/W Cus *6 One parent, male, own children only, at least one child age under 18 years old *7 One parent, female, own children only, at least one child age under 18 years old 8 Single persons 9 Other Cus  BLS derived	245	CHAR(1)
FAM__YPE		246	CHAR(1)
NO_EARNR	Number of earners  BLS derived	556	NUM(2)
NO_E_RNR		558	CHAR(1)

*EARNCOMP	Composition of earners CODED 1 Reference person only 2 Reference person and spouse *3 Reference person, spouse and others *4 Reference person and others *5 Spouse only *6 Spouse and others *7 Others only *8 No earners  BLS derived	221	CHAR(1)
EARN_OMP		222	CHAR(1)
PRINEARN	Member number (MEMBNO in the MEMB files) of the principal earner.  BLS derived	640	CHAR(2)
PRIN_ARN		642	CHAR(1)
VEHQ	Number of owned vehicles  BLS derived	809	NUM(2)
VEHQ_		811	CHAR(1)
NUM_AUTO	Number of owned automobiles  BLS derived	581	NUM(2)
NUM__UTO		583	CHAR(1)
VEHQL	Total number of leased autos, trucks and vans  BLS derived	3456	NUM(2)
VEHQL_		3458	CHAR(1)
NUM_TVAN	Total number of owned trucks and vans  BLS derived	3459	NUM(2)
NUM__VAN		3461	CHAR(1)

INCLASS	Income class of CU based on income before taxes (Codes 01 through 09 are for Cus considered complete reporters of income). CODED 01 Less than \$5,000 02 \$5,000 to \$9,999 03 \$10,000 to \$14,999 04 \$15,000 to \$19,999 05 \$20,000 to \$29,999 06 \$30,000 to \$39,999 07 \$40,000 to \$49,999 08 \$50,000 to \$69,999 09 \$70,000 and over 10 Incomplete income reported  BLS derived	3324	CHAR(2)
INCLASS2	Income class based on INC_RANK  CODED 1 Less than 0.1667 2 0.1667 – 0.3333 3 0.3334 – 0.4999 4 0.5000 – 0.6666 5 0.6667 – 0.8333 6 0.8334 – 1.0000 7 Incomplete reporting  BLS derived	4774	CHAR(1)
INCL_SS2		4775	CHAR(1)
RESPSTAT	Completeness of income response CODED 1 Complete income respondent 2 Incomplete income respondent  BLS derived	681	CHAR(1)
RESP_TAT		682	CHAR(1)
INC_RANK	Weighted cumulative percent income ranking of CU to total population. Ranking based on income before taxes for complete reporters. Rank of incomplete income reporters is set to zero.  BLS derived	435	NUM(9,7)
INC__ANK		445	CHAR(1)

INC_RNKU	Weighted cumulative percent income ranking of CU to urban population. Ranking based on income before taxes for complete reporters (urban CUs only). Rank of incomplete income reporters and rural CUs are set to zero.  BLS derived	446	NUM(9,7)
INC__NKU		455	CHAR(1)
ERANKMTH	Dollar amount used for expenditure ranking (ERANKH and ERANKUH) based on expenditure outlays made during the reference (interview) period. Includes all mortgage and vehicle principal payments; excludes outlays for items collected only in the fifth interview.  *L  BLS derived	3356	NUM (11,4)
ERAN_MTH		3367	CHAR(1)
ERANKH	Weighted cumulative percent expenditure outlay ranking of CU to total population. Expenditure outlay is based on ERANKMTH. The value is a number between 0 and 1. Rank of incomplete income reporters is blank.  BLS derived	3368	NUM (8,7)
ERANKH_		3377	CHAR(1)
ERANKUH	Weighted cumulative percent expenditure outlay ranking of CU to urban population. Expenditure outlay is based on ERANKMTH. The value is a number between 0 and 1. Rank of incomplete income reporters is blank.  BLS derived	3378	NUM (8,7)
ERANKUH_		3386	CHAR(1)
POV_CY	Is CU income below current year's poverty threshold? (Income is defined as FINCBTAX-JFDSTMPA.) CODED 1 Yes 2 No  BLS derived	3276	CHAR(1)
POV_CY_		3277	CHAR(1)
POV_PY	Is CU income below previous year's poverty threshold? (Income is defined as FINCBTAX-JFDSTMPA.) CODED 1 Yes 2 No  BLS derived	3278	CHAR(1)

POV_PY_		3279	CHAR(1)
POVLEVCY	Poverty threshold for this CU in the Current year.	4182	NUM(8)
POVL_VCY		4190	CHAR(1)
POVLEVPY	Poverty threshold for this CU in the previous year.	4191	NUM(8)
POVL_VPY		4199	CHAR(1)
*CUINCOME	Total CU Income	3435	CHAR(2)
	CODED		
	2 Loss		
	02 Under \$3,000		
	03 \$3,000 to \$5,999		
	04 \$6,000 to \$7,499		
	05 \$7,500 to \$9,999		
	06 \$10,000 to \$12,999		
	07 \$13,000 to \$14,999		
	08 \$15,000 to \$19,999		
	09 \$20,000 to \$24,999		
	10 \$25,000 to \$29,999		
	11 \$30,000 to \$34,999		
	12 \$35,000 to \$49,999		
	13 \$50,000 to \$74,999		
	14 \$75,000+		
	*15 Refused <b>D(Y032)</b>		
	CAPI Section 24 (S24 1)		
CUIN_OME		3437	CHAR(1)
RECORDS	In answering questions about expenses, did the respondent consult bills, receipts, check stubs, expense books, tax returns, or other records?	3438	CHAR(1)
	CODED		
	1 Always		
	2 Almost always		
	3 Mostly		
	4 Occasionally		
	5 Almost never		
	6 Never		
	CAPI Section 1 (S01A 8c)		
RECORDS_		3439	CHAR(1)
TYPEREC1	If any bills, receipts, or records were used, which ones did the respondent(s) use to give cost information?	3440	CHAR(1)
	CODED		
	1 Bills		
	CAPI Section 1 (01A 8d)		
TYPE_EC1		3441	CHAR(1)

TYPEREC2	See TYPEREC1 for question and source. CODED 2 Checkbook ledger or stubs	3442	CHAR(1)
TYPE_EC2		3443	CHAR(1)
TYPEREC3	See TYPEREC1 for question and source. CODED 3 Canceled checks	3444	CHAR(1)
TYPE_EC3		3445	CHAR(1)
TYPEREC4	See TYPEREC1 for question and source. CODED 4 Receipts of purchase (sales slip)	3446	CHAR(1)
TYPE_EC4		3447	CHAR(1)
TYPEREC5	See TYPEREC1 for question and source. CODED 5 Home file (provided by Census Bureau)	3448	CHAR(1)
TYPE_EC5		3449	CHAR(1)
TYPEREC6	See TYPEREC1 for question and source. CODED 6 Contracts or agreements	3450	CHAR(1)
TYPE_EC6		3451	CHAR(1)
TYPEREC7	See TYPEREC1 for question and source. CODED 7 Bank statements	3452	CHAR(1)
TYPE_EC7		3453	CHAR(1)
TYPEREC8	See TYPEREC1 for question and source. CODED 8 Other	3454	CHAR(1)
TYPE_EC8		3455	CHAR(1)

**c. CHARACTERISTICS OF REFERENCE PERSON AND SPOUSE**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
AGE_REF	Age of reference person	11	NUM(2)
	BLS derived		
AGE_REF_		13	CHAR(1)

*REF_RACE	Race of reference person CODED 1 White 2 Black *3 American Indian, Aleut, or Eskimo <b>D(Y032)</b> *4 Asian or Pacific Islander <b>D(Y032)</b> *3 Native American <b>N(Y032)</b> *4 Asian <b>N(Y032)</b> *5 Pacific Islander <b>N(Y032)</b> *6 Multi-race <b>N(Y032)</b>	671	CHAR(1)
	BLS derived		
REF__ACE		672	CHAR(1)
SEX_REF	Sex of reference person CODED 1 Male 2 Female	738	CHAR(1)
	BLS derived		
SEX_REF_		739	CHAR(1)
MARITAL1	Marital status of reference person CODED 1 Married 2 Widowed 3 Divorced 4 Separated 5 Never married	536	CHAR(1)
	BLS derived		
MARI_AL1		537	CHAR(1)

* ORIGIN1	Origin or ancestry of reference person CODED	599	CHAR(1)
	<ul style="list-style-type: none"> <li>1 European: <ul style="list-style-type: none"> <li>German</li> <li>Italian</li> <li>Irish</li> <li>French</li> <li>Polish</li> <li>Russian</li> <li>English</li> <li>Scottish</li> <li>Dutch</li> <li>Swedish</li> <li>Hungarian</li> </ul> </li> <li>2 Spanish: <ul style="list-style-type: none"> <li>Mexican American</li> <li>Chicano</li> <li>Mexican</li> <li>Puerto Rican</li> <li>Cuban</li> <li>Central or South American</li> <li>Other Spanish</li> </ul> </li> <li>3 Afro-American (Black or Negro)</li> <li>4 Another group not listed / Don't know</li> </ul>		
	BLS derived <b>D(Y032)</b>		
*ORIGIN1_	<b>D(Y032)</b>	600	CHAR(1)
EDUC_REF	Education of reference person CODED	233	CHAR(2)
	<ul style="list-style-type: none"> <li>00 Never attended school</li> <li>10 First through eighth grade</li> <li>11 Ninth through twelfth grade (no H.S. diploma)</li> <li>12 High school graduate</li> <li>13 Some college, less than college graduate</li> <li>14 Associate's degree (occupational/vocational or academic)</li> <li>15 Bachelor's degree</li> <li>16 Master's degree</li> <li>17 Professional/Doctorate degree</li> </ul>		
	BLS derived		
EDUC0REF		235	CHAR(1)
AGE2	Age of spouse	14	NUM(2)
	BLS derived		
AGE2_		16	CHAR(1)

*RACE2	Race of spouse CODED – same as REF_RACE  BLS derived	669	CHAR(1)
RACE2_		670	CHAR(1)
SEX2	Sex of spouse CODED – same as SEX_REF  BLS derived	740	CHAR(1)
SEX2_		741	CHAR(1)
*ORIGIN2	Origin or ancestry of spouse CODED – same as ORIGIN1  BLS derived <b>D(Y032)</b>	601	CHAR(1)
*ORIGIN2_	<b>D(Y032)</b>	602	CHAR(1)
EDUCA2	Education of spouse CODED – same as EDUC_REF  BLS derived	236	CHAR(2)
EDUCA2_		238	CHAR(1)
*HORREF1	Hispanic Origin of the Reference Person CODED 1 Mexican 2 Mexican-American 3 Chicano 4 Puerto Rican 5 Cuban 6 Cuban-American 7 Central or South American 8 Other Hispanic Control Card <b>N(Y032)</b>	4784	CHAR(1)
*HORREF1_		4785	CHAR(1)
*HORREF2	Hispanic Origin of the spouse CODED - same as HORREF1 <b>N(Y032)</b>	4786	CHAR (1)
*HORREF2_		4787	CHAR(1)

d. WORK EXPERIENCE OF REFERENCE PERSON AND SPOUSE

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
INCWEEK1	Number of weeks worked by reference person full or part time in last 12 months, including paid vacation and paid sick leave  BLS derived	482	NUM(2)
INCW_EK1		484	CHAR(1)
INC_HRS1	Number of hours usually worked per week by reference person  BLS derived	427	NUM(3)
INC__RS1		430	CHAR(1)
OCCUCOD1	The job in which reference person received the most earnings during the past 12 months best fits the following category. CODED Manager, professional 01 Administrator, manager 02 Teacher 03 Professional Administrative support, technical, sales 04 Administrative support, including clerical 05 Sales, retail 06 Sales, business goods and services 07 Technician Service 08 Protective service 09 Private household service 10 Other service Operator, assembler, laborer 11 Machine operator, assembler, inspector 12 Transportation operator 13 Handler, helper, laborer Precision production, craft, repair 14 Mechanic, repairer, precision production 15 Construction, mining Farming, forestry, fishing 16 Farming 17 Forestry, fishing, groundskeeping Armed forces 3 Armed forces  BLS derived	593	CHAR(2)
OCCU_OD1		595	CHAR(1)

INCOMEY1	Employer from which reference person received the most earnings in past 12 months CODED 1 Private company, business or individual 2 Federal government 3 State government 4 Local government 5 Self-employed in own business, professional practice or farm 6 Family business or farm, working without pay  BLS derived	478	CHAR(1)
INCO_EY1		479	CHAR(1)
INCNONW1	Reason reference person did not work during the past 12 months CODED 1 Retired 2 Taking care of home/CU 3 Going to school 4 Ill, disabled, unable to work 5 Unable to find work 6 Doing something else  BLS derived	474	CHAR(1)
INCN_NW1		475	CHAR(1)
INCWEEK2	Number of weeks worked by spouse full or part time in last 12 months, including paid vacation and paid sick leave  BLS derived	485	NUM(2)
INCW_EK2		487	CHAR(1)
INC_HRS2	Number of hours usually worked per week by spouse  BLS derived	431	NUM(3)
INC__RS2		434	CHAR(1)
OCCUCOD2	Job in which spouse received the most earnings during the past 12 months CODED – same as OCCUCOD1  BLS derived	596	CHAR(2)
OCCU_OD2		598	CHAR(1)
INCOMEY2	Employer from which spouse received most earnings during the past 12 months CODED – same as INCOMEY1  BLS derived	480	CHAR(1)

INCO_EY2		481	CHAR(1)
INCNONW2	Reason spouse did not work during the past 12 months CODED – same as INCNONW1	476	CHAR(1)
	BLS derived		
INCN_NW2		477	CHAR(1)

e. **INCOME**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
FINCBTAX	Amount of CU income before taxes in past 12 months (FSALARYX + FNONFRMX + FFRMINCX + FRRETIRX + FSSIX + UNEMPLX + COMPENSX + WELFAREX + INTEARNX + FININCX + PENSIONX + INCLOSSA + INCLOSSB + ALIOTHX + CHDOTHX + OTHRINCX + COMPNSBX+ UNEMPLBX+ WELFREBX+ INTERNBX+ FININCBX+ INCLSABX+ PNSIONBX+ INCLSBBX+ CHDOTHBX+ ALIOTHBX+ OTRINCBX+ FOODSMPX+ FOODSPBX) *L BLS derived	303	NUM(9)
FINCBT_X		312	CHAR(1)
FINCATAX	Amount of CU income after taxes in past 12 months (FINCBTAX – TOTTXPDX) *L BLS derived	293	NUM(9)
FINCAT_X		302	CHAR(1)
EARNINCX	Amount of earned income before taxes by CU in past 12 months (FSALARYX + FNONFRMX + FFRMINCX) *L BLS derived	223	NUM(9)
EARN_NCX		232	CHAR(1)

NO_EARNX	Amount of CU income other than earnings before taxes in past 12 months (FRRETIRX + FSSIX + UNEMPLX + COMPENSX + WELFAREX + INTEARNX + FININCX + PENSIONX + INCLOSSA + INCLOSSB + ALIOTHX + CHDOTHX + OTHRINCX + UNEMPLBX + COMPNSBX + WELFREBX + INTERNBX + FININCBX + PNSIONBX + INCLSABX + INCLSBBX + ALIOTHBX + CHDOTHBX + OTRINCBX + FOODSMPX + FOODSPBX).	559	NUM(9)
	*L		
	BLS derived		
NO_E_RNX		568	CHAR(1)
FSALARYX	Amount of wage and salary income before deductions received by all CU members in past 12 months (sum SALARYX + SALARYBX from MEMB file for all CU members)	388	NUM(8)
	BLS derived		
FSAL_RYX		396	CHAR(1)
FNONFRMX	Amount of income or loss from nonfarm business, partnership or professional practice received by all CU members in past 12 months (sum NONFARMX + NONFRMBX from MEMB file for all CU members)	351	NUM(9)
	*L		
	BLS derived		
FNON_RMX		360	CHAR(1)
FFRMINCX	Amount of income or loss from own farm received by all CU members in past 12 months (sum FARMINCX + FRMINCBX from MEMB file for all CU members)	274	NUM(9)
	*L		
	BLS derived		
FFRM_NCX		283	CHAR(1)
FRRETIRX	Amount of Social Security and Railroad Retirement income prior to deductions for medical insurance and Medicare received by all CU members in past 12 months (sum SOCRRX from MEMB file for all CU members)	379	NUM(8)
	BLS derived		
FRRE_IRX		387	CHAR(1)
FSSIX	Amount of Supplemental Security Income from all sources received by all CU members in past 12 months (sum SSIX + SSIBX from MEMB file for all members)	406	NUM(8)
	BLS derived		

FSSIX_		414	CHAR(1)
UNEMPLX	During the past 12 months, what was the total amount of income from unemployment compensation received by ALL CU members?	791	NUM(8)
	CAPI Section 22 (S 22B 4b)		
UNEMPLX_		799	CHAR(1)
UNEMPLB	Bracketed variable for UNEMPLX	4644	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 4c)		
UNEMPLB_		4646	CHAR(1)
UNEMPLBX	Median of bracket range of UNEMPLB	4647	NUM(6)
	BLS derived		
UNEM_LBX		4653	CHAR(1)
COMPENSX	During the past 12 months, what was the total amount of income from workers' compensation or veterans' benefits, including education benefits, but excluding military retirement, received by ALL CU members?	165	NUM(8)
	CAPI Section 22 (S 22B 5b)		
COMP_NSX		173	CHAR(1)

COMPENSB	Bracketed variable for COMPENSX	4654	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 5c)		
COMP_NSB		4656	CHAR(1)
COMPNSBX	Median of bracket range of COMPENSB	4657	NUM(6)
	BLS derived		
COMP_SBX		4663	CHAR(1)
WELFAREX	During the past 12 months, what was the total amount of income from public assistance or welfare including money received from job training grants such as Job Corps received by ALL CU members?	832	NUM(8)
	CAPI Section 22 (S 22B 6b)		
WELF_REX		840	CHAR(1)
WELFAREB	Bracketed variable for WELFAREX	4664	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 6c)		
WELF_REB		4666	CHAR(1)

WELFREBX	Median of bracket range of WELFAREB BLS derived	4667	NUM(6)
WELF_EBX		4673	CHAR(1)
INTEARNX	During the past 12 months, what was the total amount of income from interest on savings accounts or bonds received by ALL CU members? CAPI Section 22 (S 22B 1b)	497	NUM(8)
INTE_RNX		505	CHAR(1)
INTEARNB	Bracketed variable for INTEARNX CODED 01 \$0 - \$999 02 \$1,000 - \$1,999 03 \$2,000 - \$2,999 04 \$3,000 - \$3,999 05 \$4,000 - \$4,999 06 \$5,000 - \$9,999 07 \$10,000 - \$14,999 08 \$15,000 - \$19,999 09 \$20,000 - \$29,999 10 \$30,000 - \$39,999 11 \$40,000 - \$49,999 12 \$50,000 and over CAPI Section 22 (S 22B 1c)	4614	CHAR(2)
INTE_RNB		4616	CHAR(1)
INTERNBX	Median of bracket range of INTEARNB BLS derived	4617	NUM(6)
INTE_NBX		4623	CHAR(1)
FININCX	During the past 12 months, what was the total amount of regular income from dividends, royalties, estates, or trusts received by ALL CU members? CAPI Section 22 (S 22B 2b)	322	NUM(8)
FININCX_		330	CHAR(1)

FININCB	Bracketed variable for FININCX	4624	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 2c)		
FININCB_		4626	CHAR(1)
FININCBX	Median of bracket range of FININCB	4627	NUM(6)
	BLS derived		
FINI_CBX		4633	CHAR(1)
PENSIONX	During the past 12 months, what was the total amount of income from pensions or annuities from private companies, military, Government, IRA, or Keogh received by ALL CU members?	624	NUM(8)
	CAPI Section 22 (S 22B 3b)		
PENS_ONX		632	CHAR(1)
PENSIONB	Bracketed variable for PENSIONX	4634	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 3c)		
PENS_ONB		4636	CHAR(1)

PNSIONBX	Median of bracket range of PENSIONB BLS derived	4637	NUM(6)
PNSI_NBX		4643	CHAR(1)
INCLOSSA	During the past 12 months, how much net income or loss was received from roomers or boarders? *L CAPI Section 22 (S 22B 8a)	456	NUM(8)
INCL_SSA		464	CHAR(1)
INCLOSAB	Bracketed variable for INCLOSSA CODED 00 Loss 01 \$0 - \$999 02 \$1,000 - \$1,999 03 \$2,000 - \$2,999 04 \$3,000 - \$3,999 05 \$4,000 - \$4,999 06 \$5,000 - \$9,999 07 \$10,000 - \$14,999 08 \$15,000 - \$19,999 09 \$20,000 - \$29,999 10 \$30,000 - \$39,999 11 \$40,000 - \$49,999 12 \$50,000 and over CAPI Section 22 (S 22B 8b)	4694	CHAR(2)
INCL_SAB		4696	CHAR(1)
INCLSABX	Median of bracket range of INCLOSAB *L BLS derived	4697	NUM(6)
INCL_ABX		4703	CHAR(1)
INCLOSSB	During the past 12 months, how much net income or loss was received from payments from other rental units? *L CAPI Section 22 (S 22B 8c)	465	NUM(8)
INCL_SSB		473	CHAR(1)

INCLOSBB	Bracketed variable for INCLOSSB	4704	CHAR(2)
	CODED		
	00 Loss		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 8d)		
INCL_SBB		4706	CHAR(1)
INCLSBBX	Median of bracket range of INCLOSBB	4707	NUM(6)
	*L		
	BLS derived		
INCL_BBX		4713	CHAR(1)
CHDOTHX	During the past 12 months, what was the total amount of income from child support payments in other than a lump sum amount received by ALL CU members?	3329	NUM(8)
	CAPI Section 22 (S 22B 9d)		
CHDOTHX_		3337	CHAR(1)
CHDOTHB	Bracketed variable for CHDOTHX	4724	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 9e)		
CHDOTHB_		4726	CHAR(1)

CHDOTHBX	Median of bracket range of CHDOTHB BLS derived	4727	NUM(6)
CHDO_HBX		4733	CHAR(1)
ALIOTHX	During the past 12 months, what was the total amount of income from regular contributions from alimony and other sources such as from persons outside the CU received by ALL CU members?  CAPI Section 22 (S 22B 9h)	3338	NUM(8)
ALIOTHX_		3346	CHAR(1)
ALIOTHB	Bracketed variable for ALIOTHX  CODED 01 \$0 - \$999 02 \$1,000 - \$1,999 03 \$2,000 - \$2,999 04 \$3,000 - \$3,999 05 \$4,000 - \$4,999 06 \$5,000 - \$9,999 07 \$10,000 - \$14,999 08 \$15,000 - \$19,999 09 \$20,000 - \$29,999 10 \$30,000 - \$39,999 11 \$40,000 - \$49,999 12 \$50,000 and over  CAPI Section 22 (S 22B 9i)	4734	CHAR(2)
ALIOTHB_		4736	CHAR(1)
ALIOTHBX	Median of bracket range of ALIOTHB BLS derived	4737	NUM(6)
ALIO_HBX		4743	CHAR(1)
OTHRINCX	During the past 12 months, what was the total amount of other money income including money received from cash scholarships and fellowships, stipends not based on working, or from the care of foster children received by ALL CU members?  CAPI Section 22 (S 22B 12b)	615	NUM(8)
OTHR_NCX		623	CHAR(1)

OTHRINCB	Bracketed variable for OTHRINCX	4764	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 12c)		
OTHR_NCB		4766	CHAR(1)
OTRINCBX	Median of bracket range of OTHRINCB	4767	NUM(6)
	BLS derived		
OTRI_CBX		4773	CHAR(1)
*FOODSMPQ	Number of months, during the last 12 months, food stamps received	4674	NUM(2)
	S 22B 7b		
	<b>D(Y032)</b>		
*FOOD_MPQ	<b>D(Y032)</b>	4676	CHAR(1)
FOODSMPX	Value of all food stamps and electronic benefits received	4677	NUM(6)
	CAPI Section 22 (S 22B 7c)		
FOOD_MPX		4683	CHAR(1)

FOODSMPB Bracketed variable for FOODSMPX 4684 CHAR(2)

CODED

- 01 \$0 - \$999
- 02 \$1,000 - \$1,999
- 03 \$2,000 - \$2,999
- 04 \$3,000 - \$3,999
- 05 \$4,000 - \$4,999
- 06 \$5,000 - \$9,999
- 07 \$10,000 - \$14,999
- 08 \$15,000 - \$19,999
- 09 \$20,000 - \$29,999
- 10 \$30,000 - \$39,999
- 11 \$40,000 - \$49,999
- 12 \$50,000 and over

CAPI Section 22 (S 22B 7d)

FOOD\_MPB 4686 CHAR(1)

FOODSPBX Median of bracket range of FOODSMPB 4687 NUM(6)

BLS derived

FOOD\_PBX 4693 CHAR(1)

f. **OTHER MONEY RECEIPTS**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NONINCMX	Amount of other money receipts excluded from CU income before taxes received by CU in past 12 months (LUMPSUMX + LMPSUMBX+ SALEINCX + SALINCXBX + SSOVERPX + INSRFNDX + PTAXRFDX + CHDLMPX + CHDLMBX)	572	NUM(8)
	BLS derived		
NONI_CMX		580	CHAR(1)
LUMPSUMX	During the past 12 months, what was the total amount received from lump sum payments from estates, trusts, royalties, alimony, prizes, games of chance, or from persons outside of the CU by ALL CU members?	527	NUM(8)
	CAPI Section 22 (S 22B 10b)		
LUMP_UMX		535	CHAR(1)

LUMPSUMB	Bracketed variable for LUMPSUMX	4744	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 10c)		
LUMP_UMB		4746	CHAR(1)
LMPSUMBX	Median of bracket range of LUMPSUMB	4747	NUM(6)
	BLS derived		
LMPS_MBX		4753	CHAR(1)
CHDLMPX	During the past 12 months, what was the total amount received from a one time lump sum payment for child support by ALL CU members?	3347	NUM(8)
	CAPI Section 22 (S 22B 9b)		
CHDLMPX_		3355	CHAR(1)
CHDLMPB	Bracketed variable for CHDLMPX	4714	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 9c)		
CHDLMPB_		4716	CHAR(1)

CHDLMPBX	Median of bracket range of CHDLMPB BLS derived	4717	NUM(6)
CHDL_PBX		4723	CHAR(1)
SALEINCX	During the past 12 months, what was the total amount received from the sale of household furnishings, equipment, clothing, jewelry, pets or other belongings, excluding the sale of vehicles or property by ALL CU members?  CAPI Section 22 (S 22B 11b)	687	NUM(8)
SALE_NCX		695	CHAR(1)
SALEINCB	Bracketed variable for SALEINCX  CODED 01 \$0 - \$999 02 \$1,000 - \$1,999 03 \$2,000 - \$2,999 04 \$3,000 - \$3,999 05 \$4,000 - \$4,999 06 \$5,000 - \$9,999 07 \$10,000 - \$14,999 08 \$15,000 - \$19,999 09 \$20,000 - \$29,999 10 \$30,000 - \$39,999 11 \$40,000 - \$49,999 12 \$50,000 and over  CAPI Section 22 (S 22B 11c)	4754	CHAR(2)
SALE_NCB		4756	CHAR(1)
SALINCBX	Median of bracket range of SALEINCB BLS derived	4757	NUM(6)
SALI_CBX		4763	CHAR(1)
SSOVERPX	During the past 12 months, what was the total amount of refund received from overpayment on Social Security by ALL CU members?  CAPI Section 22 (S 22B 13c)	761	NUM(8)
SSOV_RPX		769	CHAR(1)
INSRFNDX	During the past 12 months, what was the total amount of refund received from insurance policies by ALL CU members?  CAPI Section 22 (S 22B 13d)	488	NUM(8)
INSR_NDX		496	CHAR(1)

PTAXRFDX	During the past 12 months, what was the total amount of refund received from property taxes by ALL CU members?  CAPI Section 22 (S 22B 13e)	643	NUM(8)
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PTAX_FDX		651	CHAR(1)
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**g. TAXES**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
TOTTXPDX	Amount of personal taxes paid by CU in past 12 months (FAMTFEDX + FSLTAXX + FEDTAXX + SLOCTAXX + TAXPROPX + MISCTAXX - (FEDRFNDX + SLRFUNDX + OTHRFNDX)) *L  BLS derived	781	NUM(9)
TOTT_PDX		790	CHAR(1)
FAMTFEDX	Amount of Federal income tax deducted from last pay annualized for all CU members (sum ANFEDTX from MEMB file for all CU members)  BLS derived	247	NUM(8)
FAMT_EDX		255	CHAR(1)
FEDTAXX	During the past 12 months, what was the total amount PAID for Federal income tax, in addition to that withheld from earnings, by ALL CU members?  CAPI Section 22 (S 22B 14a)	265	NUM(8)
FEDTAXX_		273	CHAR(1)
FEDRFNDX	During the past 12 months, what was the total amount of refund received from Federal income tax by ALL CU members?  CAPI Section 22 (S 22B 13a)	256	NUM(8)
FEDR_NDX		264	CHAR(1)
FSLTAXX	Amount of state and local income taxes deducted from last pay annualized for all CU members (sum ANSLTX from MEMB file for all CU members)  BLS derived	397	NUM(8)
FSLTAXX_		405	CHAR(1)

SLOCTAXX	During the past 12 months, what was the total amount PAID for state and local income taxes, in addition to that withheld from earnings, by ALL CU members?  CAPI Section 22 (S 22B 14b)	742	NUM(8)
SLOC_AX		750	CHAR(1)
SLRFUNDX	During the past 12 months, what was the total amount of refund received from state and local income tax by ALL CU members?  CAPI Section 22 (S 22B 13b)	751	NUM(8)
SLRF_NDX		759	CHAR(1)
TAXPROP	During the past 12 months, what was the total amount PAID for personal property taxes <b>for vehicles</b> by ALL CU members?  CAPI Section 22 (S 22B 14c)	772	NUM(8)
TAXP_OPX		780	CHAR(1)
MISCTAXX	During the past 12 months, what was the total amount PAID for <b>personal property taxes</b> and other taxes not reported elsewhere by ALL CU members?  CAPI Section 22 (S 22B 14d)	515	NUM(8)
MISC_AX		523	CHAR(1)
OTHRFN	During the past 12 months, what was the total amount of refund received from other sources, including any other taxes, by ALL CU members?  CAPI Section 22 (S 22B 13f)	606	NUM(8)
OTHR_NDX		614	CHAR(1)

**h. RETIREMENT AND PENSION DEDUCTIONS**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
FJSSDEDX	Estimated amount of income contributed to Social Security by all CU members in past 12 months (sum JSSDEDX from MEMB file for all CU members)  BLS derived	342	NUM(8)
FJSS_EDX		350	CHAR(1)

FRRDEDX	Amount of Railroad Retirement deducted from last pay annualized for all CU members (sum ANRRDEDX from MEMB file for all CU members)  BLS derived	370	NUM(8)
FRRDEDX_		378	CHAR(1)
FGOVRETX	Amount of government retirement deducted from last pay annualized for all CU members (sum ANGOVRTX from MEMB file for all CU members)  BLS derived	284	NUM(8)
FGOV_ETX		292	CHAR(1)
FPRIPENX	Amount of private pensions deducted from last pay annualized for all CU members (sum ANPRVPNX from MEMB file for all CU members)  BLS derived	361	NUM(8)
FPRI_ENX		369	CHAR(1)
FINDRETX	Amount of money placed in an individual retirement plan, such as an IRA or Keogh, by all CU members in past 12 months (sum INDRETX from MEMB file for all CU members)  BLS derived	313	NUM(8)
FIND_ETX		321	CHAR(1)

j. **FINANCIAL INFORMATION** (only collected in the 5<sup>th</sup> interview)

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
SAVACCTX	On the last day of ( <i>last month</i> ), what was the total amount your CU had in savings accounts in banks, savings and loans, credit unions, and similar accounts?  CAPI Section 22 (S22G.S 1a)	696	NUM(10)
SAVA_CTX		706	CHAR(1)

COMPSAV	How does the amount your CU had at the end of the last day of ( <i>last month</i> ) compare with the amount your CU had on the last day of ( <i>last month, one year ago</i> ) in savings accounts? CODED 1 Same 2 More 3 Less  CAPI Section 22 (S22G.S 2a)	185	CHAR(1)
COMPSAV_		186	CHAR(1)
COMPSAVX	How much more (less) in savings accounts? *L  CAPI Section 22 (S22G.S 2a)	187	NUM(8)
COMP_AVX		195	CHAR(1)
CKBKACTX	On the last day of ( <i>last month</i> ), what was the total amount your CU had in checking accounts, brokerage accounts and other similar accounts?  CAPI Section 22 (S22G.S 1b)	85	NUM(10)
CKBK_CTX		95	CHAR(1)
COMPCKG	How does the amount your CU had at the end of the last day of ( <i>last month</i> ) compare with the amount your CU had on the last day of ( <i>last month, one year ago</i> ) in checking accounts? CODED 1 Same 2 More 3 Less  CAPI Section 22 (S22G.S 2b)	154	CHAR(1)
COMPCKG_		155	CHAR(1)
COMPCKGX	How much more (less) in checking accounts? *L  CAPI Section 22 (S22G.S 2b)	156	NUM(8)
COMP_KGX		164	CHAR(1)
USBNDX	On the last day of ( <i>last month</i> ), what was the total amount your CU had in U.S. Savings bonds?  CAPI Section 22 (S22G.S 1c)	800	NUM(8)
USBNDX_		808	CHAR(1)

COMPBND	How does the amount your CU had at the end of the last day of ( <i>last month</i> ) compare with the amount your CU had on the last day of ( <i>last month, one year ago</i> ) in U.S. Savings bonds? CODED 1 Same 2 More 3 Less  CAPI Section 22 (S22G.S 2c)	143	CHAR(1)
COMPBND_		144	CHAR(1)
COMPBNDX	How much more (less) in U.S. Savings bonds? *L  CAPI Section 22 (S22G.S 2c)	145	NUM(8)
COMP_NDX		153	CHAR(1)
SECESTX	What was the estimated value of securities, such as stocks, mutual funds, private bonds, government bonds or Treasury notes owned by you (or any members of your CU) on the last day of ( <i>last month</i> )?  CAPI Section 22 (S22G.S 3b)	707	NUM(10)
SECESTX_		717	CHAR(1)
COMPSEC	How does this compare with the value of such securities your CU held on the last day of ( <i>last month, one year ago</i> )? CODED 1 Same 2 More 3 Less  CAPI Section 22 (S22G.S 3c)	196	CHAR(1)
COMPSEC_		197	CHAR(1)
COMPSECX	How much more (less) is the estimated value of such securities? *L  CAPI Section 22 (S22G.S 3c)	198	NUM(8)
COMP_ECX		206	CHAR(1)
PURSSECX	During the past 12 months, what was the purchase price including broker fees of any stocks, mutual funds or bonds bought by you (or any members of your CU)?  CAPI Section 22 (S22G.S 4)	654	NUM(8)
PURS_ECX		662	CHAR(1)

SELLSECX	During the past 12 months, what was the net amount received from sales of any stocks, mutual funds or bonds after subtracting broker fees by you (or any members of your CU)?  CAPI Section 22 (S22G.S 5)	718	NUM(10)
SELL_ECX		728	CHAR(1)
BSINVSTX	During the past 12 months, how much did you (or any members of your CU) invest in your own business or farm?  CAPI Section 22 (S22G.S 6)	50	NUM(10)
BSIN_STX		60	CHAR(1)
WDBSASTX	During the past 12 months, what was the value of any assets you (or any members of your CU) withdrew from your own business or farm?  CAPI Section 22 (S22G.S 7)	812	NUM(10)
WDBS_STX		822	CHAR(1)
WDBSGDSX	During the past 12 months, what was the value of any goods or services you (or any members of your CU) withdrew from your own farm or business for personal use?  CAPI Section 22 (S22G.S 8b)	823	NUM(8)
WDBS_DSX		831	CHAR(1)
MONYOWDX	How much was owed by anyone outside of your CU to you or any member of your CU on the last day of ( <i>last month, one year ago</i> )?  CAPI Section 22 (S22G.S 10)	547	NUM(8)
MONY_WDX		555	CHAR(1)
COMPOWD	How does the amount owed to your CU on the last day of ( <i>last month</i> ) compare with the amount owed to your CU by persons outside your CU on the last day of ( <i>last month, one year ago</i> )? CODED 1 Same 2 More 3 Less  CAPI Section 22 (S22G.S 9b)	174	CHAR(1)
COMPOWD_		175	CHAR(1)

COMPOWDX	How much more (less) is owed to your CU by persons outside your CU? *L  CAPI Section 22 (S22G.S 9b)	176	NUM(8)
COMP_WDX		184	CHAR(1)
SETLINSX	During the past 12 months, how much did you (or any members of your CU) receive in settlement on surrender of any insurance policies (life or annuity)?  CAPI Section 22 (S22G.S 11)	729	NUM(8)
SETL_NSX		737	CHAR(1)

**k. HOUSING STRUCTURE**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
BUILDING	Which best describes this building? CODED 01 Single family detached (detached structure with only one primary residence; however, the structure could include a rental unit(s) in the basement, attic, etc.) 02 Row or townhouse inner unit (2, 3 or 4 story structure with 2 walls in common with other units and a private ground level entrance; it may have a rental unit as part of structure) 03 End row or end townhouse (one common wall) 04 Duplex (detached two unit structure with one common wall between the units) 05 3-plex or 4-plex (3 or 4 unit structure with all units occupying the same level or levels) 06 Garden (a multi-unit structure, usually wider than it is high, having 2, 3, or possibly 4 floors; characteristically the units not only have common walls but are also stacked on top of one another) 07 High-rise (a multi-unit structure which has 4 or more floors) 08 Apartment or flat (a unit not described above; could be located in the basement, attic, second floor or over the garage of one of the units described above) 09 Mobile home or trailer 10 College dormitory 11 Other  CAPI Section 1 (S01B 3)	61	CHAR(2)
BUIL_ING		63	CHAR(1)

UNISTRQ	How many housing units, both occupied and vacant, are in this structure?	4606	CHAR(2)
	Coded:		
	01 Only OTHER units		
	02 Mobile home or trailer		
	03 One, detached		
	04 One, attached		
	05 2		
	06 3-4		
	07 5-9		
	08 10-19		
	09 20-49		
	10 50 or more		
	Control Card 15		
UNISTRQ_		4608	CHAR(1)
LOT_SIZE	What is the approximate size of the lot on which this unit is located?	524	CHAR(2)
	CODED		
	01 1 acre or less		
	02 2 acres		
	03 3 to 5 acres		
	04 6 to 10 acres		
	05 greater than 10 acres		
	06 No lot		
	CAPI Section 1 (S01B 4)		
LOT__IZE		526	CHAR(1)
YRBUILT	About when was this building originally built?	4609	CHAR(4)
	CAPI Section 1 (S 01B 10)		
YRBUILT_		4613	CHAR(1)
ST_HOUS	Are these living quarters presently used as student housing by a college or university?	770	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 1 (S01B 2)		
ST_HOUS_		771	CHAR(1)

PUBLHOUS	Is this house in a public housing project, that is, is it owned by a local housing authority or other local public agency? CODED 1 Yes 2 No  CAPI Section 1 (S01B 1a)	652	CHAR(1)
PUBL_OUS		653	CHAR(1)
GOVTCOST	Are your housing costs lower because the Federal, State, or local government is paying part of the cost? (PUBLHOUS = 2) CODED 1 Yes 2 No  CAPI Section 1 (S01B 1b)	421	CHAR(1)
GOVT_OST		422	CHAR(1)
DIRACC	Access to living quarters CODED 1 Direct access to living quarters 2 Access through another housing unit  Control Card 14b	9	CHAR(1)
DIRACC_		10	CHAR(1)
ROOMSQ	How many rooms are there in this unit, including finished living areas and excluding all baths?  CAPI Section 1 (S01B 5)	683	NUM(3)
ROOMSQ_		686	CHAR(1)
BEDROOMQ	How many bedrooms are there in this unit?  CAPI Section 1 (S01B 6)	45	NUM(3)
BEDR_OMQ		48	CHAR(1)
BATHRMQ	How many complete bathrooms are there in this unit?  CAPI Section 1 (S01B 7a)	41	NUM(3)
BATHRMQ_		44	CHAR(1)
HLFBATHQ	How many half bathrooms are there in this unit?  CAPI Section 1 (S01B 7b)	423	NUM(3)
HLFB_THQ		426	CHAR(1)

HEATFUEL	What fuel is used most for heating this unit?	3292	CHAR(2)
	CODED		
	01 Gas (underground pipes)		
	02 Electricity		
	03 Fuel oil		
	04 Other		
	05 No fuel used		
	CAPI Section 1 (S01B 8a)		
HEAT_UEL		3294	CHAR(1)
WATERHT	What fuel is used for heating water in this unit?	3307	CHAR(2)
	CODED		
	01 Gas (underground pipes)		
	06 Electricity		
	07 Fuel oil		
	08 Other		
	09 No fuel used		
	CAPI Section 1 (S01B 8b)		
WATERHT_		3309	CHAR(1)
COOKING	What fuel is used most for cooking?	4200	CHAR(2)
	CODED		
	01 Gas (underground piping)		
	02 Electricity		
	03 Fuel oil		
	04 Other fuel		
	05 No fuel used		
	CAPI Section 1 (S01B 8a)		
COOKING_		4202	CHAR(1)
SWIMPOOL	Does this unit have any of the following?	3298	CHAR(2)
	CODED		
	01 Swimming pool		
	CAPI Section 1 (S01B 9)		
SWIM_OOL		3300	CHAR(1)
PORCH	Does this unit have any of the following?	4203	CHAR(2)
	CODED		
	03 Porch, terrace, patio, or balcony		
	CAPI Section 1 (S01B 9)		
PORCH_		4205	CHAR(1)

APTMENT	See SWIMPOOL for question and source. CODED 04 Apartment or guest house	3310	CHAR(2)
APTMENT_		3312	CHAR(1)
OFSTPARK	See SWIMPOOL for question and source. CODED 02 Off street parking	3313	CHAR(2)
OFST_ARK		3315	CHAR(1)
WINDOWAC	See SWIMPOOL for question and source. CODED 06 Window air conditioning	3316	CHAR(2)
WIND_WAC		3318	CHAR(1)
CNTRALAC	See SWIMPOOL for question and source. CODED 05 Central air conditioning	3319	CHAR(2)
CNTR_LAC		3321	CHAR(1)
RENTEQVX	If someone were to rent your home today, how much do you think it would rent for monthly, unfurnished and without utilities?  CAPI Section 3 (S03I 13)	674	NUM(6)
RENT_QVX		680	CHAR(1)

**I. WEIGHTS**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
FINLWT21	CU replicate weight #45 (total sample)  BLS derived	331	NUM(11,3)

*The following are the 44 half sample replicate weights WTREP01 through WTREP44 which are used for variance computations. They are all BLS derived variables.*

WTREP01	CU replicate weight # 01	841	NUM(11,3)
WTREP02	CU replicate weight # 02	852	NUM(11,3)
WTREP03	CU replicate weight # 03	863	NUM(11,3)
WTREP04	CU replicate weight # 04	874	NUM(11,3)
WTREP05	CU replicate weight # 05	885	NUM(11,3)

WTREP06	CU replicate weight # 06	896	NUM(11,3)
WTREP07	CU replicate weight # 07	907	NUM(11,3)
WTREP08	CU replicate weight # 08	918	NUM(11,3)
WTREP09	CU replicate weight # 09	929	NUM(11,3)
WTREP10	CU replicate weight # 10	940	NUM(11,3)
WTREP11	CU replicate weight # 11	951	NUM(11,3)
WTREP12	CU replicate weight # 12	962	NUM(11,3)
WTREP13	CU replicate weight # 13	973	NUM(11,3)
WTREP14	CU replicate weight # 14	984	NUM(11,3)
WTREP15	CU replicate weight # 15	995	NUM(11,3)
WTREP16	CU replicate weight # 16	1006	NUM(11,3)
WTREP17	CU replicate weight # 17	1017	NUM(11,3)
WTREP18	CU replicate weight # 18	1028	NUM(11,3)
WTREP19	CU replicate weight # 19	1039	NUM(11,3)
WTREP20	CU replicate weight # 20	1050	NUM(11,3)
WTREP21	CU replicate weight # 21	1061	NUM(11,3)
WTREP22	CU replicate weight # 22	1072	NUM(11,3)
WTREP23	CU replicate weight # 23	1083	NUM(11,3)
WTREP24	CU replicate weight # 24	1094	NUM(11,3)
WTREP25	CU replicate weight # 25	1105	NUM(11,3)
WTREP26	CU replicate weight # 26	1116	NUM(11,3)
WTREP27	CU replicate weight # 27	1127	NUM(11,3)
WTREP28	CU replicate weight # 28	1138	NUM(11,3)
WTREP29	CU replicate weight # 29	1149	NUM(11,3)
WTREP30	CU replicate weight # 30	1160	NUM(11,3)
WTREP31	CU replicate weight # 31	1171	NUM(11,3)
WTREP32	CU replicate weight # 32	1182	NUM(11,3)
WTREP33	CU replicate weight # 33	1193	NUM(11,3)

WTREP34	CU replicate weight # 34	1204	NUM(11,3)
WTREP35	CU replicate weight # 35	1215	NUM(11,3)
WTREP36	CU replicate weight # 36	1226	NUM(11,3)
WTREP37	CU replicate weight # 37	1237	NUM(11,3)
WTREP38	CU replicate weight # 38	1248	NUM(11,3)
WTREP39	CU replicate weight # 39	1259	NUM(11,3)
WTREP40	CU replicate weight # 40	1270	NUM(11,3)
WTREP41	CU replicate weight # 41	1281	NUM(11,3)
WTREP42	CU replicate weight # 42	1292	NUM(11,3)
WTREP43	CU replicate weight # 43	1303	NUM(11,3)
WTREP44	CU replicate weight # 44	1314	NUM(11,3)

**m. SUMMARY EXPENDITURE DATA**

**Main Summary Level Expenditure Variables**

For each summary expenditure category listed below there are two variables. They apportion expenditures reported for the three-month reference period of the interview to the calendar quarters, relative to the month of interview, in which the expenditures occurred. The first variable contains expenditures made by the CU in the calendar quarter previous to the month of interview. These "previous quarter" expenditure variables are identified by "PQ" placed as the last two letters of the variable name. The second variable contains expenditures made in the calendar quarter of the month of interview (last 2 letters of the variable name 'CQ'). So if CUs were interviewed in May (when they reported their February, March, and April expenditures), the "PQ" variable would contain their February and March expenditures since the previous calendar quarter to a May interview is from January to March. The "CQ" variable for these CUs would contain only their April expenditures. The variables are set up this way to facilitate analysis by calendar time period. For example, to calculate an expenditure category mean for a given calendar quarter, expenditures from the "CQ" variable for interviews conducted during the quarter of interest are added to amounts from the "PQ" variable for interviews conducted during the subsequent quarter prior to dividing by the number of observations. To derive expenditure statistics by collection period, i.e., for interviews conducted during a specific period, it is necessary to obtain all expenditures reported during each interview by summing the "PQ" and "CQ" variables of the desired expenditure category. See Section V.A.1.b. CALENDAR PERIOD VERSUS COLLECTION PERIOD for a detailed explanation of calendar and collection periods.

All of the following summary level variables are BLS derived. The composition of each summary expenditure variable is given below the variable description. An underlined UCC represents either a new UCC or a deleted UCC. Please note that new UCCs may not be represented in all quarters. The quarter in which the addition (deletion) to the summary expenditure variable occurs is denoted by a leading superscript directly prior to the UCC code. For example, <sup>N031</sup><UCC> or <sup>D031</sup><UCC> identifies an addition or deletion of a given UCC to the summary expenditure variable beginning in Q031.

PLEASE NOTE THE FOLLOWING:

MISC2PQ(CQ) contains UCCs that are a subset of those included in MISCPQ(CQ) – miscellaneous expenditures. Component UCCs in MISCPQ(CQ) have been separated according to collection method. UCCs for which the values are obtained from questions asked in interviews 2 through 5 are now in MISC1PQ(CQ), while MISC2PQ(CQ) contains those UCCs from questions asked only in the fifth interview. To obtain population or sample estimates, the summary variable MISCX4PQ(CQ) has been created. It is comprised of MISC1PQ(CQ) expenditures and MISC2PQ(CQ) expenditures that have been multiplied by four, in order to account for families not in their fifth interviews. Similarly, TOTEX4PQ(CQ) reflects the adjustments for “non-fifth interview” families in MISC2PQ(CQ) and CASHCOPQ(CQ). Please be aware that for 2001Q1 MISCX4CQ(PQ) and TOTEX4PQ(CQ) overestimate the values of CASHCOPQ(CQ) and a portion of MISC2PQ(CQ) for “fifth interview” CUs and should only be used for population estimates.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
TOTEXPPQ	Total expenditures last quarter (FOODPQ + ALCBEVPQ + HOUSPQ + APPARPQ + TRANSPQ + HEALTHPQ + ENTERTPQ + PERSCAPQ + READPQ + EDUCAPQ + TOBACCPQ + MISCPQ + CASHCOPQ + PERINSPQ)	1325	NUM(12,4)
TOTEXPCQ	Total expenditures this quarter same composition as above	1337	NUM(12,4)
TOTEX4PQ	Adjusted total expenditures last quarter  <i>(To be used for population estimates - see information under Summary Expenditure Data heading.)</i>  TOTEXPPQ - MISCPQ + MISC1PQ + 4*(MISC2PQ)	3387	NUM(12,4)
TOTEX4CQ	Adjusted total expenditures this quarter collected in Interview Survey  <i>(To be used for population estimates - see information under Summary Expenditure Data heading.)</i>  same composition as above	3399	NUM(12,4)
<p><i>NOTE: *TOTEXPPQ, *TOTEXPCQ, *TOTEX4PQ, and *TOTEX4CQ, totals exclude items which are only collected in the Diary Survey. See Section VIII for a further explanation.</i></p>			
FOODPQ	Total food last quarter FDHOMEPQ + FDAWAYPQ	1349	NUM(12,4)
FOODCQ	Total food this quarter same composition as above	1361	NUM(12,4)
FDHOMEPQ	Food at home last quarter 190904 790220 790230	1373	NUM(12,4)

FDHOMECQ	Food at home this quarter same UCCs as above	1385	NUM(12,4)
FDAWAYPQ	Food away from home last quarter FDXMAPPQ + FDMAPPQ	1397	NUM(12,4)
FDAWAYCQ	Food away from home this quarter same composition as above	1409	NUM(12,4)
FDXMAPPQ	Food away excluding meals as pay last quarter 190901 190902 190903 790410 790430	1421	NUM(12,4)
FDXMAPCQ	Food away excluding meals as pay this quarter same UCCs as above	1433	NUM(12,4)
FDMAPPQ	Meals as pay last quarter 800700	1445	NUM(12,4)
FDMAPCQ	Meals as pay this quarter same UCC as above	1457	NUM(12,4)
ALCBEVPQ	Alcoholic beverages last quarter 200900 790310 790320 790420	1469	NUM(12,4)
ALCBEVCQ	Alcoholic beverages this quarter same UCCs as above	1481	NUM(12,4)
HOUSPQ	Housing last quarter SHELTPQ + UTILPQ + HOUSOPPQ + HOUSEQPQ	1493	NUM(12,4)
HOUSCQ	Housing this quarter same composition as above	1505	NUM(12,4)
SHELTPQ	Shelter last quarter OWNDWEPQ + RENDWEPQ + OTHLODPQ	1517	NUM(12,4)
SHELTCQ	Shelter this quarter same composition as above	1529	NUM(12,4)
OWNDWEPQ	Owned dwellings last quarter MRTINTPQ + PROPTXPQ + MRPINSPQ	1541	NUM(12,4)
OWNDWECQ	Owned dwellings this quarter same composition as above	1553	NUM(12,4)
MRTINTPQ	Mortgage interest last quarter 220311 220313 220321 880110	1565	NUM(12,4)
MRTINTCQ	Mortgage interest this quarter same UCCs as above	1577	NUM(12,4)
PROPTXPQ	Property taxes last quarter 220211	1589	NUM(12,4)
PROPTXCQ	Property taxes this quarter same UCC as above	1601	NUM(12,4)

MRPINSQP	Maintenance, repairs, insurance, and other expenses last quarter 210901 220121 220901 230112 230113 230114 230115 230122 230142 230151 230901 240112 240122 240212 240213 240222 240312 240322 320612 320622 320632 340911 990930	1613	NUM(12,4)
MRPINSQC	Maintenance, repairs, insurance, and other expenses this quarter same UCCs as above	1625	NUM(12,4)
RENDWEPQ	Rented dwelling last quarter RNTXRPPQ + RNTAPYPQ	1637	NUM(12,4)
RENDWECQ	Rented dwellings this quarter same composition as above	1649	NUM(12,4)
RNTXRPPQ	Rent excluding rent as pay last quarter 210110 230121 230141 230150 240111 240121 240211 240221 240311 240321 320611 320621 320631 350110 790690 990920	1661	NUM(12,4)
RNTXRPCQ	Rent excluding rent as pay this quarter same UCCs as above	1673	NUM(12,4)
RNTAPYPQ	Rent as pay last quarter 800710	1685	NUM(12,4)
RNTAPYCQ	Rent as pay this quarter same UCC as above	1697	NUM(12,4)
OTHLODPQ	Other lodging last quarter 210210 210310 210902 220122 220212 220312 220314 220322 220902 230123 230152 230902 240113 240123 240214 240223 240313 240323 320613 320623 320633 340912 880310 990940	1709	NUM(12,4)
OTHLODCQ	Other lodging this quarter same UCCs as above	1721	NUM(12,4)
UTILPQ	Utilities, fuels and public services last quarter NTLGASQP + ELCTRCQP + ALLFULPQ + TELEPHPQ + WATRPSPQ	1733	NUM(12,4)
UTILCQ	Utilities, fuels and public services this quarter same composition as above	1745	NUM(12,4)
NTLGASQP	Natural gas last quarter 260211 260212 260213 260214	1757	NUM(12,4)
NTLGASCQ	Natural gas this quarter same UCCs as above	1769	NUM(12,4)
ELCTRCQP	Electricity last quarter	1781	NUM(12,4)

	260111 260112 260113 260114		
ELCTRCCQ	Electricity this quarter same UCCs as above	1793	NUM(12,4)
ALLFULPQ	Fuel oil and other fuels last quarter FULOILPQ + OTHFLSPQ	1805	NUM(12,4)
ALLFULCQ	Fuel oil and other fuels this quarter same composition as above	1817	NUM(12,4)
FULOILPQ	Fuel oil last quarter 250111 250112 250113 250114	1829	NUM(12,4)
FULOILCQ	Fuel oil this quarter same UCCs as above	1841	NUM(12,4)
OTHFLSPQ	Other fuels last quarter 250211 250212 250213 250214 250221 250222 250223 250224 250901 250902 250903 250904	1853	NUM(12,4)
OTHFLSCQ	Other fuels this quarter same UCCs as above	1865	NUM(12,4)
TELEPHPQ	Telephone services last quarter 270101 270102 270103 270104	1877	NUM(12,4)
TELEPHCQ	Telephone services this quarter same UCCs as above	1889	NUM(12,4)
WATRPSPQ	Water and other public services last quarter 270211 270212 270213 270214 270411 270412 270413 270414 270901 270902 270903 270904	1901	NUM(12,4)
WATRPSCQ	Water and other public services this quarter same UCCs as above	1913	NUM(12,4)
HOUSOPPQ	Household operations last quarter DOMSRVPQ + OTHHEXPQ	1925	NUM(12,4)
HOUSOPCQ	Household operations this quarter same composition as above	1937	NUM(12,4)
DOMSRVPQ	Domestic services last quarter DMSXCCPQ + BBYDAYPQ	1949	NUM(12,4)
DOMSRVCQ	Domestic services this quarter same composition as above	1961	NUM(12,4)
DMSXCCPQ	Domestic services excluding child care last quarter 340310 340410 340420 340520 340530 340903 340906 340910 340914 340915	1973	NUM(12,4)
DMSXCCCQ	Domestic services excluding child care this quarter same UCCs as above	1985	NUM(12,4)

BBYDAYPQ	Babysitting and child day care last quarter 340211 340212 670310	1997	NUM(12,4)
BBYDAYCQ	Babysitting and child day care this quarter same UCCs as above	2009	NUM(12,4)
OTHHEXPQ	Other household expenses last quarter 330511 340510 340620 340630 340901 340907 340908 690113 690114 990900	2021	NUM(12,4)
OTHHEXCQ	Other household expenses this quarter same UCCs as above	2033	NUM(12,4)
HOUSEQPQ	Housefurnishings and equipment last quarter TEXTILPQ + FURNTRPQ + FLRCVRPQ + MAJAPPPQ + SMLAPPQ + MISCEQPQ	2045	NUM(12,4)
HOUSEQCQ	Housefurnishings and equipment this quarter same composition as above	2057	NUM(12,4)
TEXTILPQ	Household textiles last quarter 280110 280120 280130 280210 280220 280230 280900	2069	NUM(12,4)
TEXTILCQ	Household textiles this quarter same UCCs as above	2081	NUM(12,4)
FURNTRPQ	Furniture last quarter 290110 290120 290210 290310 290320 290410 290420 290430 290440	2093	NUM(12,4)
FURNTRCQ	Furniture this quarter same UCCs as above	2105	NUM(12,4)
FLRCVRPQ	Floor coverings last quarter 230133 230134 320111 320163	2117	NUM(12,4)
FLRCVRCQ	Floor coverings this quarter same UCCs as above	2129	NUM(12,4)
MAJAPPPQ	Major appliances last quarter 230117 230118 300111 300112 300211 300212 300221 300222 300311 300312 300321 300322 300331 300332 300411 300412 320511 320512	2141	NUM(12,4)
MAJAPPCQ	Major appliances this quarter same UCCs as above	2153	NUM(12,4)
SMLAPPQ	Small appliances, miscellaneous housewares last quarter 320310 320320 320330 320340 320350 320360 320370 320521 320522	2165	NUM(12,4)

SMLAPPCQ	Small appliances, miscellaneous housewares this quarter same UCCs as above	2177	NUM(12,4)
MISCEQPQ	Miscellaneous household equipment last quarter 320120 320130 320150 320210 320220 320231 320232 320410 320420 320901 320902 320903 320904 340904 430130 690111 690112 690210 690220 690230 690241 690242 690243 690244 690245	2189	NUM(12,4)
MISCEQCQ	Miscellaneous household equipment this quarter same UCCs as above	2201	NUM(12,4)
APPARPQ	Apparel and services last quarter MENBOYPQ + WOMGRLPQ + CHLDRNPQ + FOOTWRPQ + OTHAPLPQ	2213	NUM(12,4)
APPARCQ	Apparel and services this quarter Same composition as above	2225	NUM(12,4)
MENBOYPQ	Clothing for men and boys last quarter MENSIXPQ + BOYFIFPQ	2237	NUM(12,4)
MENBOYCQ	Clothing for men and boys this quarter same composition as above	2249	NUM(12,4)
MENSIXPQ	Clothing for men, 16 and over last quarter 360110 360120 360210 360311 360312 360320 360330 360340 360350 360410 360511 360512 360901 360902	2261	NUM(12,4)
MENSIXCQ	Clothing for men, 16 and over this quarter same UCCs as above	2273	NUM(12,4)
BOYFIFPQ	Clothing for boys, 2 to 15 last quarter 370110 370120 370130 370211 370212 370213 370220 370311 370312 370313 370902 370903 370904	2285	NUM(12,4)
BOYFIFCQ	Clothing for boys, 2 to 15 this quarter same UCCs as above	2297	NUM(12,4)
WOMGRLPQ	Clothing for women and girls last quarter WOMSIXPQ + GRLFIFPQ	2309	NUM(12,4)
WOMGRLCQ	Clothing for women and girls this quarter same composition as above	2321	NUM(12,4)
WOMSIXPQ	Clothing for women, 16 and over last quarter 380110 380210 380311 380312 380313 380320 380331 380332 380340 380410 380420 380430 380510 380901 380902 380903	2333	NUM(12,4)
WOMSIXCQ	Clothing for women, 16 and over this quarter same UCCs as above	2345	NUM(12,4)

GRLFIFPQ	Clothing for girls, 2 to 15 last quarter 390110 390120 390210 390221 390222 390230 390310 390321 390322 390901 390902	2357	NUM(12,4)
GRLFIFCQ	Clothing for girls, 2 to 15 this quarter same UCCs as above	2369	NUM(12,4)
CHLDRNPQ	Clothing for children under 2 last quarter 410110 410120 410130 410140 410901	2381	NUM(12,4)
CHLDRNCQ	Clothing for children under 2 this quarter same UCCs as above	2393	NUM(12,4)
FOOTWRPQ	Footwear last quarter 400110 400210 400220 400310	2405	NUM(12,4)
FOOTWRCQ	Footwear this quarter same UCCs as above	2417	NUM(12,4)
OTHAPLPQ	Other apparel products and services last quarter 420110 420120 430110 430120 440110 440120 440130 440140 440150 440210 440900	2429	NUM(12,4)
OTHAPLCQ	Other apparel products and services this quarter same UCCs as above	2441	NUM(12,4)
TRANSPQ	Transportation last quarter CARTKNPQ + CARTKUPQ + OTHVEHPQ + GASMOPQ + VEHFINPQ + MAINRPPQ + VEHINSPQ + VRNTLOPQ + PUBTRAPQ	2453	NUM(12,4)
TRANSCQ	Transportation this quarter same composition as above	2465	NUM(12,4)
CARTKNPQ	Cars and trucks, new (net outlay) last quarter 450110 450210	2477	NUM(12,4)
CARTKNCQ	Cars and trucks, new (net outlay) this quarter same UCCs as above	2489	NUM(12,4)
CARTKUPQ	Cars and trucks, used (net outlay) last quarter 460110 460901	2501	NUM(12,4)
CARTKUCQ	Cars and trucks, used (net outlay) this quarter same UCCs as above	2513	NUM(12,4)
OTHVEHPQ	Other vehicles last quarter 450220 460902	2525	NUM(12,4)
OTHVEHCQ	Other vehicles this quarter same UCCs as above	2537	NUM(12,4)
GASMOPQ	Gasoline and motor oil last quarter 470111 470112 470113 470211 470212	2549	NUM(12,4)
GASMOCQ	Gasoline and motor oil this quarter	2561	NUM(12,4)

	same UCCs as above		
VEHFINPQ	Vehicle finance charges last quarter 510110 510901 510902 850300	2573	NUM(12,4)
VEHFINCQ	Vehicle finance charges this quarter same UCCs as above	2585	NUM(12,4)
MAINRPPQ	Maintenance and repairs last quarter 470220 480110 480213 480214 490110 490211 490212 490221 490231 490232 490311 490312 490313 490314 490318 490319 490411 490412 490413 490501 490502 490900	2597	NUM(12,4)
MAINRPCQ	Maintenance and repairs this quarter same UCCs as above	2609	NUM(12,4)
VEHINSPQ	Vehicle insurance last quarter 500110	2621	NUM(12,4)
VEHINSCQ	Vehicle insurance this quarter same UCC as above	2633	NUM(12,4)
VRNTLOPQ	Vehicle rental, leases, licenses, and other charges last quarter 450310 450313 450314 450410 450413 450414 520111 520112 520310 520410 520511 520512 520521 520522 520531 520532 520542 520550 520902 520903 520905 520906 620113	2645	NUM(12,4)
VRNTLOCQ	Vehicle rental, leases, licenses, and other charges this quarter same UCCs as above	2657	NUM(12,4)
PUBTRAPQ	Public transportation last quarter TRNTRPPQ + TRNOTHPQ	2669	NUM(12,4)
PUBTRACQ	Public transportation this quarter same composition as above	2681	NUM(12,4)
TRNTRPPQ	Public transportation on trips last quarter 530110 530210 530312 530411 530510 530901	2693	NUM(12,4)
TRNTRPCQ	Public transportation on trips this quarter same UCCs as above	2705	NUM(12,4)
TRNOTHPQ	Local public transportation, excluding on trips last quarter 530311 530412 530902	2717	NUM(12,4)
TRNOTHCQ	Local public transportation, excluding on trips this quarter same UCCs as above	2729	NUM(12,4)
HEALTHPQ	Health care last quarter HLTHINPQ + MEDSRVPQ + PREDRGPQ + MEDSUPPQ	2741	NUM(12,4)
HEALTHCQ	Health care this quarter same composition as above	2753	NUM(12,4)

HLTHINPQ	Health insurance last quarter 580111 580112 580113 580114 580311 580312 580901 580903 580904 580905 580906	2765	NUM(12,4)
HLTHINCQ	Health insurance this quarter same UCCs as above	2777	NUM(12,4)
MEDSRVPQ	Medical services last quarter 560110 560210 560310 560330 560400 570110 570210 570220 570230 570240	2789	NUM(12,4)
MEDSRVCQ	Medical services this quarter same UCCs as above	2801	NUM(12,4)
PREDRGPQ	Prescription drugs last quarter 540000	2813	NUM(12,4)
PREDRGCQ	Prescription drugs this quarter same UCC as above	2825	NUM(12,4)
MEDSUPPQ	Medical supplies last quarter 550110 550320 550330 550340 570901 570903	2837	NUM(12,4)
MEDSUPCQ	Medical supplies this quarter same UCCs as above	2849	NUM(12,4)
ENTERTPQ	Entertainment last quarter FEEADMPQ + TVRDIOPQ + OTHEQPPQ	2861	NUM(12,4)
ENTERTCQ	Entertainment this quarter same composition as above	2873	NUM(12,4)
FEEADMPQ	Fees and admissions last quarter 610900 620111 620121 620122 620211 620212 620221 620222 620310 620903	2885	NUM(12,4)
FEEADMCPQ	Fees and admissions this quarter same UCCs as above	2897	NUM(12,4)
TVRDIOPQ	Televisions, radios, and sound equipment last quarter 270310 310110 310120 310130 310210 310220 310230 310311 310313 310320 310333 310334 310341 310342 340610 340902 340905 610130 620904 620912	2909	NUM(12,4)
TVRDIOCQ	Televisions, radios, and sound equipment this quarter same UCCs as above	2921	NUM(12,4)
OTHEQPPQ	Other equipment and services last quarter PETTOYPQ + OTHENTPQ	2933	NUM(12,4)
OTHEQPCQ	Other equipment and services this quarter same composition as above	2945	NUM(12,4)

PETTOYPQ	Pets, toys, and playground equipment last quarter 610110 610120 610320 620410 620420	2957	NUM(12,4)
PETTOYCQ	Pets, toys, and playground equipment this quarter same UCCs as above	2969	NUM(12,4)
OTHENTPQ	Other entertainment last quarter 520901 520904 520907 600110 600121 600122 600132 600141 600142 600210 600310 600410 600420 600430 600901 600902 610210 610230 620330 620905 620906 620908 620909 620919 620921 620922 620320	2981	NUM(12,4)
OTHENTCQ	Other entertainment this quarter same UCCs as above	2993	NUM(12,4)
PERSCAPQ	Personal care last quarter 640130 640420 650310	3005	NUM(12,4)
PERSCACQ	Personal care this quarter same UCCs as above	3017	NUM(12,4)
READPQ	Reading last quarter 590111 590112 590211 590212 590220 590230 660310	3029	NUM(12,4)
READCQ	Reading this quarter same UCCs as above	3041	NUM(12,4)
EDUCAPQ	Education last quarter 660110 660210 660900 670110 670210 670901 670902	3053	NUM(12,4)
EDUCACQ	Education this quarter same UCCs as above	3065	NUM(12,4)
TOBACCPQ	Tobacco and smoking supplies last quarter 630110 630210	3077	NUM(12,4)
TOBACCCQ	Tobacco and smoking supplies this quarter same UCCs as above	3089	NUM(12,4)
MISCPQ	Miscellaneous expenditures last quarter MISC1PQ + MISC2PQ	3101	NUM(12,4)
MISCCQ	Miscellaneous expenditures this quarter same composition as above	3113	NUM(12,4)
MISCX4PQ	Adjusted miscellaneous expenditures last quarter	3411	NUM(12,4)

*(To be used for population estimates - see information under  
Summary Expenditure Data heading.)*

MISC1PQ + (4\*MISC2PQ)

MISCX4CQ	Adjusted miscellaneous expenditures this quarter  <i>(To be used for population estimates - see information under Summary Expenditure Data heading.)</i>  same composition as above	3423	NUM(12,4)
MISC1PQ	Miscellaneous expenditures last quarter (data collected in all interviews) 620112 620115 620926 680110 680140 680210 680220 680901 680902 790600 880210 900002	3125	NUM(12,4)
MISC1CQ	Miscellaneous expenditures this quarter (data collected in all interviews) same UCCs as above	3137	NUM(12,4)
MISC2PQ	Miscellaneous expenditures last quarter (data collected only in fifth interview) 710110	3149	NUM(12,4)
MISC2CQ	Miscellaneous expenditures this quarter (data collected only in fifth interview) same UCCs as above  <i>NOTE: See important information about the miscellaneous expenditure variables under the SUMMARY EXPENDITURE DATA heading prior to this list of variables.</i>	3161	NUM(12,4)
CASHCOPQ	Cash contributions last quarter 800111 800121 800804 800811 800821 800831 800841 800851 800861	3173	NUM(12,4)
CASHCOCQ	Cash contributions this quarter same UCCs as above  <i>NOTE: See important information about the cash contributions variables under the SUMMARY EXPENDITURE DATA heading prior to this list of variables.</i>	3185	NUM(12,4)
PERINSPQ	Personal insurance and pensions last quarter LIFINSPQ + RETPENPQ	3197	NUM(12,4)
PERINSCQ	Personal insurance and pensions this quarter same composition as above	3209	NUM(12,4)
LIFINSPQ	Life and other personal insurance last quarter 002120 700110	3221	NUM(12,4)
LIFINSCQ	Life and other personal insurance this quarter same UCCs as above	3233	NUM(12,4)
RETPENPQ	Retirement, pensions, Social Security last quarter 800910 800920 800931 800932 800940	3245	NUM(12,4)
RETPENCQ	Retirement, pensions, Social Security this quarter same UCCs as above	3257	NUM(12,4)

### Travel related summary expenditure variables

The following summary level “travel” expenditure variables (T-variables) describe expenditures by consumer units on out-of-town trips. These variables have been constructed to facilitate research on travel related spending. Because the UCCs describing these items are scattered across several categories, they are collected in one format for the convenience of the user. As is the convention with the main summary level expenditure variables above, each of the T-variable categories are sorted by expenditures that took place during the previous calendar quarter and current calendar quarter. However for the T-variables, the previous quarter expenditure variables are appended with “P” and the current quarter expenditure variables are appended with “C”.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
TTOTALP	Total of all trip expenditures last quarter (TFOODTOP+TALCBEVP+TOTHRLP+TTRANPRP+TENTRMNP)	3462	NUM(10,3)
TTOTALC	Total of all trip expenditures this quarter Same composition as above	3472	NUM(10,3)
TFOODTOP	Total trip expenditures on food last quarter including both restaurant food and food prepared by CU (TFOODAWP+TFOODHOP)	3482	NUM(10,3)
TFOODTOC	Total trip expenditures on food this quarter including both restaurant food and food prepared by CU Same composition as above	3492	NUM(10,3)
TFOODAWP	Food and non-alcoholic beverages last quarter at restaurants, cafes, and fast food places during out-of-town trips 190903	3502	NUM(10,3)
TFOODAWC	Food and non-alcoholic beverages this quarter at restaurants, cafes, and fast food places during out-of-town trips same UCC as above	3512	NUM(10,3)
TFOODHOP	Food and beverages purchased and prepared by CU last quarter during out-of-town trips 190904	3522	NUM(10,3)
TFOODHOC	Food and beverages purchased and prepared by CU this quarter during out-of-town trips same UCC as above	3532	NUM(10,3)
TALCBEVP	Total trip expenditures last quarter on alcoholic beverages at restaurants, cafes, and bars 200900	3542	NUM(10,3)
TALCBEVC	Total trip expenditures this quarter on alcoholic beverages at restaurants, cafes, and bars same UCC as above	3552	NUM(10,3)
TOTHRLP	Total trip expenditures on lodging last quarter including rent for vacation home, and motels 210210	3562	NUM(10,3)

TOTHRLOC	Total trip expenditures on lodging this quarter including rent for vacation home, and motels same UCC as above	3572	NUM(10,3)
TTRANPRP	Total trip expenditures on transportation last quarter including airfare, local transportation, tolls and parking fees, and car rentals (TGASMOTP+TVRENTLP+TTRNTRIP)	3582	NUM(10,3)
TTRANPRC	Total trip expenditures on transportation this quarter including airfare, local transportation, tolls and parking fees, and car rentals same composition as above	3592	NUM(10,3)
TGASMOTP	Trip expenditures on gas and oil last quarter 470113 470212	3602	NUM(10,3)
TGASMOTC	Trip expenditures on gas and oil this quarter same UCCs as above	3612	NUM(10,3)
TVRENTLP	Trip expenditures on vehicle rentals and other fees last quarter (TCARTRKP+TOTHVHRP+TOTHTREP)	3622	NUM(10,3)
TVRENTLC	Trip expenditures on vehicle rentals and other fees this quarter same composition as above	3632	NUM(10,3)
TCARTRKP	Trip expenditures on car or truck rental last quarter 520512 520522	3642	NUM(10,3)
TCARTRKC	Trip expenditures on car or truck rental this quarter same UCCs as above	3652	NUM(10,3)
TOTHVHRP	Trip expenditures on car or truck rental last quarter 520905 520906	3662	NUM(10,3)
TOTHVHRC	Trip expenditures on car or truck rental this quarter same UCCs as above	3672	NUM(10,3)
TOTHTREP	Trip expenditures last quarter for other transportation expenses including parking fees, and tolls 520532 520542	3682	NUM(10,3)
TOTHTREC	Trip expenditures this quarter for other transportation expenses including parking fees, and tolls same UCCs as above	3692	NUM(10,3)
TTRNTRIP	Trip expenditures last quarter for public transportation, including airfares (TFAREP+TLOCALTP)	3702	NUM(10,3)
TTRNTRIC	Trip expenditures this quarter for public transportation, including airfares same composition as above	3712	NUM(10,3)

TFAREP	Trip expenditures last quarter on transportation fares including airfare, intercity bus, train, and ship fare (TAIRFARP+TOTHFARP)	3722	NUM(10,3)
TFAREC	Trip expenditures this quarter on transportation fares including airfare, intercity bus, train, and ship fare same composition as above	3732	NUM(10,3)
TAIRFARP	Trip expenditures on airfare last quarter 530110	3742	NUM(10,3)
TAIRFARC	Trip expenditures on airfare this quarter same UCC as above	3752	NUM(10,3)
TOTHFARP	Tip expenditures last quarter on other transportation fares including intercity bus and train fare, and ship fare 530210 530510 530901	3762	NUM(10,3)
TOTHFARC	Tip expenditures this quarter on other transportation fares including intercity bus and train fare, and ship fare same UCCs as above	3772	NUM(10,3)
TLOCALTP	Trip expenditures last quarter on local transportation including taxis, buses etc. 530312 530411	3782	NUM(10,3)
TLOCALTC	Trip expenditures this quarter on local transportation including taxis, buses etc. same UCCs as above	3792	NUM(10,3)
TENTRMNP	Total trip expenditures on entertainment last quarter including sporting events, movies, and recreational vehicle rentals TFEESADP+TOTHENTP	3802	NUM(10,3)
TENTRMNC	Total trip expenditures on entertainment this quarter including sporting events, movies, and recreational vehicle rentals same composition as above	3812	NUM(10,3)
TFEESADP	Trip expenditures on miscellaneous entertainment last quarter including recreation expenses, participation sport fees, and admission fees to sporting events and movies 610900 620122 620212 620222 620903	3822	NUM(10,3)
TFEESADC	Trip expenditures on miscellaneous entertainment this quarter including recreation expenses, participation sport fees, and admission fees to sporting events and movies same UCCs as above	3832	NUM(10,3)
TOTHENTP	Trip expenditures on recreational vehicle rentals last quarter including campers, boats, and other vehicles 520907 620909 620919	3842	NUM(10,3)
TOTHENTC	Trip expenditures on recreational vehicle rentals this quarter including campers, boats, and other vehicles same UCCs as above	3852	NUM(10,3)

The following variables include expenditures related to vacation homes. Because these types of expenditures are not directly related to travel, they are not included in TOTALP(C) and hence the names of these variables do not start with a "T". While principal and interest payments for owned vacation homes are included in the variables below, please be aware that rent paid for vacation homes is included in TOTHRLOP(C).

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
OWNVACP	Expenditures on owned vacation homes last quarter including mortgage interest, insurance, taxes, maintenance, and miscellaneous household equipment VOTHRLOP+VMISCHEP	3862	NUM(10,3)
OWNVACC	Expenditures on owned vacation homes this quarter including mortgage interest, insurance, taxes, maintenance, and miscellaneous household equipment same composition as above	3872	NUM(10,3)
VOTHRLOP	Expenditures on owned vacation homes last quarter including mortgage interest, insurance, taxes, and maintenance 210902 220122 220212 220312 220314 220322 220902 230119 230123 230152 230902 240113 240123 240214 240223 240313 240323 320613 320623 320633 340912 880310 990940	3882	NUM(10,3)
VOTHRLOC	Expenditures on owned vacation homes this quarter including mortgage interest, insurance, taxes, and maintenance same UCCs as above	3892	NUM(10,3)
VMISCHEP	Expenditures on miscellaneous household equipment for owned vacation homes last quarter 690243	3902	NUM(10,3)
VMISCHEC	Expenditures on miscellaneous household equipment for owned vacation homes this quarter same UCC as above	3912	NUM(10,3)
UTILOWNP	Expenditures on owned vacation home utilities last quarter including water, trash, electricity, and fuels VFUELOIP+VOTHRFLP+VELECTRP+VNATLGAP +VWATERPP	3922	NUM(10,3)
UTILOWNC	Expenditures on owned vacation home utilities this quarter including water, trash, electricity, and fuels same composition as above	3932	NUM(10,3)
VFUELOIP	Expenditures on electricity for owned vacation homes last quarter 250113	3942	NUM(10,3)

VFUELOIC	Expenditures on electricity for owned vacation homes this quarter Same UCC as above	3952	NUM(10,3)
VOTHRFLP	Expenditures on other fuels for owned vacation homes last quarter 250213 250223 250903	3962	NUM(10,3)
VOTHRFLC	Expenditures on other fuels for owned vacation homes this quarter same UCCs as above	3972	NUM(10,3)
VELECTRP	Expenditures on electricity for owned vacation homes last quarter 260113	3982	NUM(10,3)
VELECTRC	Expenditures on electricity for owned vacation homes this quarter same UCC as above	3992	NUM(10,3)
VNATLGAP	Expenditures on natural gas for owned vacation homes last quarter 260213	4002	NUM(10,3)
VNATLGAC	Expenditures on natural gas for owned vacation homes this quarter same UCC as above	4112	NUM(10,3)
VWATERPP	Expenditures on water and public services for owned vacation homes last quarter 270213 270413 270903	4122	NUM(10,3)
VWATERPC	Expenditures on water and public services for owned vacation homes this quarter Same UCCs as above	4132	NUM(10,3)
MRTPRNOP	Outlays on owned vacation home mortgage principle last quarter 830102 830202 830204 880320	4142	NUM(10,3)
MRTPRNOC	Outlays on owned vacation home mortgage principle this quarter same UCCs as above	4152	NUM(10,3)
UTILRNTP	Expenditures on rented vacation home utilities last quarter including water, trash, electricity, and fuels RFUELOIP+ROTHRFLP+RELECTRP+RNATLGAP +RWATERPP	4162	NUM(10,3)
UTILRNTC	Expenditures on rented vacation home utilities this quarter including water, trash, electricity, and fuels same composition as above	4172	NUM(10,3)
RFUELOIP	Expenditures on fuel oil for rented vacation homes last quarter 250114	4082	NUM(10,3)

RFUELOIC	Expenditures on fuel oil for rented vacation homes this quarter same UCC as above	4092	NUM(10,3)
ROTHRFLP	Expenditures on other fuels for rented vacation homes last quarter 250214 250224 250904	4102	NUM(10,3)
ROTHRFLC	Expenditures on other fuels for rented vacation homes this quarter same UCCs as above	4112	NUM(10,3)
RELECTRP	Expenditures on electricity for rented vacation homes last quarter 260114	4222	NUM(10,3)
RELECTRC	Expenditures on electricity for rented vacation homes this quarter same UCC as above	4232	NUM(10,3)
RNATLGAP	Expenditures on natural gas for rented vacation homes last quarter 260214	4242	NUM(10,3)
RNATLGAC	Expenditures on natural gas for rented vacation homes this quarter same UCC as above	4252	NUM(10,3)
RWATERPP	Expenditures on water and public services for rented vacation homes last quarter 270214 270414 270904	4262	NUM(10,3)
RWATERPC	Expenditures on water and public services for rented vacation homes this quarter same UCCs as above	4272	NUM(10,3)

## **Expenditure Outlays Summary Variables**

Expenditure outlay summary level variables (EVARS) are used to provide a measurement of all expenditure outlays. These variables are constructed similarly to the main summary level expenditure variables in that they contain interest payments for home mortgage and vehicles when financed. The difference with with the EVARS are that they also include payments on principle for home mortgages and vehicles. Note: main summary level expenditure variables are components of the higher aggregated EVARS. The EVARS follow the same naming convention as the main summary level expenditure variables. Expenditures within the collection quarter are sorted by whether they occurred in the previous calendar quarter or in the current calendar quarter. As in the Travel related summary variables, the EVARS are appended with a "P" for previous or "C" for current.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
ETOTALP	Total outlays last quarter, sum of outlays from all major expenditure categories. FOODPQ + ALCBEVPQ + EHOUSNGP + APPARPQ + ETRANPTP + HEALTHPQ + EENTRMTP + PERSCAPQ + READPQ + EDUCAPQ + TOBACCPQ + EMISCELP + CASHCOPQ + PERINSPQ	4206	NUM(10,3)
ETOTALC	Total outlays this quarter, sum of outlays from all major expenditure categories. Same composition as above	4216	NUM(10,3)
ETOTAPX4	Adjusted total outlays last quarter, sum of outlays from all major expories. FOODPQ + ALCBEVPQ + EHOUSNGP + APPARPQ + ETRANPTP + HEALTHPQ + EENTRMTP + PERSCAPQ + READPQ + EDUCAPQ + TOBACCPQ + MISC1PQ + MISC2PQ * (4) + EMISCMTP + PERINSPQ	4226	NUM(10,3)
ETOTACX4	Adjusted total outlays this quarter, sum of outlays from all major expenditure categories. Same composition as above	4236	NUM(10,3)
EHOUSNGP	Total housing outlays last quarter including maintenance, fuels, public services, household operations, house furnishings, and mortgage (lump sum home equity loan or line of credit home equity loan) principle and interest. ESHELTRP + UTILPQ + HOUSOPPQ + HOUSEQPQ	4246	NUM(10,3)
EHOUSNGC	Total housing outlays this quarter including maintenance, fuels, public services, household operations, house furnishings, and mortgage (lump sum home equity loan or line of credit home equity loan) principle and interest. Same composition as above	4256	NUM(10,3)
ESHELTRP	Shelter outlays last quarter including mortgage principle and interest for owned home and/or vacation home, rents, insurance, taxes, and maintenance. EOWNDWLP + RENDWEPQ + EOTHLODP	4266	NUM(10,3)
ESHELTRC	Shelter outlays this quarter including mortgage principle and	4276	NUM(10,3)

	interest for owned home and/or vacation home, rents, insurance, taxes, and maintenance. Same composition as above		
EOWNDWLP	Owned home outlays last quarter including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. OWNDWEPQ + EMRTPNOP	4286	NUM(10,3)
EOWNDWLC	Owned home outlays this quarter including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. Same composition as above	4296	NUM(10,3)
EOTHLODP	Outlays for other lodging last quarter such as owned vacation home, including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. OTHLODPQ, EMRTPNVP	4306	NUM(10,3)
EOTHLODC	Outlays for other lodging this quarter such as owned vacation home, including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. Same composition as above	4316	NUM(10,3)
EMRTPNOP	Mortgage principal outlays last quarter for owned home. 830201, 830203, 880120  Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTAB costs are used to convert the values of this family file variable to positive values.	4326	NUM(10,3)
EMRTPNOC	Mortgage principal outlays this quarter for owned home. Same composition as above	4336	NUM(10,3)
EMRTPNVP	Mortgage principal outlays last quarter for owned vacation home. 830202, 830204, 880320  Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTAB costs are used to convert the values of this family file variable to positive values.	4346	NUM(10,3)
EMRTPNVC	Mortgage principal outlays this quarter for owned vacation home. Same composition as above	4356	NUM(10,3)
ETRANPTP	Total outlays for transportation last quarter including down payment, principal and finance charges paid on loans, gasoline and motor oil, maintenance and repairs, insurance, public transportation, and vehicle rental licenses and other charges. EVEHPURP + GASMOPQ + MAINRPPQ + VEHINSPQ + VRNTLOPQ + PUBTRAPQ	4366	NUM(10,3)

ETRAPTC	Total outlays for transportation this quarter including down payment, principal and finance charges paid on loans, gasoline and motor oil, maintenance and repairs, insurance, public transportation, and vehicle rental licenses and other charges. Same composition as above	4376	NUM(10,3)
EVEHPURP	Outlays for vehicle purchases last quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. ECARTKNP + ECARTKUP + EOTHVEHP	4386	NUM(10,3)
EVEHPURC	Outlays for vehicle purchases this quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. Same composition as above	4396	NUM(10,3)
ECARTKNP	Outlays for new vehicle purchases last quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. 870101, 870102, 870103, 870104	4406	NUM(10,3)
ECARTKNC	Outlays for new vehicle purchases this quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. Same composition as above	4416	NUM(10,3)
ECARTKUP	Outlays for used vehicle purchases last quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. 870201, 870202, 870203, 870204	4426	NUM(10,3)
ECARTKUC	Outlays for used vehicle purchases this quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. Same composition as above	4436	NUM(10,3)
EOTHVEHP	Outlays for other vehicle purchases last quarter such as motorcycles and airplanes including down payment, principal and interest paid on loans, or if not financed, purchase amount. 870301, 870302, 870303, 870304	4446	NUM(10,3)
EOTHVEHC	Outlays for other vehicle purchases this quarter such as motorcycles and airplanes including down payment, principal and interest paid on loans, or if not financed, purchase amount. Same composition as above	4456	NUM(10,3)
EENTRMTP	Total entertainment outlays last quarter including sound systems, sports equipment, toys, cameras, and down payments on boats and campers. FEEADMPQ, TVRDIOPQ, PETTOYPQ, EOTHENTP	4466	NUM(10,3)
EENTRMTC	Total entertainment outlays this quarter including sound systems, sports equipment, toys, cameras, and down	4476	NUM(10,3)

	payments on boats and campers. Same composition as above		
EOTHENTP	Outlays for other entertainment supplies last quarter, equipment, and services including down payments on boats and campers. ENOMOTRP + EMOTRVHP + EENTMSCP	4486	NUM(10,3)
EOTHENTC	Outlays for other entertainment supplies this quarter, equipment, and services including down payments on boats and campers. Same composition as above	4496	NUM(10,3)
ENOMOTRP	Outlays for non-motored recreational vehicles last quarter. 870401, 870402, 870403, 870404, 870501, 870502, 870503, 870504	4506	NUM(10,3)
ENOMOTRC	Outlays for non-motored recreational vehicles this quarter. Same composition as above	4516	NUM(10,3)
EMOTRVHP	Outlays for motored recreational vehicles last quarter. 870605, 870606, 870607, 870608, 870701, 870702, 870703, 870704, 870801, 870802, 870803, 870804	4526	NUM(10,3)
EMOTRVHC	Outlays for motored recreational vehicles this quarter. Same composition as above	4536	NUM(10,3)
EENTMSCP	Miscellaneous entertainment outlays last quarter including photographic and sports equipment, and boat and RV rentals. 520901, 520904, 520907, 600110, 600210, 600310, 600410, 600420, 600430, 600901, 600902, 610210, 610230, 620320, 620330, 620905, 620906, 620908, 620909, 620919, 620921, 620922	4546	NUM(10,3)
EENTMSCC	Miscellaneous entertainment outlays this quarter including photographic and sports equipment, and boat and RV rentals. Same composition as above	4556	NUM(10,3)
EMISCELP	Miscellaneous outlays last quarter including reduction of mortgage principal (lump sum home equity loan) on other property. MISCPQ + EMISCMTP	4566	NUM(10,3)
EMISCELC	Miscellaneous outlays this quarter including reduction of mortgage principal (lump sum home equity loan) on other property. Same composition as above	4576	NUM(10,3)
EMISCMTP	Mortgage principal outlays last quarter for other property. 790920, 790940, 880220	4586	NUM(10,3)

Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTAB costs are used to convert the values of this family file variable to positive values.

EMISCMTC	Mortgage principal outlays this quarter for other property. Same composition as above	4596	NUM(10,3)
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**2. MEMBER CHARACTERISTICS AND INCOME (MEMB) FILE**

The "MEMB" file, also referred to as the "Member Characteristics and Income" file, contains selected characteristics for each CU member, including identification of relationship to reference person. Characteristics for the reference person and spouse appear on both the MEMB file and FMLY file.

Demographic characteristic data, such as age of CU member, refer to the member status on the date of the interview. Characteristic information may change between interviews. Income data are collected in the second and fifth interviews for all CU members over 13 years of age and in the third and fourth interviews for members over 13 who are new to the CU or who previously reported not working and are now working. Member income data from the second interview are carried over to the third and fourth interviews subject to the above conditions. Income variables contain annual values for the 12 months prior to the interview month. Income taxes withheld and pension and retirement contributions are shown both annually and as deductions from the member's last paycheck. When there is a valid nonresponse, or where nonresponse occurs and there is no imputation, there will be missing values. The type of nonresponse is explained by associated data flag variables described in Section III.C. DATA FLAGS.

**a. CU AND MEMBER IDENTIFIERS**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NEWID	CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5.  It is possible for a CU to skip an interview. For example, a CU could have a 2nd, 3rd and 5th interview but no 4th interview.  BLS derived	1	NUM(8)
MEMBNO	Person line number  Control Card 16	151	NUM(2)

**b. CHARACTERISTICS OF MEMBER**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*CU_CODE	What is the member's relationship to ( <i>reference person</i> )? CODED 1 Reference person 2 Spouse 3 Child or adopted child 4 Grandchild 5 In-law 6 Brother or sister 7 Mother or father 8 Other related person 9 Unrelated person <del>0 Blank, or illegible entry</del>  CODED <b>0 Unmarried Partner [N(Y032)]</b>  Control Card 19	68	CHAR(1)
*CU_CODE_	<b>D(Y032)</b>	69	CHAR(1)
AGE	What is the member's date of birth? (Age is verified.)  Control Card 24	9	NUM(2)
AGE_		11	CHAR(1)
*RACE	What is the race of each person in this CU? CODED 1 White 2 Black 3 American Indian, Aleut, or Eskimo 4 Asian or Pacific Islander  Control Card 25 <b>D(Y032)</b>	183	CHAR(1)
*RACE_	<b>D(Y032)</b>	184	CHAR(1)
SEX	Is the member male or female? CODED 1 Male 2 Female  Control Card 21	221	CHAR(1)
*SEX_	<b>D(Y032)</b>	222	CHAR(1)
MARITAL	Is the member now . . . ? (Marital status) CODED 1 Married	147	CHAR(1)

- 2 Widowed
- 3 Divorced
- 4 Separated
- 5 Never married

Control Card 27

\*MARITAL\_ **D(Y032)** 148 CHAR(1)

\*ORIGINR What is the member's ethnic origin or ancestry? 169 CHAR(1)  
CODED

- 1 European:
  - German
  - Italian
  - Irish
  - French
  - Polish
  - Russian
  - English
  - Scottish
  - Dutch
  - Swedish
  - Hungarian
- 2 Spanish:
  - Mexican American
  - Chicano
  - Mexican
  - Puerto Rican
  - Cuban
  - Central or South American
  - Other Spanish
- 3 Afro-American (Black or Negro)
- 4 Another group not listed / Don't know

Control Card 26

**D(Y032)**

EDUCA What is the highest level of school the member has completed or 74 CHAR(2)  
the highest degree the member has received?

CODED

- 00 Never attended school
- 01-11 1st grade through 11th grade
- 38 Twelfth grade – no degree
- 39 High school graduate
- 40 Some college – no degree
- 41 Associate's degree (occupational/vocational)
- 42 Associate's degree (academic)
- 43 Bachelor's degree
- 44 Master's degree
- 45 Professional degree
- 46 Doctorate degree

Control Card 28a

EDUCA\_ 76 CHAR(1)

IN_COLL	Is the member currently enrolled in a college or university either . . . ? CODED 1 Full time 2 Part time 3 Not at all  Control Card 28b	112	CHAR(1)
IN_COLL_		113	CHAR(1)
ARM_FORC	Is the member now in the armed forces? CODED 1 Yes 2 No  Control Card 29	66	CHAR(1)
ARM__ORC		67	CHAR(1)
EARNER	Does member earn income? CODED 1 Yes, member earns income. 2 No, member does not earn income.  BLS derived	70	CHAR(1)
EARNER_		71	CHAR(1)
EARNTYPE	Type of earner CODED 1 Member worked full time for a full year. 2 Member worked part time for a full year. 3 Member worked full time for part of year. 4 Member worked part time for part of year.  BLS derived	72	CHAR(1)
EARN_YPE		73	CHAR(1)
SCHMLWKQ	How many weeks did the member purchase meals at school?  CAPI Section 20 (S 20A 9b.d)	214	NUM(2)
SCHM_WKQ		216	CHAR(1)
SCHMLWKX	What is the usual WEEKLY expense for the meals the member purchased at school?  CAPI Section 20 (S 20A 9b.c)	217	NUM(3)
SCHM_WKX		220	CHAR(1)
*HORIGIN	Are you Hispanic Latino, or Spanish? 1 Yes	312	CHAR(1)

	2 No Control Card <b>N(Y032)</b>		
*HISPANIC	Country of Hispanic Origin Coded: 1 Mexican 2 Mexican-American 3 Chicano 4 Puerto Rican 5 Cuban 6 Cuban-American 7 Central or South American 8 Other Hispanic group not listed Blank for non-hispanic Control Card <b>N(Y032)</b>	313	CHAR(1)
*HISP_NIC	<b>N(Y032)</b>	314	CHAR(1)
*MEMBRACE	Race of Member Coded: 1 White 2 Black 3 Native American 4 Asian 5 Pacific Islander 6 Multi-race Control Card <b>N(Y032)</b>	315	CHAR(1)
*RC_WHITE	Race Coded: 1 White BLS Derived <b>N(Y032)</b>	316	CHAR(1)
*RC_W_ITE	<b>N(Y032)</b>	317	CHAR(1)
*RC_BLACK	Race Coded: 2 Black BLS Derived <b>N(Y032)</b>	318	CHAR(1)
* RC_B_ACK	<b>N(Y032)</b>	319	CHAR(1)
*RC_NATAM	Race: Coded: 3 Native American BLS Derived <b>N(Y032)</b>	320	CHAR(1)
*RC_N_TAM	<b>N(Y032)</b>	321	CHAR(1)

*RC_ASIAN	Race Coded: 4 Asian BLS Derived <b>N(Y032)</b>	322	CHAR(1)
*RC_A_IAN	<b>N(Y032)</b>	323	CHAR(1)
*RC_PACIL	Race Coded: 5 Pacific Islander BLS Derived <b>N(Y032)</b>	324	CHAR(1)
*RC_P_CIL	<b>N(Y032)</b>	325	CHAR(1)
RC_OTHER	Race Coded: 6 Other BLS Derived <b>N(Y032)</b>	326	CHAR(1)
*RC_O_HER		327	CHAR(1)
*RC_DK	Race Coded: 7 Don't Know BLS Derived <b>N(Y032)</b>	328	CHAR(1)
*RC_DK_	<b>N(Y032)</b>	329	CHAR(1)
*ASIAN	Country of Asian origin (asked only if '4' is entered for MEMBRACE) Coded: 1 Chinese 2 Filipino 3 Japanese 4 Korean 5 Vietnamese 6 Asian Indian 7 Other Control Card <b>N(Y032)</b>	330	CHAR(1)
*ASIAN_	<b>N(Y032)</b>	331	CHAR(1)

**c. WORK EXPERIENCE OF MEMBER**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
INCWEEKQ	In the last 12 months, how many weeks did the member work either full or part time not counting work around the house? Include paid vacation and paid sick leave.  CAPI Section 22 (S22A-E 2)	126	NUM(2)
INCW_EKQ		128	CHAR(1)
INC_HRSQ	In the weeks that the member worked, how many hours did the member usually work per week?  CAPI Section 22 (S22A-E 3)	114	NUM(3)
INC__RSQ		117	CHAR(1)
OCCUCODE	The job in which the member received the most earnings during the past 12 months fits best in the following category: CODED Manager, professional 01 Administrator, manager 02 Teacher 03 Professional Administrative support, technical, sales 04 Administrative support, including clerical 05 Sales, retail 06 Sales, business goods and services 07 Technician Service 08 Protective service 09 Private household service 10 Other service Operator, assembler, laborer 11 Machine operator, assembler, inspector 12 Transportation operator 13 Handler, helper, laborer Precision production, craft, repair 14 Mechanic, repairer, precision production 15 Construction, mining Farming, forestry, fishing 16 Farming 17 Forestry, fishing, groundskeeping Armed forces 18 Armed forces  CAPI Section 22 (S22A-E 4a)	166	CHAR(2)
OCCU_ODE		168	CHAR(1)
INCOMEY	Was the member . . . ? (Type of employee) Refers to job where member received the most earnings in the past 12 months. CODED	122	CHAR(1)

- 1 An employee of a PRIVATE company, business, or individual working for wages or salary
- 2 A Federal government employee
- 3 A State government employee
- 4 A local government employee
- 5 Self-employed in OWN business, professional practice or farm
- 6 Working WITHOUT PAY in family business or farm,

CAPI Section 22 (S22A-E 4b)

INCOMEY\_ 123 CHAR(1)

INCORP Is the business incorporated? (For members who are self-employed in own business or professional practice, excluding farms.) Refers to job where member received the most earnings in the past 12 months. 124 CHAR(1)

CODED

- 1 Yes
- 2 No

CAPI Section 22 (S22A-E 4b)

INCORP\_ 125 CHAR(1)

PWRKSTAT Work status of member in past 12 months (Refers to job where member received the most earnings in the past 12 months.) 181 CHAR(1)

CODED

- 1 Salaried
- 2 Self-employed
- 3 Working without pay

BLS derived

PWRK\_TAT 182 CHAR(1)

INCNONWK What was the main reason the member did not work during the past 12 months? Was the member . . .? 120 CHAR(1)

CODED

- 1 Retired
- 2 Taking care of home/family
- 3 Going to school
- 4 Ill, disabled, unable to work
- 5 Unable to find work
- 6 Doing something else

CAPI Section 22 (S22A-E 5)

INCN\_NWK 121 CHAR(1)

d. **INCOME**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
SALARYX	During the past 12 months, what was the amount of wages or salary income received before any deductions?  CAPI Section 22 (S22A-E 6a)	203	NUM(10)
SALARYX_		213	CHAR(1)
SALARYB	Bracketed variable for SALARYX  CODED 01 \$0 - \$4,999 02 \$5,000 - \$9,999 03 \$10,000 - \$14,999 04 \$15,000 - \$19,999 05 \$20,000 - \$29,999 06 \$30,000 - \$39,999 07 \$40,000 - \$49,999 08 \$50,000 - \$69,999 09 \$70,000 - \$89,999 10 \$90,000 - \$119,999 11 \$120,000 and over  CAPI Section 22 (S 22A E6b)	262	CHAR(2)
SALARYB_		264	CHAR(1)
SALARYBX	Median of bracket range of SALARYB  BLS derived	265	NUM(6)
SALA_YBX		271	CHAR(1)
GROSPAYX	What was the gross amount of the member's last pay?  CAPI Section 22 (S 22A E6c)	101	NUM(10)
GROS_AYX		111	CHAR(1)
PAYPERD	What period of time did this last gross pay cover? CODED 1 One week 2 Two weeks 3 Month 4 Quarter 5 Year 6 Other 7 Twice a month  CAPI Section 22 (S 22A E6d)	170	CHAR(1)
PAYPERD_		171	CHAR(1)

NONFARMX	During the past 12 months, what was the amount of income or loss from the member's own nonfarm business, partnership or professional practice after expenses? *L  CAPI Section 22 (S 22A E7a)	155	NUM(10)
NONF_RMX		165	CHAR(1)
NONFARMB	Bracketed variable for NONFARMX  CODED 00 Loss 01 \$0 - \$4,999 02 \$5,000 - \$9,999 03 \$10,000 - \$14,999 04 \$15,000 - \$19,999 05 \$20,000 - \$29,999 06 \$30,000 - \$39,999 07 \$40,000 - \$49,999 08 \$50,000 - \$69,999 09 \$70,000 - \$89,999 10 \$90,000 - \$119,999 11 \$120,000 and over  CAPI Section 22 (S 22A E7b)	272	CHAR(2)
NONF_RMB		274	CHAR(1)
NONFRMBX	Median of bracket range of NONFARMB *L  BLS derived	275	NUM(6)
NONF_MBX		281	CHAR(1)
NFRMLOSS	Was there a loss from the member's own nonfarm business, partnership, or professional practice? CODED 3 Loss  CAPI Section 22 (S 22A E7b)	153	CHAR(1)
NFRM_OSS		154	CHAR(1)
FARMINCX	During the past 12 months, what was the amount of income or loss from the member's own farm after expenses? *L  CAPI Section 22 (S 22A E7d)	79	NUM(10)
FARM_NCX		89	CHAR(1)
FARMINCB	Bracketed variable for FARMINCX	282	CHAR(2)

CODED

- 00 Loss
- 01 \$0 - \$4,999
- 02 \$5,000 - \$9,999
- 03 \$10,000 - \$14,999
- 04 \$15,000 - \$19,999
- 05 \$20,000 - \$29,999
- 06 \$30,000 - \$39,999
- 07 \$40,000 - \$49,999
- 08 \$50,000 - \$69,999
- 09 \$70,000 - \$89,999
- 10 \$90,000 - \$119,999
- 11 \$120,000 and over

CAPI Section 22 (S 22A E7e)

FARM_NCB		284	CHAR(1)
FRMINCBX	Median of bracket range of FARMINCB *L	285	NUM(6)
	BLS derived		
FRMI_CBX		291	CHAR(1)
FARMLOSS	Was there a loss from the member's own farm? CODED	90	CHAR(1)
	3 Loss		

CAPI Section 22 (S 22A E7d)

FARM_OSS		91	CHAR(1)
SOCRRX	Amount of Social Security and Railroad Retirement income received by member in past 12 months	239	NUM(8)
	BLS derived		
SOCRRX_		247	CHAR(1)
RRRETIRX	What was the amount of the last Social Security or Railroad Retirement payment received? (In past 12 months)	194	NUM(8)

CAPI Section 22 (S 22A E9d)

RRRE_IRX		202	CHAR(1)
RRRETIRB	Bracketed variable for RRRETIRX	292	CHAR(2)

CODED

- 01 Less than \$300
- 02 \$300 - \$399
- 03 \$400 - \$499
- 04 \$500 - \$599
- 05 \$600 - \$699
- 06 \$700 - \$799

- 07 \$800 - \$899
- 08 \$900 - \$999
- 09 \$1000 - \$1499
- 10 \$1500 and over

CAPI Section 22 (S 22A E9e)

RRRE_IRB		294	CHAR(1)
RRRETRBX	Median of bracket range of RRRETIRB	295	NUM(6)
	BLS derived		
RRRE_RBX		301	CHAR(1)
INCMEDCR	Is the amount of the last Social Security or Railroad Retirement payment received AFTER the deduction for a Medicare premium?	118	CHAR(1)
	CODED		
	1 Yes		
	2 No		

CAPI Section 22 (S 22A E9f)

INCM_DCR		119	CHAR(1)
SS_RRQ	During the past 12 months, how many Social Security or Railroad Retirement payments did the member receive?	248	NUM(2)

CAPI Section 22 (S 22A E9g)

SS_RRQ_		250	CHAR(1)
SSIX	During the past 12 months, how much did the member receive in Supplemental Security Income checks altogether? (From U.S. Government and State or local Government)	251	NUM(8)

CAPI Section 22 (S 22A E10c)

SSIX_		259	CHAR(1)
SSIB	Bracketed variable for SSIX	302	CHAR(2)

CODED

- 01 \$0 - \$999
- 02 \$1,000 - \$1,999
- 03 \$2,000 - \$2,999
- 04 \$3,000 - \$3,999
- 05 \$4,000 - \$4,999
- 06 \$5,000 - \$9,999
- 07 \$10,000 - \$14,999
- 08 \$15,000 - \$19,999
- 09 \$20,000 - \$29,999
- 10 \$30,000 - \$39,999
- 11 \$40,000 - \$49,999
- 12 \$50,000 and over

CAPI Section 22 (S 22A E10d)

SSIB_		304	CHAR(1)
SSIBX	Median of bracket range of SSIB	305	NUM(6)
	BLS derived		
SSIBX_		311	CHAR(1)

**e. TAXES**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
ANFEDTX	Annualized amount of Federal income tax deducted from last pay ((AMTFED/GROSPAYX) x SALARYX)	21	NUM(8)
	BLS derived		
ANFEDTX_		29	CHAR(1)
AMTFED	How much was deducted from the member's last pay for Federal income tax?	12	NUM(8)
	CAPI Section 22 (S 22A E6e.1)		
AMTFED_		20	CHAR(1)
ANSLTX	Annualized amount of state and local income taxes deducted from last pay ((SLTAXX/GROSPAYX x SALARYX)	57	NUM(8)
	BLS derived		
ANSLTX_		65	CHAR(1)
SLTAXX	How much was deducted from the member's last pay for state and local income tax?	230	NUM(8)
	CAPI Section 22 (S 22A E6e.2)		
SLTAXX_		238	CHAR(1)

**f. RETIREMENT AND PENSION DEDUCTIONS**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
SSNORM	Are Social Security payments normally deducted from your paycheck? CODED	260	CHAR(1)

	1 Yes 2 No		
	CAPI Section 22 (S 22A E6f)		
SSNORM_		261	CHAR(1)
JSSDEDX	Estimated amount of income contributed to Social Security by member in past 12 months	140	NUM(6)
	BLS derived		
MEDICOV	Does the money deducted for Social Security cover only the Medicare portion of Social Security?	149	CHAR(1)
	CODED		
	1 Yes 2 No		
	CAPI Section 22 (S 22A E6g)		
MEDICOV_		150	CHAR(1)
SLFEMPSS	Amount of income contributed to Social Security by member if self-employed	223	NUM(6)
	BLS derived		
SLFE_PSS		229	CHAR(1)
ANRRDEDX	Annualized amount of Railroad Retirement deducted from last pay ((RRRDEDX/GROSPAYX x SALARYX)	48	NUM(8)
	BLS derived		
ANRR_EDX		56	CHAR(1)
RRRDEDX	How much was deducted from the member's last pay for Railroad Retirement?	185	NUM(8)
	CAPI Section 22 (S 22A E6e.5)		
RRRDEDX_		193	CHAR(1)
ANGOVRTX	Annualized amount of Government Retirement deducted from last pay ((GOVRETX/GROSPAYX x SALARYX)	30	NUM(8)
	BLS derived		
ANGO_RTX		38	CHAR(1)
GOVRETX	How much was deducted from the member's last pay for Government Retirement?	92	NUM(8)
	CAPI Section 22 (S 22A E6e.4)		

GOVRETX_		100	CHAR(1)
ANPRVPNX	Annualized amount of private pensions deducted from last pay ((PRIVPENX/GROSPAYX x SALARYX)  BLS derived	39	NUM(8)
ANPR_PNX		47	CHAR(1)
PRIVPENX	How much was deducted from the member's last pay for private pension fund?  CAPI Section 22 (S 22A E6e.3)	172	NUM(8)
PRIV_ENX		180	CHAR(1)
EMPLCONT	Other than Social Security, did any employer or union that the member worked for during the last 12 months contribute to a pension or retirement plan that the member was enrolled in? CODED 1 Yes 2 No  CAPI Section 22 (S 22A E6h)	77	CHAR(1)
EMPL_ONT		78	CHAR(1)
INDRETX	During the past 12 months, how much money did the member place in a retirement plan such as Individual Retirement Account (IRA & Keogh)? (Exclude rollovers)  CAPI Section 22 (S 22A E8)	129	NUM(10)
INDRETX_		139	CHAR(1)

### **3. MONTHLY EXPENDITURES (MTAB) FILE**

In the MTAB file, each expenditure reported by a CU is identified by UCC, gift/nongift status, and month in which the expenditure occurred. UCCs are six digit codes that identify items or groups of items. (See Section XIII.A for a listing of UCCs.) The expenditure data record purchases that were made during the three month period prior to the month of the interview. There may be more than one record for a UCC in a single month if that is what was reported to the interviewer. There are no missing values in this file. If no expenditure was reported for the item(s) represented by a UCC, then there is no record for the UCC on the file.

The following UCCs are from questions asked only in the 2nd or 5th interviews.

006001	Total amount owed to creditors (2nd interview)
006002	Total amount owed to creditors (5th interview)
710110	Finance charges, excluding mortgage and vehicles (5th interview)

NOTE: To be used at the macro level, the above UCCs need to be multiplied by 4 in order to account for those CUs that are not asked these questions.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NEWID	<p>CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5.</p> <p>It is possible for a CU to skip an interview. For example, a CU could have a 2nd, 3rd and 5th interview but no 4th interview.</p> <p>BLS derived</p>	1	NUM(8)
UCC	<p>Universal Classification Code</p> <p>See Section XIII.A. for a listing of MTAB UCC codes and titles.</p> <p>BLS derived</p>	9	CHAR(6)
COST	<p>Cost *L</p> <p>BLS derived</p>	15	NUM(12,4)
COST_	<p>Cost flag CODED</p> <p>Computation Status of Cost:            T Topcoded            0 No change            1 One of the source fields was flagged by Census            2 Manually updated</p> <p>Note: All of the following flags (3-9 &amp; Q-S) indicate the source field data were adjusted by BLS.            3 Imputation            4 Allocation            5 Imputation and allocation            6 Computation            7 Computation and imputation            8 Computation and allocation            9 Computation, imputation and allocation            Q Manual imputation            R Manual allocation            S Special processing of trips and vacations data</p> <p>BLS derived</p>	27	CHAR(1)
GIFT	<p>Was item bought for someone outside the CU? CODED            1 Yes            2 No</p> <p>BLS derived</p>	28	CHAR(1)

PUBFLAG	Is cost included in published bulletin? CODED 1 Not published 2 Published in Integrated Bulletin  BLS derived	29	CHAR(1)
REF_MO	Reference month of this expenditure  BLS derived	30	CHAR(2)
REF_YR	Reference year of this expenditure  BLS derived	32	CHAR(4)

#### **4. INCOME (ITAB) FILE**

The "ITAB" file, also referred to as the "Income" file, contains CU characteristics and income data. This file is created directly from the FMLY file and contains the same annual and point-of-interview data in a monthly format. It was created to facilitate computer processing when linking CU income and characteristics data with MTAB expenditure data. As such, the file structure is similar to MTAB. Each characteristic and income item is identified by UCC (See Section XIII.B. for a listing of UCCs), gift/nongift status, and month. There are no records with missing values in ITAB. If the corresponding FMLY file variable contained a missing value, there is no record for the UCC.

The following UCCs are from questions asked only in the 5th interview. Therefore, there will be no values for these UCCs for CUs in their 2nd through 4th interviews. They have been multiplied by 4 because these data are used as estimated values for those CUs not asked the questions in that particular quarter. Therefore, to be used at the micro level they should be divided by 4. For example, if a CU reports \$50,000 for value of savings account for the past 12 months, the amount of  $(\$50,000 \times 4) / 12 = \$16666.67$  is entered as the cost for each of the 3 months of the quarter for UCC 920012. It is multiplied by 4 because only one-fourth of all CUs interviewed in a quarter are asked this question (those in the fifth interview) and it is divided by 12 to make it a monthly figure. To obtain the annual value for the CU, sum the cost for the 3 months, for the following UCCs:

001000	003000
001010	003100
001210	920010
001220	920020
002010	920030
002020	920040
002030	

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NEWID	CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5.  It is possible for a CU to skip an interview. For example, a CU could have a 2nd, 3rd and 5th interview but no 4th interview.  BLS derived	1	NUM(8)
REFMO	Reference month  BLS derived	9	CHAR(2)
REFYR	Reference year  BLS derived	11	CHAR(4)
UCC	Universal Classification Code  See Section XIII.B. for a listing of ITAB UCC codes and titles.  BLS derived	15	CHAR(6)
PUBFLAG	Is value included in published bulletin? CODED 1 Not published 2 Published in Integrated Bulletin  BLS derived	21	CHAR(1)
VALUE	Value of UCC *L  BLS derived	22	NUM(12,4)
VALUE_	Value flag CODED T - Topcoded Blank - Not topcoded  BLS derived	34	CHAR(1)

## 5. DETAILED EXPENDITURES (EXPN) FILES

### a. SECTION 1 GENERAL SURVEY INFORMATION (APL)

#### PART C Major Household Appliances - For New Consumer Units Only

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
QYEAR	<p>Quarter and year of the interview, for use in matching to the other files</p> <p>CODED</p> <p>20011 2001, 1st quarter            20012 2001, 2nd quarter            20013 2001, 3rd quarter            20014 2001, 4th quarter            20021 2002, 1st quarter</p> <p>BLS derived</p>	1	CHAR(5)
NEWID	<p>CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5.</p> <p>It is possible for a CU to skip an interview. For example, a CU could have a 2nd, 3rd and 5th interview but no 4th interview.</p> <p>BLS derived</p>	6	NUM(8)
SEQNO	<p>Sequence number, uniquely identifies each EXPN record based on order of entries on survey questionnaire</p> <p>BLS derived</p>	14	NUM(3)
ALCNO	<p>Allocation number, field in common to all rows. Identifies rows that are the result of allocation. If ALCNO is greater than zero then the observation is a result of allocation. ALCNO can be used in conjunction with SEQNO to derive a value which has been allocated and written over with the flag H (see the notes under "ALLOCATION AND RECORD ORIGIN" for instructions).</p> <p>BLS derived</p>	17	NUM(3)
REC_ORIG	<p>Describes the origin of the record, field in common to all records (see "ALLOCATION AND RECORD ORIGIN" for the codes and their descriptions).</p> <p>CENSUS derived</p>	20	CHAR(1)

This file contains an inventory of major household appliances belonging to the CU. These questions are asked at the first interview and the information is carried forward to subsequent interviews through the inventory update process. Note that the title of this section on the questionnaire each user has received indicates it is asked "For New Consumer Units Only". This is because this questionnaire is used for the second through fifth interviews. The section would only be completed if a new CU had moved to the sample address, replacing an old CU that had previously participated.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
MAJCODE	Does your CU have any of the following appliances? CODED 01 Electric stove 02 Gas stove 03 Microwave oven 04 Other cooking stove 05 Refrigerator 06 Home freezer 07 Built-in dishwasher 08 Portable dishwasher 09 Garbage disposal 10 Clothes washer 11 Clothes dryer 12 Color televisions 13 Home computers 14 Sound components, component systems, or compact disc sound systems 15 Video tape recorder, video disc player, or video cassette recorders (VCR's)  CODED  BLS derived	21	CHAR(2)
MAJCODE_		23	CHAR(1)
*MAJAPPLQ	How many of each appliance?  CAPI Section 1 (S01C col. B)	24	NUM(2)
MAJA_PLQ		26	CHAR(1)
PURCHOWN	Purchase for own use  CAPI Section 1 (S01C col.c)	29	CHAR(1)
PURC_OWN		30	CHAR(1)
INCLOWN	Included with owned home  CAPI Section 1 (S 01C col.c)	31	CHAR(1)
INCLOWN_		32	CHAR(1)
RECDGIFT	Received as a gift	33	CHAR(1)

	CAPI Section 1 (\$ 01C col.c)		
RECD_IFT		34	CHAR(1)
INCLRENT	Included with rental unit	35	CHAR(1)
	CAPI Section 1 (\$ 01C col.c)		
INCL_ENT		36	CHAR(1)
RENTSEP	Rented separately	37	CHAR(1)
	CAPI Section 1 (\$ 01C col.c)		
RENTSEP_		38	CHAR(1)

**b. SECTION 2 RENTED LIVING QUARTERS (RNT)**

PART A CU Tenure, Rental Payments, Facilities, and Services for the Sample Unit  
PART B Rental Payments, Facilities, and Services for Other Than Sample Unit

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
SAMP_UN	Is this the sample unit? CODED 1 This is the sample unit (=Part A). 2 This is not the sample unit (=Part B).  BLS derived	21	CHAR(1)
SAMP_UN_		22	CHAR(1)
*RNTLPRD	What period of time does this rental charge cover? CODED 4 Month 9 Other  S02A/B 2b/1b <b>D(Y032)</b>	23	CHAR(1)
*RNTLPRD_	<b>D(Y032)</b>	24	CHAR(1)
*RTPMTQ	Since the 1st of ( <i>month, 3 months ago</i> ), how many payments have been made?  S02A/B 2c/1c <b>D(Y032)</b>	25	NUM(3)
*RTPMTQ_	<b>D(Y032)</b>	28	CHAR(1)

*RTPMTRG	Were all the payments for the same amount? CODED 1 Yes 2 No  S02A/B 2d/1d <b>D(Y032)</b>	29	CHAR(1)
*RTPMTRG_	<b>D(Y032)</b>	30	CHAR(1)
*RTCREXP	Were any payments made during the current month? CODED 1 Yes 2 No  S02A/B 2f/1f <b>D(Y032)</b>	31	CHAR(1)
*RTCREXP_	<b>D(Y032)</b>	32	CHAR(1)
RTELECT	Does the rental payment include the cost of electricity? CODED 1 Yes 2 No  CAPI Section 2 (S02A/B 3a/2a)	33	CHAR(1)
RTELECT_		34	CHAR(1)
RTGAS	Does the rental payment include the cost of gas? CODED 1 Yes 2 No  CAPI Section 2 (S02A/B 3b/2b)	35	CHAR(1)
RTGAS_		36	CHAR(1)
RTWATER	Does the rental payment include the cost of piped-in water? CODED 1 Yes 2 No  CAPI Section 2 (S02A/B 3c/2c)	37	CHAR(1)
RTWATER_		38	CHAR(1)
RTHEAT	Does the rental payment include the cost of heating? CODED 1 Yes 2 No  CAPI Section 2 (S02A/B 3d/2d)	39	CHAR(1)
RTHEAT_		40	CHAR(1)

RTTRASH	Does the rental payment include the cost of trash/garbage collection? CODED 1 Yes 2 No  CAPI Section 2 (S02A/B 3e/2e)	41	CHAR(1)
RTTRASH_		42	CHAR(1)
RTASPAY	Did you (or any members of your CU) receive free or reduced rent for this unit as a form of pay since the first of ( <i>month, 3 months ago</i> )? CODED 1 Yes 2 No  CAPI Section 2 (S02A/B 4a/3a)	43	CHAR(1)
RTASPAY_		44	CHAR(1)
RTCOMPX	What is the rental charge to another tenant for a similar unit?  CAPI Section 2 (S02A/B 4b/3b)	45	NUM(6)
RTCOMPX_		51	CHAR(1)
*RTCMPPD	What period of time does this charge cover? CODED *1 Month <b>N(Y032)</b> *2 Other <b>N(Y032)</b> *4 Month <b>D(Y032)</b> *9 Other <b>D(Y032)</b>  CAPI Section 2 (S02A/B 4c/3c)	52	CHAR(1)
RTCMPPD_		53	CHAR(1)
RTBSNSZ	What percent of the rental payment is counted as a business expense?  CAPI Section 2 (S02A/B 5b/4b)	62	NUM(4,2)
RTBSNSZ_		66	CHAR(1)
JRTPAYQV	Quarterly value of rent received as pay  BLS derived	77	NUM(8)
JRTP_YQV		85	CHAR(1)
QRT3MCMX	Total rental payments made in reference period, adjusted for business and rooms rented to others. Includes extra charges for garage and parking facilities.  BLS derived	86	NUM(8)

QRT3\_CMX 94 CHAR(1)

**c. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

**PART B Detailed Property Description (OPB)**

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOB	Property number CAPI Section 3 (S03B 1a)	21	CHAR(2)
PROP0NOB		23	CHAR(1)
OWNYB	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property CAPI Section 3 (S03B 1b)	24	CHAR(3)
OWNYB_		27	CHAR(1)
OBSNSZB	What percent of the expenses are deducted as business, farm or rental expenses? CAPI Section 3 (S03B 2b)	28	NUM(4,2)
OBSNSZB_		32	CHAR(1)
PROPTYPE	Is this property a condominium, cooperative, or something else? (Asked if not apparent.) CODED 1 A condominium 2 A cooperative 3 Something else CAPI Section 3 (S03B 10)	33	CHAR(1)
PROP_YPE		34	CHAR(1)
ACQUIRMO	In what month did you close or settle on this property? If land contract – In what month did the land contract begin? CAPI Section 3 (S03B 3a)	35	CHAR(2)
ACQU_RMO		37	CHAR(1)

ACQUIRYR	In what year did you close or settle on this property? (See ACQUIRMO)  CAPI Section 3 (S03B 3a)	38	CHAR(4)
ACQU_RYR		42	CHAR(1)
ACQMETH	How did you (your CU) acquire this property? CODED 1 A purchase, a contract with a builder, or a trade-in 2 A gift or inheritance 3 Other  CAPI Section 3 (S03B 4)	43	CHAR(1)
ACQMETH_		44	CHAR(1)
OWN_PURX	Not including closing costs, what was the total price paid for the property?  CAPI Section 3 (S03B 5)	45	NUM(8)
OWN__URX		53	CHAR(1)
OWNDPMTX	What was the amount of the down payment?  CAPI Section 3 (S03B 6)	54	NUM(8)
OWND_MTX		62	CHAR(1)
CLOSECST	About how much were the closing costs? (Includes property survey charges, title search, recording fees, transfer taxes, escrow payment, points paid by buyer, deed preparation, lawyer's fees, advertising cost, etc.)  CAPI Section 3 (S03B 7)	63	NUM(8)
CLOS_CST		71	CHAR(1)
PROPVALX	About how much do you think this property would sell for on today's market?  CAPI Section 3 (S03B 8)	72	NUM(8)
PROP_ALX		80	CHAR(1)
VSHARED	Do you (Does your CU) share ownership of this property with anyone else outside of your CU? (OWNYB = 300 only) CODED 1 Yes 2 No  CAPI Section 3 (S03B 12)	81	CHAR(1)
VSHARED_		82	CHAR(1)

VTIMESH	Do you (Does your CU) share ownership for the entire year or is this a time-sharing arrangement where you have (your CU has) ownership of the property only for a specified time period each year? (OWNYB = 300 only) CODED 1 Share ownership for entire year 2 Time-sharing arrangement  CAPI Section 3 (S03B 13)	83	CHAR(1)
VTIM_SHR		84	CHAR(1)
QADPTAX	Amount of annual property taxes, adjusted for business, farm, and rental expenses  Census derived	85	NUM(10)
QADPTAX_		95	CHAR(1)

**d. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

PART D Disposed of Property (OPD)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOD	Property number  CAPI Section 3 (S03D 1a)	21	CHAR(2)
PROP0NOD		23	CHAR(1)
OWNYD	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property  CAPI Section 3 (S03D 1b)	24	CHAR(3)
OWNYD_		27	CHAR(1)
DISPMTHD	Did you (your CU) sell this property, give it to someone else (outside your CU), or do something else with it? CODED 1 Sold the property 2 Gave it to someone else 3 Something else	28	CHAR(1)

	CAPI Section 3 (S03D 2)		
DISP_THD		29	CHAR(1)
DISPX	What was the selling price (trade-in value)?	30	NUM(8)
	CAPI Section 3 (S03D 4)		
DISPX_		38	CHAR(1)
DISPEXPX	What were the total expenses in selling (trading) this property? (Include commission to realtor, closing costs, points for financing, mortgage penalties, property inspection, lawyer's fees, advertising costs, deferred mortgage interest payment, etc.)	39	NUM(8)
	CAPI Section 3 (S03D 5)		
DISP_XPX		47	CHAR(1)
DISPMO	In what month did you (your CU) dispose of this property?	57	CHAR(2)
	CAPI Section 3 (S03D 3)		
DISPMO_		59	CHAR(1)
DISPYR	In what year did you (your CU) dispose of this property?	60	CHAR(4)
	CAPI Section 3 (S03D 3)		
DISPYR_		64	CHAR(1)

**e. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

PART F Mortgages (MOR)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
PROP_NOF	Property number	21	CHAR(2)
	CAPI Section 3 (S03F 1a)		
PROP0NOF		23	CHAR(1)
OWNYF	Property code CODED	24	CHAR(3)
	100 The home in which you (your CU) currently live(s)		
	200 A home in which you (your CU) used to live		
	300 A second home, vacation home or recreational property		
	400 Unimproved land with no buildings on it		

	500 Other property		
	CAPI Section 3 (S03F 1b)		
OWNYF_		27	CHAR(1)
OLDMRRT	What was the rate of interest at the time the mortgage was obtained?	28	NUM(5,4)
	CAPI Section 3 (S03F 4)		
OLDMRRT_		33	CHAR(1)
NEWMRRT	What is the current interest rate on your (your CU's) mortgage?	34	NUM(5,4)
	CAPI Section 3 (S03F 5)		
NEWMRRT_		39	CHAR(1)
ORGMRTX	What was the amount of the mortgage when you (your CU) obtained it, excluding any interest?	40	NUM(8)
	CAPI Section 3 (S03F 8)		
ORGMRTX_		48	CHAR(1)
QMRTERM	Length of mortgage in years	49	NUM(3)
	BLS derived		
QMRT_ERM		52	CHAR(1)
M RTPMTX	On your (your CU's) last regular payment, what was the total amount you paid for those things? (See PAYPROTX for items that were included in payment. BLS mortgage edit converts all payments to monthly basis.)	53	NUM(8)
	CAPI Section 3 (S03F 11)		
M RTPMTX_		61	CHAR(1)
M RTPMPD	How often are (were) mortgage payments due? (See NOTE under M RTPMTX.)	62	CHAR(1)
	CODED 3 Monthly		
	CAPI Section 3 (S03F 9)		
M RTPMPD_		63	CHAR(1)
PAYPROTX	On your (your CU's) last regular payment, which of these things were included?	64	CHAR(1)
	CODED 2 Property taxes		
	CAPI Section 3 (S03F 10)		

PAYP_OTX		65	CHAR(1)
PAYPROIN	See PAYPROTX for question and source. CODED 3 Property insurance	66	CHAR(1)
PAYP_OIN		67	CHAR(1)
PAYLIFIN	See PAYPROTX for question and source. CODED 4 Life insurance	68	CHAR(1)
PAYL_FIN		69	CHAR(1)
PAYMORIN	See PAYPROTX for question and source. CODED 5 Mortgage insurance	70	CHAR(1)
PAYM_RIN		71	CHAR(1)
PAYOTHER	See PAYPROTX for question and source. CODED 6 Any other payments	72	CHAR(1)
PAYO_HER		73	CHAR(1)
QESCROWX	Amount of last regular mortgage payment that went to escrow  BLS derived	74	NUM(8)
QESC_OWX		82	CHAR(1)
QPRINM1X	Amount of principal paid during first month of reference period  BLS derived	83	NUM(8)
QPRI_M1X		91	CHAR(1)
QPRINM2X	Amount of principal paid during second month of reference period  BLS derived	92	NUM(8)
QPRI_M2X		100	CHAR(1)
QPRINM3X	Amount of principal paid during third month of reference period  BLS derived	101	NUM(8)
QPRI_M3X		109	CHAR(1)
QADINT1X	Amount of interest paid during first month of reference period, adjusted for business  BLS derived	110	NUM(8)

QADI_T1X		118	CHAR(1)
QADINT2X	Amount of interest paid during second month of reference period, adjusted for business  BLS derived	119	NUM(8)
QADI_T2X		127	CHAR(1)
QADINT3X	Amount of interest paid during third month of reference period, adjusted for business  BLS derived	128	NUM(8)
QADI_T3X		136	CHAR(1)
QRFINDAT	Month and year mortgage payment changed  Census derived	137	CHAR(6)
QRFI_DAT		143	CHAR(1)
FRSTPYMO	In what month did you (your CU) make your (your CU's) first payment on this mortgage?  CAPI Section 3 (S03F 2)	144	CHAR(2)
FRST_YMO		146	CHAR(1)
FRSTPYR	In what year did you (your CU) make your (your CU's) first payment on this mortgage?  CAPI Section 3 (S03F 2)	147	CHAR(4)
FRST_YR		151	CHAR(1)
FIXEDRTE	Is this a fixed rate mortgage? CODED 1 Yes 2 No  S03F 6a	152	CHAR(1)
FIXE_RTE		153	CHAR(1)
PAYTYPE	Which one of these mortgages comes closest to yours (your CU's)? (NOTE: Most fixed rate mortgages will be a valid blank.)  CODED 1 Fixed rate of interest 2 Variable or adjustable rate of interest 3 Graduated payment 4 Rollover or renegotiable 5 Deferred interest	154	CHAR(1)

6 Other

CAPI Section 3 (S03F 6b)

PAYTYPE_		155	CHAR(1)
REFINED	Have you (Has your CU) refinanced or renegotiated this mortgage?	156	CHAR(1)
	CODED		
	1 Yes		
	2 No		

CAPI Section 3 (S03F 7)

REFINED_		157	CHAR(1)
QNEWDATE	Month and year mortgage payment changed	158	CHAR(6)
	Census derived		
QNEW_ATE		164	CHAR(1)
QBLNCM1X	Principal balance outstanding at beginning of month, three months ago	165	NUM(8)
	BLS derived		
QBLN_M1X		173	CHAR(1)
QBLNCM2X	Principal balance outstanding at beginning of month, two months ago	174	NUM(8)
	BLS derived		
QBLN_M2X		182	CHAR(1)
QBLNCM3X	Principal balance outstanding at beginning of month, one month ago	183	NUM(8)
	BLS derived		
QBLN_M3X		191	CHAR(1)
LOAN_NOF	Loan number	192	CHAR(2)
	CAPI Section 3 (S03F 1d)		
LOAN0NOF		194	CHAR(1)

**f. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

**PART G Lump Sum Home Equity Loans (HEL)**

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
PROP_NOG	Property number CAPI Section 3 (S03G 1)	21	CHAR(2)
PROP0NOG		23	CHAR(1)
OWNYG	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property CAPI Section 3 (S03G 1)	24	CHAR(3)
OWNYG_		27	CHAR(1)
OLDMRTG	What was the rate of interest at the time the home equity loan was obtained? CAPI Section 3 (S03G 4)	28	NUM(5,4)
OLDMRTG_		33	CHAR(1)
NEWMRTG	What is the current interest rate on your (your CU's) home equity loan? CAPI Section 3 (S03G 5)	34	NUM(5,4)
NEWMRTG_		39	CHAR(1)
ORMRTG	What was the amount of the lump sum home equity loan when you (your CU) obtained it, excluding any interest? CAPI Section 3 (S03G 8)	40	NUM(8)
ORMRTG_		48	CHAR(1)
QMRTRMG	Length of home equity loan in years BLS derived	49	NUM(3)
QMRT_RMG		52	CHAR(1)

M RTPMTG	On your (your CU's) last regular payment, what was the total amount you (your CU) paid those things? (See PAYPRTXG for items that were included in payment. BLS home equity loan edit converts all payments to monthly basis.)  CAPI Section 3 (S03G 11)	53	NUM(8)
M RTPMTG_		61	CHAR(1)
M RTPMPG	How often are loan payments due? (See NOTE under MRTPTMG) CODED 3 Monthly  CAPI Section 3 (S03G 9)	62	CHAR(1)
M RTPMPG_		63	CHAR(1)
PAYPRTXG	On your (your CU's) last regular payment, which of these things were included? CODED 2 Property taxes  CAPI Section 3 (S03G 10)	64	CHAR(1)
PAYP_TXG		65	CHAR(1)
PAYPRING	See PAYPRTXG for question and source. CODED 3 Property insurance	66	CHAR(1)
PAYP_ING		67	CHAR(1)
PAYLFING	See PAYPRTXG for question and source. CODED 4 Life insurance	68	CHAR(1)
PAYL_ING		69	CHAR(1)
PAYMRING	See PAYPRTXG for question and source. CODED 5 Mortgage guarantee insurance	70	CHAR(1)
PAYM_ING		71	CHAR(1)
PAYOTHRG	See PAYPRTXG for question and source. CODED 6 Any other payments	72	CHAR(1)
PAYO_HRG		73	CHAR(1)
QESCROWG	Amount of last regular home equity loan payment that went to escrow  BLS derived	74	NUM(8)

QESC_OWG		82	CHAR(1)
QPRINM1G	Amount of principal paid during first month of reference period BLS derived	83	NUM(8)
QPRI_M1G		91	CHAR(1)
QPRINM2G	Amount of principal paid during second month of reference period BLS derived	92	NUM(8)
QPRI_M2G		100	CHAR(1)
QPRINM3G	Amount of principal paid during third month of reference period BLS derived	101	NUM(8)
QPRI_M3G		109	CHAR(1)
QADINT1G	Amount of interest paid during first month of reference period, adjusted for business BLS derived	110	NUM(8)
QADI_T1G		118	CHAR(1)
QADINT2G	Amount of interest paid during second month of reference period, adjusted for business BLS derived	119	NUM(8)
QADI_T2G		127	CHAR(1)
QADINT3G	Amount of interest paid during third month of reference period, adjusted for business BLS derived	128	NUM(8)
QADI_T3G		136	CHAR(1)
QRFINDTG	Month and year loan payment changed ("Old" loan record) BLS derived	137	CHAR(6)
QRFI_DTG		143	CHAR(1)
FRSTPYMG	In what month did you (your CU) make your (your CU's) first payment on this loan? CAPI Section 3 (S03G 2)	144	CHAR(2)
FRST_YMG		146	CHAR(1)

FRSTPYRG	In what year did you (your CU) make your (your CU's) first payment on this loan?  S03G 2	147	CHAR(4)
FRST_YRG		151	CHAR(1)
FIXDRTEG	Is this a fixed rate home equity loan? CODED 1 Yes 2 No  CAPI Section 3 (S03G 6a)	152	CHAR(1)
FIXD_TEG		153	CHAR(1)
PAYTPG	Which one of these lump sum home equity loans comes closest to yours (your CU's)? (NOTE: Most fixed rate loans will be a valid blank.)  CODED 1 Fixed rate of interest 2 Variable or adjustable rate of interest 3 Graduated payment 4 Rollover or renegotiable 5 Deferred interest 6 Other  CAPI Section 3 (S03G 6b)	154	CHAR(1)
PAYTPG_		155	CHAR(1)
REFINDG	Have you (Has your CU) refinanced or renegotiated this lump sum home equity loan? CODED 1 Yes 2 No  CAPI Section 3 (S03G 7)	156	CHAR(1)
REFINDG_		157	CHAR(1)
QNEWDATG	Month and year loan payment changed ("New" loan record)  Census derived	158	CHAR(6)
QNEW_ATG		164	CHAR(1)
QBLNCM1G	Principal balance outstanding at beginning of month, three months ago  BLS derived	165	NUM(8)
QBLN_M1G		173	CHAR(1)

QBLNCM2G	Principal balance outstanding at beginning of month, two months ago BLS derived	174	NUM(8)
QBLN_M2G		182	CHAR(1)
QBLNCM3G	Principal balance outstanding at beginning of month, one month ago BLS derived	183	NUM(8)
QBLN_M3G		191	CHAR(1)
LOAN_NOG	Loan number CAPI Section 3 (S03G 1d)	192	CHAR(2)
LOAN0NOG		194	CHAR(1)

**g. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

PART H Line of Credit Home Equity Loans (OPH)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
PROP_NOH	Property number CAPI Section 3 (S03H 1a)	21	CHAR(2)
PROP0NOH		23	CHAR(1)
OWNYH	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property CAPI Section 3 (S03H 1b)	24	CHAR(3)
OWNYH_		27	CHAR(1)
PAIDLOAN	Since the 1st of ( <i>last month</i> ), have you made any payments for this line of credit home equity loan? CODED 1 Yes 2 No	28	CHAR(1)

	CAPI Section 3 (S03H 2)		
PAID_OAN		29	CHAR(1)
PRINAMTX	Prior to the last payment, what was the total amount owed?	30	NUM(8)
	CAPI Section 3 (S03H 4)		
PRIN_MTX		38	CHAR(1)
PRIMPLUS	Interest rate used in calculation of JINTPDX (Equal to prime rate plus 1.5 percentage points)	39	NUM(6,4)
	BLS derived		
PRIM_LUS		45	CHAR(1)
JINTPDX	Estimated amount of interest paid on loan during reference period	46	NUM(8)
	BLS derived		
JINTPDX_		54	CHAR(1)
JLCPRIX	Estimated amount of principal paid on loan during reference period	55	NUM(8)
	*L		
	BLS derived		
JLCP_INX		63	CHAR(1)
LOAN_NOH	Loan number	64	CHAR(2)
	CAPI Section 3 (S03H 1d)		
LOAN0NOH		66	CHAR(1)

#### **h. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

##### PART I Ownership Costs (OPI)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
PROP_NOI	Property number	21	CHAR(2)
	CAPI Section 3 (S03I 1a)		
PROP0NOI		23	CHAR(1)

OWNYI	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property  CAPI Section 3 (S03I 1b)	24	CHAR(3)
OWNYI_		27	CHAR(1)
QRENTDDZ	Percentage of owned property expenses after deducting business expenses (1.00 - OBSNSZB)  Census derived	28	NUM(4,2)
QREN_DDZ		32	CHAR(1)
QADPENTX	Amount of penalty charges on special or lump sum mortgage payment, adjusted for business  Census derived	33	NUM(8)
QADP_NTX		41	CHAR(1)
QLR3MCMX	Amount paid for ground or land rent, adjusted for business  Census derived	42	NUM(8)
QLR3_CMX		50	CHAR(1)
JFEETOTX	Amount of regular condo fee for management services, adjusted for business  BLS derived	51	NUM(8)
JFEE_OTX		59	CHAR(1)
QSPCLX	Total amount of special payments for management services, adjusted for business  Census derived	60	NUM(8)
QSPCLX_		68	CHAR(1)
TYPEPROP	Property type CODED 1 Condominium 2 Co-op 3 Neither condo nor co-op  CAPI Section 3 (S03I 5)	69	CHAR(1)
TYPE_ROP		70	CHAR(1)

PAYHOASS	Do you (Does your CU) make regular payments to a homeowner association? (TYPEPROP = 3 only) CODED 1 Yes 2 No  CAPI Section 3 (S03I 6)	71	CHAR(1)
PAYH_ASS		72	CHAR(1)
PAYCONDO	Are you (Is your CU) required to make regular payments of condominium fees for general maintenance or management services? (TYPEPROP = 1 only) CODED 1 Yes 2 No  CAPI Section 3 (S03I 7)	73	CHAR(1)
PAYC_NDO		74	CHAR(1)
COOPRG01	Since the 1st of ( <i>month, 3 months ago</i> ), for which of these things have you (has your CU) made payments directly to the cooperative for your (your CU's) share of its costs? (TYPEPROP = 2 only) CODED 01 Repayment of loans owed by cooperative  CAPI Section 3 (S03I 8)	75	CHAR(2)
COOP_G01		77	CHAR(1)
COOPRG02	See COOPRG01 for question and source. CODED 02 Property taxes	78	CHAR(2)
COOP_G02		80	CHAR(1)
COOPRG03	See COOPRG01 for question and source. CODED 03 Property insurance	81	CHAR(2)
COOP_G03		83	CHAR(1)
COOPRG04	See COOPRG01 for question and source. CODED 04 Management	84	CHAR(2)
COOP_G04		86	CHAR(1)
COOPRG05	See COOPRG01 for question and source. CODED 05 Repairs and maintenance, including lawn care and snow removal	87	CHAR(2)
COOP_G05		89	CHAR(1)

COOPRG06	See COOPRG01 for question and source. CODED 06 Improvements	90	CHAR(2)
COOP_G06		92	CHAR(1)
COOPRG07	See COOPRG01 for question and source. CODED 07 Recreational, including swimming, golf, and tennis facilities	93	CHAR(2)
COOP_G07		95	CHAR(1)
COOPRG08	See COOPRG01 for question and source. CODED 08 Security, including guards and alarm systems	96	CHAR(2)
COOP_G08		98	CHAR(1)
COOPRG09	See COOPRG01 for question and source. CODED 09 Utilities: such as gas, electricity, water, heat	99	CHAR(2)
COOP_G09		101	CHAR(1)
COOPRG10	See COOPRG01 for question and source. CODED 10 Trash collection	102	CHAR(2)
COOP_G10		104	CHAR(1)
COOPRG11	See COOPRG01 for question and source. CODED 11 Other	105	CHAR(2)
COOP_G11		107	CHAR(1)
HOCORG21	Which of these services and privileges are included in condominium fees or regular payments to a homeowner's association? (TYPEPROP = 1 or 3 only) CODED 21 Management  CAPI Section 3 (S03I 9)	108	CHAR(2)
HOCO_G21		110	CHAR(1)
HOCORG22	See HOCORG21 for question and source. CODED 22 Repairs and maintenance, including lawn care and snow removal	111	CHAR(2)
HOCO_G22		113	CHAR(1)
HOCORG23	See HOCORG21 for question and source.	114	CHAR(2)

	CODED 23 Improvements		
HOCO_G23		116	CHAR(1)
HOCORG24	See HOCORG21 for question and source. CODED 24 Utilities: such as gas, electricity, water, heat	117	CHAR(2)
HOCO_G24		119	CHAR(1)
HOCORG25	See HOCORG21 for question and source. CODED 25 Parking	120	CHAR(2)
HOCO_G25		122	CHAR(1)
HOCORG26	See HOCORG21 for question and source. CODED 26 Recreational, including swimming, golf, and tennis facilities	123	CHAR(2)
HOCO_G26		125	CHAR(1)
HOCORG27	See HOCORG21 for question and source. CODED 27 Security, including guards and alarm systems	126	CHAR(2)
HOCO_G27		128	CHAR(1)
HOCORG28	See HOCORG21 for question and source. CODED 28 Maid service	129	CHAR(2)
HOCO_G28		131	CHAR(1)
HOCORG29	See HOCORG21 for question and source. CODED 29 Medical services	132	CHAR(2)
HOCO_G29		134	CHAR(1)
HOCORG30	See HOCORG21 for question and source. CODED 30 Trash collection	135	CHAR(2)
HOCO_G30		137	CHAR(1)
HOCORG31	See HOCORG21 for question and source. CODED 31 Other	138	CHAR(2)
HOCO_G31		140	CHAR(1)
REGFEECR	Type of service or privilege: The first two digits represent the type of service (COOPRGnn or HOCORGnn); the last three	141	CHAR(5)

digits are used for the allocation of utilities data (COOPRG09 or HOCORG24), and the allocation of repairs/maintenance data (COOPRG05,HOCORG22). The 3-digit utility codes can be found in Section 4, Part C under the variable UTILY. The 3-digit repairs/maintenance codes can be found in Section 5, Part B under the variable CRMCODEB. If the type of service is other than utilities or repairs/maintenance, then the last three digits are "000".

BLS derived

REGF_ECR		146	CHAR(1)
INC_MORT	Are any of these costs included in your (your CU's) mortgage payment? CODED 1 Yes 2 No	147	CHAR(1)
CAPI Section 3 (S03I 10a)			
INC__ORT		148	CHAR(1)
COOPSP01	What services were provided for any SPECIAL payments to a management service? (TYPEPROP = 2 only) CODED 01 Repayment of loans owed by cooperative 02 Property taxes 03 Property insurance 04 Management 05 Repairs and maintenance, including lawn care and snow removal 06 Improvements 07 Recreational, including swimming, golf, and tennis facilities 08 Security, including guards and alarm systems 09 Utilities: such as gas, electricity, water, heat 10 Trash collection 11 Other	149	CHAR(2)
CAPI Section 3 (S03I 11b)			
COOP_P01		151	CHAR(1)
COOPSP02	See COOPSP01 for question, codes, and source.	152	CHAR(2)
COOP_P02		154	CHAR(1)
COOPSP03	See COOPSP01 for question, codes, and source.	155	CHAR(2)
COOP_P03		157	CHAR(1)
COOPSP04	See COOPSP01 for question, codes, and source.	158	CHAR(2)
COOP_P04		160	CHAR(1)

COOPSP05	See COOPSP01 for question, codes, and source.	161	CHAR(2)
COOP_P05		163	CHAR(1)
COOPSP06	See COOPSP01 for question, codes, and source.	164	CHAR(2)
COOP_P06		166	CHAR(1)
COOPSP07	See COOPSP01 for question, codes, and source.	167	CHAR(2)
COOP_P07		169	CHAR(1)
COOPSP08	See COOPSP01 for question, codes, and source.	170	CHAR(2)
COOP_P08		172	CHAR(1)
COOPSP09	See COOPSP01 for question, codes, and source.	173	CHAR(2)
COOP_P09		175	CHAR(1)
COOPSP10	See COOPSP01 for question, codes, and source.	176	CHAR(2)
COOP_P10		178	CHAR(1)
COOPSP11	See COOPSP01 for question, codes, and source.	179	CHAR(2)
COOP_P11		181	CHAR(1)
HOCOSP01	What services were provided for any SPECIAL payments to a management service? (TYPEPROP = 1 or 3 only) CODED 21 Management 22 Repairs and maintenance, including lawn care and snow removal 23 Improvements 24 Utilities: such as gas, electricity, water, heat 25 Parking 26 Recreational, including swimming, golf, and tennis facilities 27 Security, including guards and alarm systems 28 Maid service 29 Medical services 30 Trash collection 31 Other  CAPI Section 3 (S03I 11b)	182	CHAR(2)
HOCO_P01		184	CHAR(1)
HOCOSP02	See HOCOSP01 for question, codes, and source.	185	CHAR(2)
HOCO_P02		187	CHAR(1)
HOCOSP03	See HOCOSP01 for question, codes, and source.	188	CHAR(2)
HOCO_P03		190	CHAR(1)

HOCOSP04	See HOCOSP01 for question, codes, and source.	191	CHAR(2)
HOCO_P04		193	CHAR(1)
HOCOSP05	See HOCOSP01 for question, codes, and source.	194	CHAR(2)
HOCO_P05		196	CHAR(1)
HOCOSP06	See HOCOSP01 for question, codes, and source.	197	CHAR(2)
HOCO_P06		199	CHAR(1)
HOCOSP07	See HOCOSP01 for question, codes, and source.	200	CHAR(2)
HOCO_P07		202	CHAR(1)
HOCOSP08	See HOCOSP01 for question, codes, and source.	203	CHAR(2)
HOCO_P08		205	CHAR(1)
HOCOSP09	See HOCOSP01 for question, codes, and source.	206	CHAR(2)
HOCO_P09		208	CHAR(1)
HOCOSP10	See HOCOSP01 for question, codes, and source.	209	CHAR(2)
HOCO_P10		211	CHAR(1)
HOCOSP11	See HOCOSP01 for question, codes, and source.	212	CHAR(2)
HOCO_P11		214	CHAR(1)
SPFEECR	Type of special service or privilege: Derived in same manner as REGFEECR. Type of service based on COOPSPnn and HOCOSPnn.  BLS derived	215	CHAR(5)
SPFEECR_		220	CHAR(1)
QLMPSUMX	Amount paid for mortgage in special or lump sum payments during reference period, adjusted for business  Census derived	221	NUM(8)
QLMP_UMX		229	CHAR(1)
QPENALTX	Amount of penalty charges for special or lump sum payments, adjusted for business  Census derived	230	NUM(8)
QPEN_LTX		238	CHAR(1)
QOTHERFX	Amount of regular HOA/condo fees NOT included in mortgage, adjusted for business	239	NUM(8)

	Census derived		
QOTH_RFX		247	CHAR(1)
QSPASSX	Amount paid for special assessments for local projects, such as the construction or repair of roads and sidewalks, adjusted for business	248	NUM(8)
	Census derived		
QSPASSX_		256	CHAR(1)
RNTEQVX	If someone were to rent your home today, how much do you think it would rent for monthly, unfurnished and without utilities?	257	NUM(6)
	CAPI Section 3 (S03I 13)		
RNTEQVX_		263	CHAR(1)

i. **SECTION 4 UTILITIES AND FUELS FOR OWNED AND RENTED PROPERTIES**

PART A Telephone Expenses (UTA)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
TELMO	In what month was the bill received? CAPI Section 4 (S 04A 4b)	24	CHAR(2)
TELMO_		26	CHAR(1)
TELBSNZ	What percentage of the total charge will be deducted as a business expense? CAPI Section 4 (S04A 7b)	27	NUM(4,2)
TELBSNZ_		31	CHAR(1)
QADBILLX	Total amount of telephone bill, adjusted for business Census derived	38	NUM(6)
QADB_LLX		44	CHAR(1)
TELRESD	Telephone service items included in bill CODED 1 Residential services CAPI Section 4 (S 04A 5)	45	CHAR(1)

TELRESD_		46	CHAR(1)
TELCELL	See TELRESD for question CODED 2 Mobile/cellular service CAPI Section 4 (S 04A 5)	47	CHAR(1)
TELCELL_		48	CHAR(1)
TELPAGER	See TELRESD for question CODED 3 Pager/beeper service CAPI Section 4 (S 04A 5)	49	CHAR(1)
TELP_GER		50	CHAR(1)
TELLOCAL	See TELRESD for question CODED 1 Yes, basic (local) service charge included 2 No, basic (local) service charge not included  CAPI Section 4 (S 04A 6a.1)	51	CHAR(1)
TELL_CAL		52	CHAR(1)
TELLONGD	See TELRESD for question CODED 1 Yes, domestic long distance charge included 2 No, domestic long distance charge not included  CAPI Section 4 (S 04A 6a.2)	53	CHAR(1)
TELL_NGD		54	CHAR(1)
TELINTL	See TELRESD for question CODED 1 Yes, international long distance charges included 2 No, international long distance charges not included  CAPI Section 4 (S 04A 6a.3)	55	CHAR(1)
TELINTL_		56	CHAR(1)
TELSERV	See TELRESD for question CODED 1 Yes, telephone related services included 2 No, telephone related services not included  CAPI Section 4 (S 04A 6a.4)	57	CHAR(1)
TELSERV_		58	CHAR(1)
TELINSL	See TELRESD for question CODED 1 Yes, installation or repair of telephone lines included 2 No, installation or repair of telephone lines not included	59	CHAR(1)

	CAPI Section 4 (S 04A 6a.5)		
TELINSL_		60	CHAR(1)
TELPURCH	See TELRESD for question CODED 1 Yes, telephone or pager purchases or rentals included 2 No, telephone or pager purchases or rental not included	61	CHAR(1)
	CAPI Section 4 (S 04A 6a.6)		
TELP_RCH		62	CHAR(1)
TINTNET	See TELRESD for question CODED 1 Yes, internet access or data services included 2 No, internet access or data services not included	63	CHAR(1)
	CAPI Section 4 (S 04A 6a.7)		
TINTNET_		64	CHAR(1)
TCABLE	See TELRESD for question CODED 1 Yes, cable or satellite television services included 2 No, cable or satellite television services not included	65	CHAR(1)
	CAPI Section 4 (S 04A 6a.8)		
TCABLE_		66	CHAR(1)
DSLISDN	See TELRESD for question CODED 1 Yes, DSL or ISDN charges included 2 No, DSL or ISDN charges not included	67	CHAR(1)
	CAPI Section 4 (S 04A 6a.9)		
DSLISDN_		68	CHAR(1)
NTRTPUR	See TELRESD for question CODED 1 Yes, non-telephone related rentals or purchases included 2 No, non-telephone related rentals or purchases not included	69	CHAR(1)
	CAPI Section 4 (S 04A 6a.10)		
NTRTPUR_		70	CHAR(1)
QADINETX	Total expense for internet access or data services, adjusted for business BLS derived	71	NUM(6)
QADI_ETX		77	CHAR(1)

QADCABLX	Total expense for cable or satellite television service, adjusted for business BLS derived	78	NUM(6)
QADC_BLX		84	CHAR(1)
QADDSLIX	Total expense for DSL or ISDN, adjusted for business BLS derived	85	NUM(6)
QADD_LIX		91	CHAR(1)
QADNTRPX	Total expense for non-telephone related rentals and purchases, adjusted for business BLS derived	92	NUM(6)
QADN_RPX		98	CHAR(1)
QADNTCHX	Total expense for non-telephone related services, adjusted for business BLS derived	99	NUM(6)
QADN_CHX		105	CHAR(1)
TELRESDX	Total expense for residential service, adjusted for business BLS derived	106	NUM(6)
TELR_SDX		112	CHAR(1)
TELCELLX	Total expense for mobile/cellular service, adjusted for business BLS derived	113	NUM(6)
TELC_LLX		119	CHAR(1)
TELPAGRX	Total expense for pager/beeper service, adjusted for business BLS derived	120	NUM(6)
TELP_GRX		126	CHAR(1)

**j. SECTION 4 UTILITIES AND FUELS FOR OWNED AND RENTED PROPERTIES**

PART B Additional Telephone Expenses (UTP)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
QFCD3MCX	Reference period total for pre-paid phone cards minus the current month BLS derived	21	NUM(6)
QFCD_MCX		27	CHAR(1)

QPYP3MCX	Reference period total for public pay phone services minus the current month BLS derived	28	NUM(6)
QPYP_MCX		34	CHAR(1)

**k. SECTION 4 UTILITIES AND FUELS FOR OWNED AND RENTED PROPERTIES**

PART C Screening Questions (UTB)

*While the questionnaire identifies this part as screening questions, it actually collects expenditure data on utilities for rented vacation properties.*

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
VACUTLY	Which utility or fuel for a rented vacation property was the charge for? CODED 100 Electricity 110 Natural or utility gas 120 Combined gas and electricity (100-110) 130 Fuel oil 140 Kerosene 150 Bottled or tank gas 160 Wood 170 Coal 180 Other fuels 190 Combined expenses (130-180) 200 Piped-in water 210 Trash/garbage collection 220 Sewerage maintenance 230 Combined trash/garbage/water/sewerage (200 - 220) 240 Combined trash/garbage/water (200, 210) 250 Combined trash/garbage/sewerage (210, 220) 260 Combined water/sewerage (200, 220) 270 Water softening service 280 Septic tank cleaning 290 Cable TV, satellite services or community antenna 300 Internet connection and other computer related data services not already reported 310 Combined electric/water/sewerage CODED *315 Combined electric, gas, water, sewerage (codes 100, 200, 210) <b>[N(Y032)]</b> *325 Combined electricity, gas, piped-in water, trash/garbage collection and sewerage (codes 100, 110, 200, 210, 220) <b>N(Y032)]</b> *335 Combined cable TV/satellite/community antenna and internet connection/computer data services (codes	21	CHAR(3)

290, 300) **[N(Y032)]**  
 \*900 Combined Expense (any item in section/part)  
**[N(Y032)]**

CAPI Section 4 (S 04C 2b)

VACUTLY_		24	CHAR(1)
VACUTMO	In what month was the bill received?	25	CHAR(2)
	CAPI Section 4 (S 04C 2c)		
VACUTMO_		27	CHAR(1)
VACUTLX	What was the total amount of the charges?	28	NUM(6)
	CAPI Section 4 (S 04C 2d)		
VACUTLX_		34	CHAR(1)
*VACUTL1	If VACUTLY = 900, then VACUTL1 will contain the first code mentioned of the multiple items indicated in VACUTLY	35	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*VACUTL1_	<b>N(Y032)</b>	38	CHAR(1)
*VACUTL2	Same as VACUTL1, but contains the second item mentioned	39	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*VACUTL2_	<b>N(Y032)</b>	42	CHAR(1)
*VACUTL3	Same as VACUTL1, but contains the third item mentioned	43	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*VACUTL3_	<b>N(Y032)</b>	46	CHAR(1)
*VACUTL4	Same as VACUTL1, but contains the fourth item mentioned	47	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*VACUTL4_	<b>N(Y032)</b>	50	CHAR(1)
*VACUTL5	Same as VACUTL1, but contains the fifth item mentioned	51	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		

*VACUTL5_	<b>N(Y032)</b>	54	CHAR(1)
*VACUTL6	Same as VACUTL1, but contains the sixth item mentioned CAPI Section 4 <b>N(Y032)</b>	55	CHAR(3)
*VACUTL6_	<b>N(Y032)</b>	58	CHAR(1)
*VACUTL7	Same as VACUTL1, but contains the seventh item mentioned CAPI Section 4 <b>N(Y032)</b>	59	CHAR(3)
*VACUTL7_	<b>N(Y032)</b>	62	CHAR(1)
*VACUTL8	Same as VACUTL1, but contains the eighth item mentioned CAPI Section 4 <b>N(Y032)</b>	63	CHAR(3)
*VACUTL8_	<b>N(Y032)</b>	66	CHAR(1)
*VACUTL9	Same as VACUTL1, but contains the ninth item mentioned CAPI Section 4 <b>N(Y032)</b>	67	CHAR(3)
*VACUTL9_	<b>N(Y032)</b>	70	CHAR(1)

#### **I. SECTION 4 UTILITIES AND FUELS FOR OWNED AND RENTED PROPERTIES**

##### **PART D Detailed Questions (UTC)**

*While the questionnaire identifies this part as detailed questions, it actually collects expenditure data on utilities for all properties other than rented vacation properties.*

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*UTILY	Utility code CODED 100 Electricity 110 Natural gas 120 Combined gas and electricity (100, 110)	21	CHAR(3)

- 130 Fuel oil
- 140 Kerosene
- 150 Bottled or tank gas
- 160 Wood
- 170 Coal
- 180 Other fuels
- 190 Combined expenses (130-180)
- 200 Piped-in water
- 210 Trash/garbage collection
- 220 Sewer maintenance
- 230 Combined trash/garbage/water/sewerage (200-220)
- 240 Combined trash/garbage/water (200, 210)
- 250 Combined trash/garbage/sewerage (210, 220)
- 260 Combined water/sewerage (200, 220)
- 270 Water softening service
- 280 Septic tank cleaning
- 290 Cable TV, satellite services, or community antenna
- 300 Internet connection and other computer related data services not already reported
- 310 Combined electric/water/sewerage

CODED

- \*315 Combined electric, gas, water, sewerage (codes 100, 200, 210) **[N(Y032)]**
- \*325 Combined electricity, gas, piped-in water, trash/garbage collection and sewerage (codes 100, 110, 200, 210, 220) **[N(Y032)]**
- \*335 Combined cable TV/satellite/community antenna and internet connection/computer data services (codes 290, 300) **[N(Y032)]**
- \*900 Combined Expense (any item in section/part) **[N(Y032)]**

CAPI Section 4 (S 04D 1a)

UTILY_		24	CHAR(1)
WHATPROP	What property were the charges for?	25	CHAR(2)
	CODED		
	01-20 Property number (PROP_NOB from Section 3, Part B)		
	97 Rented sample unit		
	98 Other rented unit		
	99 Property not owned or rented by CU		

CAPI Section 4 (S 04D 2)

WHAT_ROP		27	CHAR(1)
BLPERIOD	What period of time was covered by the bill?	28	CHAR(1)
	CODED		
	1 Month		
	2 2 months		
	3 Quarter		
	4 Other		

CAPI Section 4 (S 04D 3)

BLPE_IOD		29	CHAR(1)
BILLMO	In what month was the bill received? CAPI Section 4 (S 04D 7a)	30	CHAR(2)
BILLMO_		32	CHAR(1)
UTILCON	What was the quantity consumed for this bill? CAPI Section 4 (S 04D 7d)	33	NUM(6)
UTILCON_		39	CHAR(1)
UTLUNIT	What was the unit-of-measure, such as kilowatt hours, gallons, cubic feet or therms? CODED 10 Kilowatt hours (KWH) 15 Hundreds of KWH 20 Thousands of KWH 25 Cubic feet 30 Hundreds of cubic feet 35 Thousands of cubic feet 40 Therms 45 Gallons 50 Hundreds of gallons 55 Thousands of gallons 60 BTU's 65 Hundreds of BTU's 70 Thousands of BTU's CAPI Section 4 (S 04D 7c)	40	CHAR(2)
UTLUNIT_		42	CHAR(1)
*BILUSED	Was a bill or other record used or was an estimate given? Checks or checkbooks are not considered records. CODED 1 Records used 2 Estimate  S 04D 7g <b>D(Y032)</b>	43	CHAR(1)
*BILUSED_	<b>D(Y032)</b>	44	CHAR(1)
QFUELADZ	Percent of utility/fuel charge not attributable to business expenses and rooms rented to others  Census derived	47	NUM(4,2)
QFUE_ADZ		51	CHAR(1)
QADFULX	Amount of bill, less charges for merchandise, repairs, or other services not part of the cost of the utility, adjusted for business	52	NUM(6)

	Census derived		
QADFULX_		58	CHAR(1)
UTLPTYPE	Property code CODED 1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live 2 A second home, vacation home or recreational property 3 Unimproved land with no buildings on it or other property 4 Rented sample unit or other rented unit 5 Property not owned or rented by CU BLS derived	59	CHAR(1)
UTLP_YPE		60	CHAR(1)
*HAVEBILL	Did the respondent use a bill or statement? (Answer No if only checkbook records were used) 1 Yes, bill or statement used 2 No, bill or statement not used.	61	CHAR(1)
	CAPI Section 4 <b>N(Y032)</b>		
*HAVE_ILL	<b>N(Y032)</b>	62	CHAR(1)
*UTIL1	If UTILY = 900, then UTIL1 will contain the first code mentioned of the multiple items indicated in UTILY	63	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL1_	<b>N(Y032)</b>	66	CHAR(1)
*UTIL2	Same as UTIL1, but contains the second item mentioned	67	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL2_	<b>N(Y032)</b>	70	CHAR(1)
*UTIL3	Same as UTIL1, but contains the third item mentioned	71	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL3_	<b>N(Y032)</b>	74	CHAR(1)
*UTIL4	Same as UTIL1, but contains the fourth item mentioned	75	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL4_	<b>N(Y032)</b>	78	CHAR(1)

*UTIL5	Same as UTIL1, but contains the fifth item mentioned	79	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL5_	<b>N(Y032)</b>	82	CHAR(1)
*UTIL6	Same as UTIL1, but contains the sixth item mentioned	83	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL6_	<b>N(Y032)</b>	86	CHAR(1)
*UTIL7	Same as UTIL1, but contains the seventh item mentioned	87	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL7_	<b>N(Y032)</b>	90	CHAR(1)
*UTIL8	Same as UTIL1, but contains the eighth item mentioned	91	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL8_	<b>N(Y032)</b>	94	CHAR(1)
*UTIL9	Same as UTIL1, but contains the ninth item mentioned	95	CHAR(3)
	CAPI Section 4 <b>N(Y032)</b>		
*UTIL9_	<b>N(Y032)</b>	98	CHAR(1)

m. **SECTION 5 CONSTRUCTION, REPAIRS, ALTERATIONS, AND MAINTENANCE OF PROPERTY**

PART A Screening Questions (CRA)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
CRMCODEA	What kind of job will the materials for jobs not yet started be used for? CODED 100 Dwellings under construction including a vacation or second home 110 Building an addition to the house or a new structure including porch, garage or new wing 120 Finishing a basement or an attic or enclosing a porch 130 Remodeling one or more rooms in the house 140 Landscaping the ground or planting new shrubs or trees 150 Building outdoor patios, walks, fences, or other enclosures, driveways, or permanent swimming pools 160 Repairing outdoor patios, walks, fences, driveways, or permanent swimming pools 170 Inside painting or papering 180 Outside painting 190 Plastering or paneling 200 Plumbing or water heating installations and repairs 210 Electrical work 220 Heating or air-conditioning jobs 230 Flooring repair or replacement, including inlaid linoleum or vinyl tile 240 Insulation 260 Roofing, gutters, or downspouts 270 Siding 280 Installation, repair, or replacement of window panes, screens, storm doors, awnings, and the like 290 Masonry, brick or stucco work 300 Other improvements or repairs 310 Combined expenses (100-300)  CAPI Section 5 (S05A 6b)	21	CHAR(3)
CRMC_DEA		24	CHAR(1)
ADVMATX	Since the 1st of ( <i>month, three months ago</i> ), excluding the current month, what was the total cost of materials and supplies purchased for jobs not yet started?  CAPI Section 5 (S05A 6c)	25	NUM(6)
ADVMATX_		31	CHAR(1)

MATNSPCX	Since the 1st of ( <i>month, three months ago</i> ), excluding the current month, what was the total cost of materials and supplies purchased not for any specific job?  CAPI Section 5 (S05A 7b)	32	NUM(6)
MATN_PCX		38	CHAR(1)
*CRMCD A1	If CRMCD E A = 310, then CRMCD A1 will contain the first code mentioned of the multiple items indicated in CRMCD E A  CAPI Section 5 <b>N(Y032)</b>	39	CHAR(3)
*CRMCD A1_	<b>N(Y032)</b>	42	CHAR(1)
*CRMCD A2	Same as CRMCD A1, but contains the second item mentioned  CAPI Section 5 <b>N(Y032)</b>	43	CHAR(3)
*CRMCD A2_	<b>N(Y032)</b>	46	CHAR(1)
*CRMCD A3	Same as CRMCD A1, but contains the third item mentioned  CAPI Section 5 <b>N(Y032)</b>	47	CHAR(3)
*CRMCD A3_	<b>N(Y032)</b>	50	CHAR(1)
*CRMCD A4	Same as CRMCD A1, but contains the fourth item mentioned  CAPI Section 5 <b>N(Y032)</b>	51	CHAR(3)
*CRMCD A4_	<b>N(Y032)</b>	54	CHAR(1)
*CRMCD A5	Same as CRMCD A1, but contains the fifth item mentioned  CAPI Section 5 <b>N(Y032)</b>	55	CHAR(3)
*CRMCD A5_	<b>N(Y032)</b>	58	CHAR(1)
*CRMCD A6	Same as CRMCD A1, but contains the sixth item mentioned  CAPI Section 5 <b>N(Y032)</b>	59	CHAR(3)
*CRMCD A6_	<b>N(Y032)</b>	62	CHAR(1)
*CRMCD A7	Same as CRMCD A1, but contains the seventh item mentioned  CAPI Section 5 <b>N(Y032)</b>	63	CHAR(3)

*CRMCD7_	<b>N(Y032)</b>	66	CHAR(1)
*CRMCD8	Same as CRMCD1, but contains the eighth item mentioned	67	CHAR(3)
	CAPI Section 5 <b>N(Y032)</b>		
*CRMCD8_		70	CHAR(1)
*CRMCD9	Same as CRMCD1, but contains the ninth item mentioned	71	CHAR(3)
	CAPI Section 5 <b>N(Y032)</b>		
*CRMCD9_	<b>N(Y032)</b>	74	CHAR(1)

**n. SECTION 5 CONSTRUCTION, REPAIRS, ALTERATIONS, AND MAINTENANCE OF PROPERTY**

PART B Job Description (CRB)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
CRMCODEB	Job code for jobs in progress or completed.	21	CHAR(3)
	<b>CODED</b>		
	100 Dwellings under construction including a vacation or second home		
	110 Building an addition to the house or a new structure including porch, garage or new wing		
	120 Finishing a basement or an attic or enclosing a porch		
	130 Remodeling one or more rooms in the house		
	140 Landscaping the ground or planting new shrubs or trees		
	150 Building outdoor patios, walks, fences, or other enclosures, driveways, or permanent swimming pools		
	160 Repairing outdoor patios, walks, fences, driveways, or permanent swimming pools		
	170 Inside painting or papering		
	180 Outside painting		
	190 Plastering or paneling		
	200 Plumbing or water heating installations and repairs		
	210 Electrical work		
	220 Heating or air-conditioning jobs		
	230 Flooring repair or replacement, including inlaid linoleum or vinyl tile		
	240 Insulation		
	260 Roofing, gutters, or downspouts		
	270 Siding		
	280 Installation, repair, or replacement of window panes, screens, storm doors, awnings, and the like		
	290 Masonry, brick or stucco work		
	300 Other improvements or repairs		
	310 Combined expenses (100-300)		

CAPI Section 5 (S05B 1)

CRMC_DEB		24	CHAR(1)
CRMPROPI	Property number CODED	25	CHAR(2)
	01-20 Property number (PROP_NOB from Section 3, Part B)		
	97 Rented sample unit		
	98 Other rented unit		
	99 Property not owned or rented by CU		

CAPI Section 5 (S05B 2b)

CRMP_OPI		27	CHAR(1)
CRMTYPE	Job classification CODED	28	CHAR(1)
	1 Addition		
	2 Alteration		
	3 Replacement		
	4 Maintenance and repair		
	5 New construction		

CAPI Section 5 (S05B 3b)

CRMTYPE_		29	CHAR(1)
APPCDE1	Which of these items did the job include? CODED	30	CHAR(3)
	100 Electric cooking stove, range or oven		
	110 Gas cooking stove, range or oven		
	120 Microwave oven		
	130 Other cooking stove, range or oven including wood, coal, or peat burning stoves		
	140 Refrigerator		
	150 Home freezer		
	160 Built-in dishwasher		
	170 Portable dishwasher		
	180 Garbage disposal		
	190 Clothes washer		
	200 Clothes dryer		
	210 Range hood		
	250 Smoke alarms and detectors		
	260 Central vacuum		
	270 Trash compactor		
	340 Window air conditioner		
	350 Portable cooling and heating equipment, including portable dehumidifiers, humidifiers, fans, and space heaters, excluding window air conditioners		
	900 Other major home appliances and equipment. (The codes originate from the appliance codes in Section 6, Parts A and B.)		

CAPI Section 5 (S05B 7)

APPCDE1_		33	CHAR(1)
APPCDE2	See APPCDE1 for question, codes, and source.	34	CHAR(3)
APPCDE2_		37	CHAR(1)
APPCDE3	See APPCDE1 for question, codes, and source.	38	CHAR(3)
APPCDE3_		41	CHAR(1)
APPCDE4	See APPCDE1 for question, codes, and source.	42	CHAR(3)
APPCDE4_		45	CHAR(1)
APPCDE5	See APPCDE1 for question, codes, and source.	46	CHAR(3)
APPCDE5_		49	CHAR(1)
APPCDE6	See APPCDE1 for question, codes, and source.	50	CHAR(3)
APPCDE6_		53	CHAR(1)
REIMBRSZ	What percent of the total cost was (will be) reimbursed or paid by someone outside of your CU?  CAPI Section 5 (S05B 10b)	54	NUM(4,2)
REIM_RSZ		58	CHAR(1)
CRMBSNSZ	What percent of these expenses for this job was (will be) deducted as a business expense?  CAPI Section 5 (S05B 11b)	59	NUM(4,2)
CRMB_NSZ		63	CHAR(1)
QADLABX	Cost of labor, materials, appliances, and equipment provided by contractor since first of month, three months ago, adjusted for business and reimbursements  Census derived	64	NUM(8)
QADLABX_		72	CHAR(1)
QADLAB3X	Cost of labor, materials, appliances, and equipment provided by contractor for month, three months ago, adjusted for business and reimbursements  Census derived	73	NUM(8)
QADL_B3X		81	CHAR(1)
QADLAB2X	Cost of labor, materials, appliances, and equipment provided by contractor for month, two months ago, adjusted for business and reimbursements	82	NUM(8)

	Census derived		
QADL_B2X		90	CHAR(1)
QADLAB1X	Cost of labor, materials, appliances, and equipment provided by contractor for month, one month ago, adjusted for business and reimbursements	91	NUM(8)
	Census derived		
QADL_B1X		99	CHAR(1)
QADEQPX1	Cost of appliance or equipment provided by contractor, referenced by APPCDE1, adjusted for business and reimbursements	100	NUM(9,2)
	Census derived		
QADE_PX1		109	CHAR(1)
QADEQPX2	Cost of appliance or equipment provided by contractor, referenced by APPCDE2, adjusted for business and reimbursements	110	NUM(9,2)
	Census derived		
QADE_PX2		119	CHAR(1)
QADEQPX3	Cost of appliance or equipment provided by contractor, referenced by APPCDE3, adjusted for business and reimbursements	120	NUM(9,2)
	Census derived		
QADE_PX3		129	CHAR(1)
QADEQPX4	Cost of appliance or equipment provided by contractor, referenced by APPCDE4, adjusted for business and reimbursements	130	NUM(9,2)
	Census derived		
QADE_PX4		139	CHAR(1)
QADEQPX5	Cost of appliance or equipment provided by contractor, referenced by APPCDE5, adjusted for business and reimbursements	140	NUM(9,2)
	Census derived		
QADE_PX5		149	CHAR(1)
QADEQPX6	Cost of appliance or equipment provided by contractor, referenced by APPCDE6, adjusted for business and reimbursements	150	NUM(9,2)

	Census derived		
QADE_PX6		159	CHAR(1)
QADPSP3X	Cost of materials, supplies, tools, or equipment purchased by CU in the month, three months ago, adjusted for business and reimbursement	160	NUM(8)
	Census derived		
QADP_P3X		168	CHAR(1)
QADPSP2X	Cost of materials, supplies, tools, or equipment purchased by CU in the month, two months ago, adjusted for business and reimbursement	169	NUM(8)
	Census derived		
QADP_P2X		177	CHAR(1)
QADPSPLX	Cost of materials, supplies, tools, or equipment purchased by CU in the month, one month ago, adjusted for business and reimbursement	178	NUM(8)
	Census derived		
QADP_PLX		186	CHAR(1)
QADRSP3X	Cost of tools or equipment rented by CU in the month, three months ago, adjusted for business and reimbursement	187	NUM(8)
	Census derived		
QADR_P3X		195	CHAR(1)
QADRSP2X	Cost of tools or equipment rented by CU in the month, two months ago, adjusted for business and reimbursement	196	NUM(8)
	Census derived		
QADR_P2X		204	CHAR(1)
QADRSP1X	Cost of tools or equipment rented by CU in the month, one month ago, adjusted for business and reimbursement	205	NUM(8)
	Census derived		
QADR_PLX		213	CHAR(1)
CRMPTYPE	Property code CODED	214	CHAR(1)
	1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live		
	2 A second home, vacation home or recreational property		
	3 Unimproved land with no buildings on it or other property		
	4 Rented sample unit or other rented unit		

5 Property not owned or rented by CU

BLS derived

CRMP_YPE		215	CHAR(1)
CRMCODE	Detailed job codes	216	CHAR(3)

NOTE: This variable did not undergo the Census edit process and therefore a small number of observations may have codes other than those listed below. It is not known to which type of job these codes refer.

CODED

- 101 Bathroom addition
- 102 Kitchen addition
- 103 Addition of other room in house
- 104 Addition of deck or porch
- 105 Addition of attached garage, carport or shed
- 199 Other addition
- 201 New bathroom plumbing fixture
- 202 New kitchen plumbing fixture
- 203 Other new plumbing
- 204 New insulation
- 205 New heating, ventilation and/or air conditioning
- 206 New electrical
- 207 New security system
- 208 New paneling and/or ceiling tile
- 209 New tile, vinyl and/or linoleum flooring
- 210 Other new flooring
- 211 Bathroom remodeling
- 212 Kitchen remodeling
- 213 New kitchen cabinets
- 214 Bathroom and kitchen remodeling
- 215 Finishing unfinished space
- 216 New garage door opener
- 217 New siding
- 218 Other remodeling or interior of the house
- 219 New windows and/or skylights
- 220 New doors
- 299 Other alterations
- 301 Addition of detached garage or carport
- 302 Addition of other detached building
- 303 Addition of patio or terrace
- 304 New sprinkler system, septic tank, or well
- 305 New recreational facilities
- 306 New driveway or walk
- 307 New fence
- 399 Other new outside addition or alteration
- 401 Painting
- 402 Wallpapering
- 403 Plumbing repair
- 404 Repair driveway or walk
- 405 Repair heating, ventilation or air conditioning system
- 406 Electrical repair

- 407 Repair siding
- 408 Repair roofing
- 409 Repair flooring
- 410 Repair windows or skylights
- 411 Repair doors
- 412 Repair recreational facilities
- 498 Purchase materials to have on hand
- 499 Other repairs
- 501 Replacement of plumbing fixtures
- 502 Replacement of water heater, garbage disposal, or laundry tub
- 503 Replacement of septic tank or well
- 504 Replacement of interior pipes
- 505 Replacement of heating, ventilation or air conditioning system
- 506 Replacement of wiring
- 507 Replacement of siding
- 508 Replacement of roof
- 509 Replacement of driveway or walk
- 510 Replacement of windows or skylights
- 511 Replacement of doors
- 599 Other major replacements

BLS derived

CRMCODE_		219	CHAR(1)
*QADPSPTX	Total cost of supplies purchased by CU adjusted for business & reimbursement)	220	NUM(8)
	CAPI Section 5 <b>N(Y032)</b>		
*QADP_PTX	<b>N(Y032)</b>	228	CHAR(1)
*QADTLRX	Total cost of supplies rented by CU (adjusted for business & reimbursement)	229	NUM(8)
	CAPI Section 5 <b>N(Y032)</b>		
*QADTLRX_	<b>N(Y032)</b>	237	CHAR(1)
*CRMADB1	If CRMADBEB = 310, then CRMADA1 will contain the first code mentioned of the multiple items indicated in CRMADBEB	238	CHAR(3)
	CAPI Section 5 <b>N(Y032)</b>		
*CRMADB1_	<b>N(Y032)</b>	241	CHAR(1)
*CRMADB2	Same as CRMADB1, but contains the second item mentioned	242	CHAR(3)
	CAPI Section 5 <b>N(Y032)</b>		

*CRMCDDB2_	<b>N(Y032)</b>	245	CHAR(1)
*CRMCDDB3	Same as CRMCDDB1, but contains the third item mentioned CAPI Section 5 <b>N(Y032)</b>	246	CHAR(3)
*CRMCDDB3_	<b>N(Y032)</b>	249	CHAR(1)
*CRMCDDB4	Same as CRMCDDB1, but contains the fourth item mentioned CAPI Section 5 <b>N(Y032)</b>	250	CHAR(3)
*CRMCDDB4_	<b>N(Y032)</b>	253	CHAR(1)
*CRMCDDB5	Same as CRMCDDB1, but contains the fifth item mentioned CAPI Section 5 <b>N(Y032)</b>	254	CHAR(3)
*CRMCDDB5_	<b>N(Y032)</b>	257	CHAR(1)
*CRMCDDB6	Same as CRMCDDB1, but contains the sixth item mentioned CAPI Section 5 <b>N(Y032)</b>	258	CHAR(3)
*CRMCDDB6_	<b>N(Y032)</b>	261	CHAR(1)
*CRMCDDB7	Same as CRMCDDB1, but contains the seventh item mentioned CAPI Section 5 <b>N(Y032)</b>	262	CHAR(3)
*CRMCDDB7_	<b>N(Y032)</b>	265	CHAR(1)
*CRMCDDB8	Same as CRMCDDB1, but contains the eighth item mentioned CAPI Section 5 <b>N(Y032)</b>	266	CHAR(3)
*CRMCDDB8_	<b>N(Y032)</b>	269	CHAR(1)
*CRMCDDB9	Same as CRMCDDB1, but contains the ninth item mentioned CAPI Section 5 <b>N(Y032)</b>	270	CHAR(3)
*CRMCDDB9_	<b>N(Y032)</b>	273	CHAR(1)

**o. SECTION 6 APPLIANCES, HOUSEHOLD EQUIPMENT, AND OTHER SELECTED ITEMS**

PART A Purchase of Household Appliances (APA)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*MAJAPPLY	Item code CODED 100 Electric cooking stove, range, or oven 110 Gas cooking stove, range, or oven 120 Microwave oven 130 Other cooking stove, range, or oven including wood, coal, or peat burning stoves 140 Refrigerator 150 Home-freezer 160 Built-in dishwasher 170 Portable dishwasher 180 Garbage disposal 190 Clothes washer 200 Clothes dryer 210 Range hood 220 Combined major appliances (100-210) CODED *225 Combined Clothes washer and dryer (190, 200) <b>[N(Y032)]</b>  CAPI Section 6 (S06A col. c)	21	CHAR(3)
MAJA_PLY		24	CHAR(1)
GFTC_MAJ	Was this item purchased for own use, rented, or purchased as gift to others? CODED 1 Purchased for own use 2 Rented 3 Purchased for someone outside your CU  CAPI Section 6 (S06A col. d)	25	CHAR(1)
GFTCOMAJ		26	CHAR(1)
MAJ_MO	When did you purchase it? CODED 01-12 January-December  CAPI Section 6 (S06A col. e)	27	CHAR(2)
MAJ_MO_		29	CHAR(1)
MAJPURX	What was the purchase price after any trade-in allowance?  CAPI Section 6 (S06A col. f)	30	NUM(6)

MAJPURX_		36	CHAR(1)
MAJRENTX	What was the total rental expense since the 1st of ( <i>month, 3 months ago</i> ), excluding the current month? (GFTC_MAJ = 2 only)  CAPI Section 6 (S06A col. h)	39	NUM(6)
MAJR_NTX		45	CHAR(1)
MAJINSTX	How much were any extra charges for installation?  CAPI Section 6 (S06A col. i)	46	NUM(6)
MAJI_STX		52	CHAR(1)
*MJAPPL1	If MAJAPPLY = 225, then MJAPPL1 will contain the first code mentioned of the multiple items indicated in MAJAPPLY  CAPI Section 6 <b>N(Y032)</b>	53	CHAR(3)
*MJAPPL1_	<b>N(Y032)</b>	56	CHAR(1)
*MJAPPL2	Same as MJAPPL1, but contains the second item mentioned  CAPI Section 6 <b>N(Y032)</b>	57	CHAR(3)
*MJAPPL2_	<b>N(Y032)</b>	60	CHAR(1)
*MJAPPL3	Same as MJAPPL1, but contains the third item mentioned  CAPI Section 6 <b>N(Y032)</b>	61	CHAR(3)
*MJAPPL3_	<b>N(Y032)</b>	64	CHAR(1)
*MJAPPL4	Same as MJAPPL1, but contains the fourth item mentioned  CAPI Section 6 <b>N(Y032)</b>	65	CHAR(3)
*MJAPPL4_	<b>N(Y032)</b>	68	CHAR(1)
*MJAPPL5	Same as MJAPPL1, but contains the fifth item mentioned  CAPI Section 6 <b>N(Y032)</b>	69	CHAR(3)
*MJAPPL5_	<b>N(Y032)</b>	72	CHAR(1)
*MJAPPL6	Same as MJAPPL1, but contains the sixth item mentioned  CAPI Section 6 <b>N(Y032)</b>	73	CHAR(3)

*MJAPPL6_	<b>N(Y032)</b>	76	CHAR(1)
*MJAPPL7	Same as MJAPPL1, but contains the seventh item mentioned	77	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MJAPPL7_	<b>N(Y032)</b>	80	CHAR(1)
*MJAPPL8	Same as MJAPPL1, but contains the eighth item mentioned	81	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MJAPPL8_	<b>N(Y032)</b>	84	CHAR(1)
*MJAPPL9	Same as MJAPPL1, but contains the ninth item mentioned	85	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MJAPPL9_	<b>N(Y032)</b>	88	CHAR(1)

**P. SECTION 6 APPLIANCES, HOUSEHOLD EQUIPMENT, AND OTHER SELECTED ITEMS**

**PART B Purchase of Household Appliances and Other Selected Items (APB)**

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*MINAPPLY	Item code	21	CHAR(3)
	CODED		
	230 Small electrical kitchen appliances		
	240 Electric personal care appliances		
	250 Smoke detectors		
	260 Electric floor cleaning equipment		
	270 Other household appliances		
	280 Sewing machines		
	300 Photographic equipment		
	310 Lawnmowing machinery and other yard equipment		
	320 Power tools		
	330 Non-power tools		
	340 Window air conditioners		
	350 Portable cooling and heating equipment		
	360 Color televisions (portable and table models)		
	370 Color television consoles and combinations of TV; large screen color TV projection equipment; color monitors and other items		
	380 Black and white TV's and combinations of TV's with other items		
	390 VCR, video camera, video disc player, camcorder		
	400 Radio, all types		
	420 Tape recorders and players		
	430 Sound components, component systems, and compact disc sound systems		
	440 Other sound and video equipment, including accessories (Audio tapes are found in Section 17, Part B)		
	450 Piano, organ, or keyboard instrument		
	460 Other musical instruments, supplies, and accessories		
	470 General sports equipment (including athletic shoes for sports related use)		
	480 Health and exercise equipment		
	490 Camping equipment		
	500 Hunting and fishing equipment		
	510 Winter sports equipment		
	520 Water sports equipment		
	530 Outboard motors		
	540 Bicycles		
	550 Tricycles and battery powered riders		
	560 Playground equipment		
	570 Other sports and recreation equipment		
	590 Calculators		
	610 Telephone answering devices		
	620 Typewriters and other office machines for non-business use		

- 640 Computers, computer systems and related hardware for non-business use
- 650 Computer software and accessories for non-business use.
- 660 Telephones and accessories
- 670 Satellite dishes
- 800 Combined expenses (230-280, 300-350, 590, 610-620, 640-660)
- 810 Combined television, radio, video, and sound equipment expenses (360-440, 670)
- 820 Combined sports, recreation, and exercise equipment expenses (470-570)

CODED

- \*900 Combined expense (any item in section/part) **[N(Y032)]**

CAPI Section 6 (S06B col. c)

MINA_PLY		24	CHAR(1)
GFTCMIN	Was this item purchased for own use, rented, or purchased as gift to others?	25	CHAR(1)
	CODED		
	1 Purchased for own use		
	2 Rented		
	3 Purchased for someone outside your CU		

CAPI Section 6 (S06B col. d)

GFTCMIN_		26	CHAR(1)
MIN_MO	When did you purchase it?	27	CHAR(2)
	CODED		
	01-12 January-December		

CAPI Section 6 (S06B col. e)

MIN_MO_		29	CHAR(1)
MINPURX	What did this item cost? (Include delivery charges, exclude installation charges)	30	NUM(6)

CAPI Section 6 (S06B col. f)

MINPURX_		36	CHAR(1)
MINRENTX	What was the total rental expense since the 1st of ( <i>month, 3 months ago</i> ), excluding the current month? (GFTCMIN = 2 only)?	37	NUM(6)

CAPI Section 6 (S06B col. g)

MINR_NTX		43	CHAR(1)
*MNAPPL1	If MINAPPLY = 900, then MNAPPL1 will contain the first code mentioned of the multiple items indicated in MINAPPLY	44	CHAR(3)

	CAPI Section 6 <b>N(Y032)</b>		
*MNAPPL1_	<b>N(Y032)</b>	47	CHAR(1)
*MNAPPL2	Same as MNAPPL1, but contains the second item mentioned	48	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MNAPPL2_	<b>N(Y032)</b>	51	CHAR(1)
*MNAPPL3	Same as MNAPPL1, but contains the third item mentioned	52	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MNAPPL3_	<b>N(Y032)</b>	55	CHAR(1)
*MNAPPL4	Same as MNAPPL1, but contains the fourth item mentioned	56	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MNAPPL4_	<b>N(Y032)</b>	59	CHAR(1)
*MNAPPL5	Same as MNAPPL1, but contains the fifth item mentioned	60	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MNAPPL5_	<b>N(Y032)</b>	63	CHAR(1)
*MNAPPL6	Same as MNAPPL1, but contains the sixth item mentioned	64	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MNAPPL6_	<b>N(Y032)</b>	67	CHAR(1)
*MNAPPL7	Same as MNAPPL1, but contains the seventh item mentioned	68	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MNAPPL7_	<b>N(Y032)</b>	71	CHAR(1)
*MNAPPL8	Same as MNAPPL1, but contains the eighth item mentioned	72	CHAR(3)
	CAPI Section 6 <b>N(Y032)</b>		
*MNAPPL8_	<b>N(Y032)</b>	75	CHAR(1)
*MNAPPL9	Same as MNAPPL1, but contains the ninth item mentioned	76	CHAR(3)

CAPI Section 6  
**N(Y032)**

\*MNAPPL9\_ **N(Y032)** 79 CHAR(1)

**q. SECTION 7 HOUSEHOLD EQUIPMENT REPAIRS, SERVICE CONTRACTS, AND FURNITURE REPAIR AND REUPHOLSTERING**

**PART B Household Equipment Repairs and Service Contracts (EQB)**

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
RPAIR_TYP	Identifier of cost as equipment repair or service contract CODED 1 Equipment repair 2 Service contract  CAPI Section 7 (S07B col. b)	21	CHAR(1)
RPAI_TYP		22	CHAR(1)
*APPRPRYB	Equipment repair or service contract code CODED 100 Garbage disposal, range hood, or built-in dishwasher 110 Other household appliances, including washer, refrigerator or range/oven 120 Television, radio, video, and sound equipment except those installed in automobiles or other vehicles 130 Lawn and garden equipment 140 Musical instruments and accessories 150 Hand or power tools 160 Photographic equipment 170 Sport and recreational equipment 190 Termite or pest control treatment 200 Heating or air conditioning equipment 210 Combined expenses for equipment repair (100-180, 220) or service contracts (100-200, 220) 220 Computers, computer systems and related equipment for non-business use CODED 115 Combined garbage disposal/range hood/built-in dishwasher and other household appliances including washer, refrigerator or range/oven (100, 110) <b>[N(Y032)]</b> 210 Combined expense (any item in section/part) <b>[N(Y032)]</b>  CAPI Section 7 (S07B col. c)	23	CHAR(3)
APPR_RYB		26	CHAR(1)
SRVCMOB	In what month was (repair done/service contract purchased)?	27	CHAR(2)

	CAPI Section 7 (S07B col. d)		
SRVCMOB_		29	CHAR(1)
REPAIRX	What was the total cost?	30	NUM(6)
	CAPI Section 7 (S07B col. e)		
REPAIRX_		36	CHAR(1)
*APPRPB1	If APPRPRYB = 900, then APPRPB1 will contain the first code mentioned of the multiple items indicated in APPRPRYB	37	CHAR(3)
	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB1_	<b>N(Y032)</b>	40	CHAR(1)
*APPRPB2	Same as APPRPB1, but contains the second item mentioned	41	CHAR(3)
	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB2_	<b>N(Y032)</b>	44	CHAR(1)
*APPRPB3	Same as APPRPB1, but contains the third item mentioned	45	CHAR(3)
	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB3_	<b>N(Y032)</b>	48	CHAR(1)
*APPRPB4	Same as APPRPB1, but contains the fourth item mentioned	49	CHAR(3)
	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB4_	<b>N(Y032)</b>	52	CHAR(1)
*APPRPB5	Same as APPRPB1, but contains the fifth item mentioned	53	CHAR(3)
	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB5_	<b>N(Y032)</b>	56	CHAR(1)
*APPRPB6	Same as APPRPB1, but contains the sixth item mentioned	57	CHAR(3)
	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB6_	<b>N(Y032)</b>	60	CHAR(1)
*APPRPB7	Same as APPRPB1, but contains the seventh item mentioned	61	CHAR(3)

	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB7_	<b>N(Y032)</b>	64	CHAR(1)
*APPRPB8	Same as APPRPB1, but contains the eighth item mentioned	65	CHAR(3)
	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB8_	<b>N(Y032)</b>	68	CHAR(1)
*APPRPB9	Same as APPRPB1, but contains the ninth item mentioned	69	CHAR(3)
	CAPI Section 7 <b>N(Y032)</b>		
*APPRPB9_	<b>N(Y032)</b>	72	CHAR(1)

r. **SECTION 8 HOME FURNISHINGS AND RELATED HOUSEHOLD ITEMS**

PART A Purchases (FRA)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*FURNPURY	Item code CODED	21	CHAR(3)
	100 Sofas		
	101 Living room chairs		
	102 Living room tables		
	103 Modular wall units, shelves or cabinets		
	104 Ping-pong, pool tables, other similar recreation room items		
	105 Other living room, family or recreation room furniture including desks		
	106 Living room furniture combinations (100-103, 105)		
	110 All dining room and kitchen furniture		
	120 Mattresses and springs		
	121 Bedroom furniture other than mattresses and springs		
	122 Bedroom furniture combinations (120, 121)		
	130 Infants furniture		
	131 Infants equipment		
	140 Patio, porch or outdoor furniture		
	141 Outdoor equipment		
	150 All office furniture for home use		
	160 Combined furniture expenses (100-105, 110, 120, 121, 130, 140, 141, 150)		
	170 Clocks		
	171 Lamps, and other lighting fixtures		

- 173 Other household decorative items
- 180 Storage items
- 181 Travel items
- 190 Plastic dinnerware
- 191 China and other dinnerware
- 192 Stainless, silver, and other flatware
- 193 Glassware
- 195 Serving pieces other than silver
- 196 Non-electric cookware
- 197 Combined kitchenware (190-196)
- 198 Silver serving pieces
- 200 Bedroom linens
- 201 Bathroom linens
- 202 Kitchen and dining room linens
- 203 Other linens
- 204 Combined linens (200-203)
- 205 Slipcovers, decorative pillows and cushions
- 210 Original wall-to-wall carpeting
- 211 Replacement wall-to-wall carpeting
- 212 Room-size rugs and other non-permanent floor coverings, including carpet squares
- 214 Curtains and drapes
- 215 Venetian blinds, window shades, other window coverings
- 220 Combined expenses (170, 171, 173, 180, 190-193, 195, 196, 198, 200-203, 205, 210, 211-217)

CODED

\*900 Combined expense (any item in section/part) **[N(Y032)]**

CAPI Section 8 (S08A col. c)

FURN\_URY 24 CHAR(1)

FURNMO In what month did you purchase the item? 25 CHAR(2)

CAPI Section 8 (S08A col. d)

FURNMO\_ 27 CHAR(1)

FURNGFTC Was this purchased for your CU or as a gift to someone outside the CU? 28 CHAR(1)

CODED

- 1 For use by the CU
- 2 Household furnishings purchased for someone outside your CU

CAPI Section 8 (S08A col. e)

FURN\_FTC 29 CHAR(1)

FURNPURX What was the purchase price? 30 NUM(6)

CAPI Section 8 (S08A col. f)

\*FRNPRY1 If FURNPURY = 900, then FRNPRY1 will contain the first code mentioned of the multiple items indicated in FURNPURY 37 CHAR(3)

	CAPI Section 8 <b>N(Y032)</b>		
*FRNPRY1_	<b>N(Y032)</b>	40	CHAR(1)
*FRNPRY2	Same as FRNPRY1, but contains the second item mentioned	41	CHAR(3)
	CAPI Section 8 <b>N(Y032)</b>		
*FRNPRY2_	<b>N(Y032)</b>	44	CHAR(1)
*FRNPRY3	Same as FRNPRY1, but contains the third item mentioned	45	CHAR(3)
	CAPI Section 8 <b>N(Y032)</b>		
*FRNPRY3_	<b>N(Y032)</b>	48	CHAR(1)
*FRNPRY4	Same as FRNPRY1, but contains the fourth item mentioned	49	CHAR(3)
	CAPI Section 8 <b>N(Y032)</b>		
*FRNPRY4_	<b>N(Y032)</b>	52	CHAR(1)
*FRNPRY5	Same as FRNPRY1, but contains the fifth item mentioned	53	CHAR(3)
	CAPI Section 8 <b>N(Y032)</b>		
*FRNPRY5_	<b>N(Y032)</b>	56	CHAR(1)
*FRNPRY6	Same as FRNPRY1, but contains the sixth item mentioned	57	CHAR(3)
	CAPI Section 8 <b>N(Y032)</b>		
*FRNPRY6_	<b>N(Y032)</b>	60	CHAR(1)
*FRNPRY7	Same as FRNPRY1, but contains the seventh item mentioned	61	CHAR(3)
	CAPI Section 8 <b>N(Y032)</b>		
*FRNPRY7_	<b>N(Y032)</b>	64	CHAR(1)
*FRNPRY8	Same as FRNPRY1, but contains the eighth item mentioned	65	CHAR(3)
	CAPI Section 8 <b>N(Y032)</b>		
*FRNPRY8_	<b>N(Y032)</b>	68	CHAR(1)
*FRNPRY9	Same as FRNPRY1, but contains the ninth item mentioned	69	CHAR(3)

CAPI Section 8  
N(Y032)

\*FRNPRY9\_ N(Y032) 72 CHAR(1)

**s. SECTION 8 HOMEFURNISHINGS AND RELATED HOUSEHOLD ITEMS**

**PART B Rental, Leasing, or Repair of Furniture (FRB)**

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
QFRT3MCX	Reference period total for furniture rental expense minus current month BLS derived	28	NUM(6)
QFRT_MCX		34	CHAR(1)
QREP3MCX	Reference period total for furniture repair expense minus current month BLS derived	35	NUM(6)
QREP_MCX		41	CHAR(1)

**t. SECTION 9 CLOTHING AND SEWING MATERIALS**

**PART A Clothing (CLA)**

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*CLOTHYA	Item code CODED 100 Coats, jackets, and furs 110 Sport coats and tailored jackets 120 Suits 130 Vests 140 Sweaters and sweater sets 150 Pants, slacks, and jeans 160 Shorts and short sets (excluding athletic shorts) 170 Dresses 180 Skirts 190 Shirts, blouses and tops 200 Undergarments 210 Hosiery 220 Nightwear and loungewear	21	CHAR(3)

- 230 Accessories
- 240 Active sportswear
- 250 Uniforms (for which cost is not reimbursed)
- 260 Costumes
- 270 Combined clothing (100-260)
- 280 Footwear (include athletic shoes not specifically purchased for sports)

CODED

- \*275 Combined pants/slacks/jeans and shirts/blouses/tops (150, 190) **[N(Y032)]**
- \*900 Combined expense (any item in section/part) **[N(Y032)]**

CAPI Section 9 (S09A col. c)

CLOTHQA How many of this item did you purchase? 25 NUM(4)

CAPI Section 9 (S09A col. e)

CLOTHQA\_ 29 CHAR(1)

CLOTHMOA In what month did you purchase it? 30 CHAR(2)

CAPI Section 9 (S09A col. f)

CLOT\_MOA 32 CHAR(1)

CLOTHXA How much did it cost? 33 NUM(6)

CAPI Section 9 (S09A col. g)

CLOTHXA\_ 39 CHAR(1)

AGE\_SEXA Age/sex code of person for whom clothing item was purchased 40 CHAR(1)

CODED

- 1 Male, 16 and over
- 2 Female, 16 and over
- 3 Male, 2 through 15
- 4 Female, 2 through 15
- 5 Infant under 2 years

BLS derived

AGE\_\_EXA 41 CHAR(1)

CLOGFTA Identifier of purchase as gift or non-gift 42 CHAR(1)

CODED

- 1 Gift
- 2 Non-gift

BLS derived

CLOGFTA\_ 43 CHAR(1)

\*CLOTHA 1 If CLOTHYA = 900, then CLOTHA1 will contain the first code mentioned of the multiple items indicated in CLOTHYA 44 CHAR(3)

	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHA 1_	<b>N(Y032)</b>	47	CHAR(1)
*CLOTHA 2	Same as CLOTHA1, but contains the second item mentioned	48	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHA 2_	<b>N(Y032)</b>	51	CHAR(1)
*CLOTHA 3	Same as CLOTHA1, but contains the third item mentioned	52	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHA 3_	<b>N(Y032)</b>	55	CHAR(1)
*CLOTHA 4	Same as CLOTHA1, but contains the fourth item mentioned	56	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHA 4_	<b>N(Y032)</b>	59	CHAR(1)
*CLOTHA 5	Same as CLOTHA1, but contains the fifth item mentioned	60	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHA 5_	<b>N(Y032)</b>	63	CHAR(1)
*CLOTHA 6	Same as CLOTHA1, but contains the sixth item mentioned	64	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHA 6_	<b>N(Y032)</b>	67	CHAR(1)
*CLOTHA 7	Same as CLOTHA1, but contains the seventh item mentioned	68	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHA 7_	<b>N(Y032)</b>	71	CHAR(1)
*CLOTHA 8	Same as CLOTHA1, but contains the eighth item mentioned	72	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHA 8_	<b>N(Y032)</b>	75	CHAR(1)
*CLOTHA 9	Same as CLOTHA1, but contains the ninth item mentioned	76	CHAR(3)

CAPI Section 9  
**N(Y032)**

\*CLOTHA 9\_ **N(Y032)** 79 CHAR(1)

**u. SECTION 9 CLOTHING AND SEWING MATERIALS**

PART B Infants Clothing, Watches, Jewelry and Hairpieces (CLB)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*CLOTHYB	Item code CODED 200 Same as Section 8, Part A - Bedroom Linens (may be present if expenditures are allocated from layettes - CLOTHYB = 330) 201 Same as Section 8, Part A - Bathroom Linens (may be present if expenditures are allocated from layettes - CLOTHYB = 330) 290 Infants coats, jackets, or snowsuits 300 Infants dresses and other outerwear 310 Infants' underwear and diapers, including disposable 320 Infants sleeping garments 330 Layettes (Allocated to codes 200, 201, 310, 320, 340) 340 Infants accessories 360 Combined clothing for infants (290-320, 340) 370 Watches 380 Jewelry 390 Hairpieces, wigs or toupees CODED *900 Combined expense (any item in section/part) <b>[N(Y032)]</b>  CAPI Section 9 (S09B col. c)	21	CHAR(3)
CLOTHYB_		24	CHAR(1)
CLOGFTB	Was this item purchased for your CU or for someone outside of your CU? CODED 1 CU member 2 Non-CU member  CAPI Section 9 (S09B col. d)	25	CHAR(1)
CLOGFTB_		26	CHAR(1)
CLOTHQB	How many of this item did you purchase?  CAPI Section 9 (S09B col. e)	27	NUM(4)
CLOTHQB_		31	CHAR(1)

CLOTHMOB	In what month did you purchase it? CAPI Section 9 (S09B col. f )	32	CHAR(2)
CLOT_MOB		34	CHAR(1)
CLOTHXB	How much did it cost? CAPI Section 9 (S09B col. g)	35	NUM(6)
CLOTHXB_		41	CHAR(1)
AGE_SEXB	Age/sex code of person for whom item was purchased CODED 5 Infant under 2 years Blank Purchases of watches, jewelry, hairpieces, wigs, and toupees  BLS derived	42	CHAR(1)
AGE__EXB		43	CHAR(1)
*CLOTHB 1	If CLOTHYB = 900, then CLOTHB1 will contain the first code mentioned of the multiple items indicated in CLOTHYB  CAPI Section 9 <b>N(Y032)</b>	44	CHAR(3)
*CLOTHB 1_	<b>N(Y032)</b>	47	CHAR(1)
*CLOTHB 2	Same as CLOTHB1, but contains the second item mentioned  CAPI Section 9 <b>N(Y032)</b>	48	CHAR(3)
*CLOTHB 2_	<b>N(Y032)</b>	51	CHAR(1)
*CLOTHB 3	Same as CLOTHB1, but contains the third item mentioned  CAPI Section 9 <b>N(Y032)</b>	52	CHAR(3)
*CLOTHB 3_	<b>N(Y032)</b>	55	CHAR(1)
*CLOTHB 4	Same as CLOTHB1, but contains the fourth item mentioned  CAPI Section 9 <b>N(Y032)</b>	56	CHAR(3)
*CLOTHB 4_	<b>N(Y032)</b>	59	CHAR(1)
*CLOTHB 5	Same as CLOTHB1, but contains the fifth item mentioned  CAPI Section 9 <b>N(Y032)</b>	60	CHAR(3)

*CLOTHB 5_	<b>N(Y032)</b>	63	CHAR(1)
*CLOTHB 6	Same as CLOTHB1, but contains the sixth item mentioned CAPI Section 9 <b>N(Y032)</b>	64	CHAR(3)
*CLOTHB 6_	<b>N(Y032)</b>	67	CHAR(1)
*CLOTHB 7	Same as CLOTHB1, but contains the seventh item mentioned CAPI Section 9 <b>N(Y032)</b>	68	CHAR(3)
*CLOTHB 7_	<b>N(Y032)</b>	71	CHAR(1)
*CLOTHB 8	Same as CLOTHB1, but contains the eighth item mentioned CAPI Section 9 <b>N(Y032)</b>	72	CHAR(3)
*CLOTHB 8_	<b>N(Y032)</b>	75	CHAR(1)
*CLOTHB 9	Same as CLOTHB1, but contains the ninth item mentioned CAPI Section 9 <b>N(Y032)</b>	76	CHAR(3)
*CLOTHB 9_	<b>N(Y032)</b>	79	CHAR(1)

v. **SECTION 9 CLOTHING AND SEWING MATERIALS**

PART C Sewing Materials (CLC)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
SEWINGY	Item code CODED 400 Sewing materials for making slipcovers, curtains, etc., and for handwork in the home including yarn 410 Sewing materials for making clothes 420 Sewing notions 430 Other sewing materials 440 Combined sewing materials (400-430)  CAPI Section 9 (S09C col. c)	21	CHAR(3)
SEWINGY_		24	CHAR(1)

SEWGFTC	Was this item purchased for your CU or for someone outside your CU? CODED 1 CU member 2 Non-CU member  CAPI Section 9 (S09C col. d)	25	CHAR(1)
SEWGFTC_		26	CHAR(1)
SEWINGMO	In what month did you purchase it?  CAPI Section 9 (S09C col. e)	27	CHAR(2)
SEWI_GMO		29	CHAR(1)
SEWINGX	How much did it cost?  CAPI Section 9 (S09C col. f)	30	NUM(6)
SEWINGX_		36	CHAR(1)
*SEWING1	If SEWINGY = 440, then SEWING1 will contain the first code mentioned of the multiple items indicated in SEWINGY  CAPI Section 9 <b>N(Y032)</b>	37	CHAR(3)
*SEWING1_	<b>N(Y032)</b>	40	CHAR(1)
*SEWING2	Same as SEWING1, but contains the second item mentioned  CAPI Section 9 <b>N(Y032)</b>	41	CHAR(3)
*SEWING2_	<b>N(Y032)</b>	44	CHAR(1)
*SEWING3	Same as SEWING1, but contains the third item mentioned  CAPI Section 9 <b>N(Y032)</b>	45	CHAR(3)
*SEWING3_	<b>N(Y032)</b>	48	CHAR(1)
*SEWING4	Same as SEWING1, but contains the fourth item mentioned  CAPI Section 9 <b>N(Y032)</b>	49	CHAR(3)
*SEWING4_	<b>N(Y032)</b>	52	CHAR(1)
*SEWING5	Same as SEWING1, but contains the fifth item mentioned  CAPI Section 9 <b>N(Y032)</b>	53	CHAR(3)

*SEWING5_	<b>N(Y032)</b>	56	CHAR(1)
*SEWING6	Same as SEWING1, but contains the sixth item mentioned CAPI Section 9 <b>N(Y032)</b>	57	CHAR(3)
*SEWING6_	<b>N(Y032)</b>	60	CHAR(1)
*SEWING7	Same as SEWING1, but contains the seventh item mentioned CAPI Section 9 <b>N(Y032)</b>	61	CHAR(3)
*SEWING7_	<b>N(Y032)</b>	64	CHAR(1)
*SEWING8	Same as SEWING1, but contains the eighth item mentioned CAPI Section 9 <b>N(Y032)</b>	65	CHAR(3)
*SEWING8_	<b>N(Y032)</b>	68	CHAR(1)
*SEWING9	Same as SEWING1, but contains the ninth item mentioned CAPI Section 9 <b>N(Y032)</b>	69	CHAR(3)
*SEWING9_	<b>N(Y032)</b>	72	CHAR(1)

**w. SECTION 9 CLOTHING AND SEWING MATERIALS**

PART D Clothing Services (CLD)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
CLOTHYD	Item code CODED 450 Repair, alteration, and tailoring for clothing and accessories 460 Shoe repair and other shoe services 470 Watch or jewelry repair 480 Clothing rental 490 Clothing storage 500 Combined expenses (450-490)  CAPI Section 9 (S09D col. c)	21	CHAR(3)
CLOTHYD_		24	CHAR(1)

CLSVGFTC	Was this service purchased for your CU or for someone outside your CU? CODED 1 CU member 2 Non-CU member  CAPI Section 9 (S09D col. d)	25	CHAR(1)
CLSV_FTC		26	CHAR(1)
CLOTHMOD	In what month did you purchase it?  CAPI Section 9 (S09D col. e)	27	CHAR(2)
CLOT_MOD		29	CHAR(1)
CLSRVCX	How much did it cost?  CAPI Section 9 (S09D col. f)	30	NUM(6)
CLSRVCX_		36	CHAR(1)
*CLOTHD1	If CLOTHYD = 500, then CLOTHD1 will contain the first code mentioned of the multiple items indicated in CLOTHYD  CAPI Section 9 <b>N(Y032)</b>	37	CHAR(3)
*CLOTHD1_	<b>N(Y032)</b>	40	CHAR(1)
*CLOTHD2	Same as CLOTHD1, but contains the second item mentioned  CAPI Section 9 <b>N(Y032)</b>	41	CHAR(3)
*CLOTHD2_	<b>N(Y032)</b>	44	CHAR(1)
*CLOTHD3	Same as CLOTHD1, but contains the third item mentioned  CAPI Section 9 <b>N(Y032)</b>	45	CHAR(3)
*CLOTHD3_	<b>N(Y032)</b>	48	CHAR(1)
*CLOTHD4	Same as CLOTHD1, but contains the fourth item mentioned  CAPI Section 9 <b>N(Y032)</b>	49	CHAR(3)
*CLOTHD4_	<b>N(Y032)</b>	52	CHAR(1)
*CLOTHD5	Same as CLOTHD1, but contains the fifth item mentioned  CAPI Section 9 <b>N(Y032)</b>	53	CHAR(3)

*CLOTHD5_	<b>N(Y032)</b>	56	CHAR(1)
*CLOTHD6	Same as CLOTHD1, but contains the sixth item mentioned	57	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHD6_	<b>N(Y032)</b>	60	CHAR(1)
*CLOTHD7	Same as CLOTHD1, but contains the seventh item mentioned	61	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHD7_	<b>N(Y032)</b>	64	CHAR(1)
*CLOTHD8	Same as CLOTHD1, but contains the eighth item mentioned	65	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHD8_	<b>N(Y032)</b>	68	CHAR(1)
*CLOTHD9	Same as CLOTHD1, but contains the ninth item mentioned	69	CHAR(3)
	CAPI Section 9 <b>N(Y032)</b>		
*CLOTHD9_	<b>N(Y032)</b>	72	CHAR(1)

**x. SECTION 10 RENTED AND LEASED VEHICLES**

PART A.1 Screening Questions (RTV)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
RENTCODE	Vehicle code CODED 100 Automobile 110 Truck, including vans 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 190 Private plane 200 Any other vehicle  CAPI Section 9 (S10A.1 2b)	21	CHAR(3)
RENT_ODE		24	CHAR(1)
BSNSPCTZ	What percent of the total rental expenses were (will be) deducted as business expenses, reimbursed, or paid by someone else?  CAPI Section 10 (S10A.1 5a / S10.2 5a)	25	NUM(3,2)
BSNS_CTZ		28	CHAR(1)
QADRENTX	Amount paid for renting vehicle, adjusted for business  Census derived	29	NUM(8)
QADR_NTX		37	CHAR(1)
ANYVACAT	Was it rented solely for use on a vacation, overnight trip, or a trip of 75 miles or more one way? CODED 1 Yes 2 No  CAPI Section 10 (S10A.1 3)	47	CHAR(1)
ANYV_CAT		48	CHAR(1)

**y. SECTION 10 RENTED AND LEASED VEHICLES**

PART B Detailed Questions for Leased Vehicles (LSD)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
LSDNUM	Vehicle number CAPI Section 10 (S10B 1a)	21	CHAR(2)
LSDNUM_		23	CHAR(1)
LSDCODE	Vehicle code CODED 100 Automobile 110 Truck or van CAPI Section 10 (S10B 1b)	24	CHAR(3)
LSDCODE_		27	CHAR(1)
MODELYR	What is the year of the vehicle? CAPI Section 10 (S10B 2)	28	CHAR(4)
MODELYR_		32	CHAR(1)
*MODEL	What is the make and model of the vehicle? Census derived <b>D(Y032)</b>	33	CHAR(4)
*MODEL_	<b>D(Y032)</b>	37	CHAR(1)
NUMCYL	How many cylinders does it have? (0 if rotary, turbine, or electric) CAPI Section 10 (S10B 3)	38	NUM(2)
NUMCYL_		40	CHAR(1)
ANYAUTO	Does it have automatic transmission? CODED 1 Yes 2 No CAPI Section 10 (S10B 4a)	41	CHAR(1)
ANYAUTO_		42	CHAR(1)
ANYSTEER	Does it have power steering? CODED 1 Yes	43	CHAR(1)

	2 No		
	CAPI Section 10 (S10B 4b)		
ANYS_EER		44	CHAR(1)
ANYBRAKE	Does it have power brakes? CODED 1 Yes 2 No	45	CHAR(1)
	CAPI Section 10 (S10B 4c)		
ANYB_AKE		46	CHAR(1)
ANYAC	Does it have air conditioning? CODED 1 Yes 2 No	47	CHAR(1)
	CAPI Section 10 (S10B 4d)		
ANYAC_		48	CHAR(1)
ANYROOF	Does it have a sun roof? CODED 1 Yes 2 No	49	CHAR(1)
	CAPI Section 10 (S10B 4e)		
ANYROOF_		50	CHAR(1)
ANYTURBO	Does it have a turbo charged engine? CODED 1 Yes 2 No	51	CHAR(1)
	CAPI Section 10 (S10B 4f)		
ANYT_RBO		52	CHAR(1)
ANYDIESL	Does it have a diesel engine? CODED 1 Yes 2 No	53	CHAR(1)
	CAPI Section 10 (S10B 4g)		
ANYD_ESL		54	CHAR(1)
ANYWHEEL	Does it have four wheel drive? CODED 1 Yes 2 No	55	CHAR(1)

	CAPI Section 10 (S10B 4h)		
ANYW_EEL		56	CHAR(1)
DOORS	How many doors does it have? (LSDCODE = 100 only)	57	NUM(1)
	CAPI Section 10 (S10B 5a)		
DOORS_		58	CHAR(1)
TYPEVEH	Is it a . . . ? (LSDCODE = 100 only) CODED 1 Station wagon 2 Convertible 3 Hatchback 4 Other	59	CHAR(1)
	CAPI Section 10 (S10B 5b)		
TYPEVEH_		60	CHAR(1)
PRCBSNSZ	What percent of the mileage is counted as a business expense?	61	NUM(3,2)
	CAPI Section 10 (S10B 6b)		
PRCB_NSZ		64	CHAR(1)
MILESVEH	How many miles are currently on the vehicle?	65	NUM(6)
	CAPI Section 10 (S10B 7)		
MILE_VEH		71	CHAR(1)
NEWUSED	Was it new or used when first leased? CODED 1 New 2 Used	72	CHAR(1)
	CAPI Section 10 (S10B 8)		
NEWUSED_		73	CHAR(1)
LSDSOURC	Was this vehicle leased from a . . . ? (Lessor) CODED 1 New or used vehicle dealer 2 Independent leasing company 3 Bank 4 Someplace else	74	CHAR(1)
	CAPI Section 10 (S10B 9)		
LSDS_URC		75	CHAR(1)
NUMPAY	What was the number of payments contracted for?	76	NUM(3)
	CAPI Section 10 (S10B 10a)		

NUMPAY_		79	CHAR(1)
PMTMONTH	In what month was the first payment made? CAPI Section 10 (S10B 10b)	80	CHAR(2)
PMTM_NTH		82	CHAR(1)
PAYEXPX	What is the amount of each payment? CAPI Section 10 (S10B 10c)	83	NUM(4)
PAYEXPX_		87	CHAR(1)
PAYTIME	What period is covered by each payment? CODED 1 Week 2 2 weeks 3 Month 4 Quarter 5 Semiannually 6 Annually 7 Other CAPI Section 10 (S10B 10d)	88	CHAR(1)
PAYTIME_		89	CHAR(1)
EMPLYEXP	How much of the leasing cost is paid by an employer? CAPI Section 10 (S10B 11)	90	NUM(8)
EMPL_EXP		98	CHAR(1)
TRADEEXP	How much was the trade-in allowance received? CAPI Section 10 (S10B 12)	99	NUM(8)
TRAD_EXP		107	CHAR(1)
DOWNEXP	How much was the cash down payment made? CAPI Section 10 (S10B 13a)	108	NUM(8)
DOWNEXP_		116	CHAR(1)
DNEMPEXP	How much of the cash down payment was paid by an employer? CAPI Section 10 (S10B 13b)	117	NUM(8)
DNEM_EXP		125	CHAR(1)
LSDENDMO	In what month was the lease terminated? CAPI Section 10 (S10B 14b)	126	CHAR(2)

LSDE_DMO		128	CHAR(1)
QADPMT1X	Amount paid for all leasing charges, adjusted for business, first month of reference period	129	NUM(8)
	Census derived		
QADP_T1X		137	CHAR(1)
QADPMT2X	Amount paid for all leasing charges, adjusted for business, second month of reference period	138	NUM(8)
	Census derived		
QADP_T2X		146	CHAR(1)
QADPMT3X	Amount paid for all leasing charges, adjusted for business, third month of reference period	147	NUM(8)
	Census derived		
QADP_T3X		155	CHAR(1)
QEXTRA1X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, first month of reference period	156	NUM(8)
	Census derived		
QEXT_A1X		164	CHAR(1)
QEXTRA2X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, second month of reference period	165	NUM(8)
	Census derived		
QEXT_A2X		173	CHAR(1)
QEXTRA3X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, third month of reference period	174	NUM(8)
	Census derived		
QEXT_A3X		182	CHAR(1)
QADDOWNX	Amount of cash down payment, adjusted for business	183	NUM(8)
	Census derived		
QADD_WNX		191	CHAR(1)
QADFEEX	Amount of fees at termination of loan, adjusted for business	192	NUM(8)

	Census derived		
QADFEEX_		200	CHAR(1)
*MKMDEL	Vehicle make and model	201	CHAR(5)
	CAPI Section 10 <b>N(Y032)</b>		
*MKMDEL_	<b>N(Y032)</b>	206	CHAR(1)
*LSDENDYR	In what year was the lease terminated?	207	CHAR(4)
	CAPI Section 10 <b>N(Y032)</b>		
*LSDE_DYR	<b>N(Y032)</b>	211	CHAR(1)

**z. SECTION 11 OWNED VEHICLES**

PART B Detailed Questions (QVB)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
VEHICYB	Vehicle code CODED 100 Automobile 110 Truck, including vans 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 200 Any other vehicle  CAPI Section 11 (S11B 1b)	21	CHAR(3)
VEHICYB_		24	CHAR(1)
VEHICYR	What is the year of the vehicle? CODED 01 = 1969 02 1970-1974 03 1975-1979 04 1980-1982 05 1983-1985 06 1986 07 1987	25	CHAR(2)

08 1988  
 09 1989  
 10 1990  
 11 1991  
 12 1992  
 13 1993  
 14 1994  
 15 1995  
 16 1996  
 17 1997  
 18 1998  
 19 1999  
 20 2000  
 21 2001  
 22 2002

BLS derived

VEHICYR\_ 27 CHAR(1)

\*MKMDLY What is the make and model of the vehicle? 28 CHAR(4)

Census derived  
**D(Y032)**

\*MKMDLY\_ **D(Y032)** 32 CHAR(1)

CYLQ How many cylinders does it have? (0 if rotary, turbine, or electric) 33 NUM(2)

CAPI Section 11 (S11B 4)

CYLQ\_ 35 CHAR(1)

AUTOTRAN Does it have automatic transmission? 36 CHAR(1)  
 CODED  
 1 Yes  
 2 No

CAPI Section 11 (S11B 5a)

AUTO\_RAN 37 CHAR(1)

PWRSTEER Does it have power steering? 38 CHAR(1)  
 CODED  
 1 Yes  
 2 No

CAPI Section 11 (S11B 5b)

PWRS\_EER 39 CHAR(1)

PWRBRAKE	Does it have power brakes? CODED 1 Yes 2 No  CAPI Section 11 (S11B 5c)	40	CHAR(1)
PWRB_AKE		41	CHAR(1)
AIRCAR	Does it have air conditioning? CODED 1 Yes 2 No  CAPI Section 11 (S11B 5d)	42	CHAR(1)
AIRCAR_		43	CHAR(1)
SUNROOF	Does it have a sun roof? CODED 1 Yes 2 No  CAPI Section 11 (S11B 5e)	44	CHAR(1)
SUNROOF_		45	CHAR(1)
TURBOCHG	Does it have a turbo charged engine? CODED 1 Yes 2 No  CAPI Section 11 (S11B 5f)	46	CHAR(1)
TURB_CHG		47	CHAR(1)
DIESEL	Does it have a diesel engine? CODED 1 Yes 2 No  CAPI Section 11 (S11B 5g)	48	CHAR(1)
DIESEL_		49	CHAR(1)
FRWHLDRV	Does it have four wheel drive? CODED 1 Yes 2 No  CAPI Section 11 (S11B 5h)	50	CHAR(1)
FRWH_DRV		51	CHAR(1)

NUMDOOR	How many doors does it have? (VEHICYB = 100 only) CAPI Section 11 (S11B 6a)	52	NUM(1)
NUMDOOR_		53	CHAR(1)
AUTOTYPE	Is it a . . . ? (VEHICYB = 100 only) CODED 1 Station wagon 2 Convertible 3 Hatchback 4 Other CAPI Section 11 (S11B 6b)	54	CHAR(1)
AUTO_YPE		55	CHAR(1)
VEHBSNZ	What percent of the mileage is counted as a business expense? CAPI Section 11 (S11B 7b)	56	NUM(4,2)
VEHBSNZ_		60	CHAR(1)
VEHNEWU	Was it new or used when acquired? CODED 1 New 2 Used CAPI Section 11 (S11B 8)	61	CHAR(1)
VEHNEWU_		62	CHAR(1)
VPURSRCE	Was this vehicle purchased from . . . ? (Seller) CODED 1 Vehicle dealership 2 Private individual 3 Other CAPI Section 11 (S11B 9)	63	CHAR(1)
VPUR_RCE		64	CHAR(1)
VEHGFTC	Was this vehicle . . . ? CODED 1 Purchased for own use 2 Purchased as gift to person outside CU 3 Received as gift CAPI Section 11 (S11B 10a)	65	CHAR(1)
VEHGFTC_		66	CHAR(1)
VEHPURMO	In what month was it purchased? CAPI Section 11 (S11B 11)	67	CHAR(2)

VEHP_RMO		69	CHAR(1)
VEHPURYR	In what year was it purchased? CAPI Section 11 (S11B 11)	70	CHAR(4)
VEHP_RYR		74	CHAR(1)
VFINSTAT	On the 1st of ( <i>month, 3 months ago</i> ), were all loans on this vehicle paid off or were there any remaining payments to be made? CODED 1 Paid off 2 Remaining payments CAPI Section 11 (S11B 12b)	75	CHAR(1)
VFIN_TAT		76	CHAR(1)
TRADEX	How much was the trade-in allowance received? CAPI Section 11 (S11B 13b)	77	NUM(6)
TRADEX_		83	CHAR(1)
NETPURX	What was the amount paid for it after trade-in allowance and discount? CAPI Section 11 (S11B 13c)	84	NUM(6)
NETPURX_		90	CHAR(1)
EMPLEXPX	How much of the amount or price was paid by an employer? CAPI Section 11 (S11B 13f)	91	NUM(6)
EMPL_XPX		97	CHAR(1)
DNPAYMTX	What was the amount of the cash down payment? (VFINSTAT = 2 only) CAPI Section 11 (S11B 14)	98	NUM(6)
DNPA_MTX		104	CHAR(1)
FIN_INST	What was the source of credit? (VFINSTAT = 2 only) CODED 1 Auto dealer 2 Finance company 3 Bank 4 Credit union 5 Insurance company 6 Individual 7 Other CAPI Section 11 (S11B 15a)	105	CHAR(1)

FIN__NST		106	CHAR(1)
PRINCIPX	How much was borrowed, excluding any interest? CAPI Section 11 (S11B 15c)	107	NUM(6)
PRIN_IPX		113	CHAR(1)
VEHQPMT	What was the number of payments contracted for? CAPI Section 11 (S11B 15d)	114	NUM(4)
VEHQPMT_		118	CHAR(1)
PMT1MO	In what month was the first payment made? CAPI Section 11 (S11B 15e)	119	CHAR(2)
PMT1MO_		121	CHAR(1)
PMT1YR	In what year was the first payment made? CAPI Section 11 (S11B 15e)	122	CHAR(4)
PMT1YR_		126	CHAR(1)
PAYMENTX	What is the amount of each payment? CAPI Section 11 (S11B 15f)	127	NUM(4)
PAYM_NTX		131	CHAR(1)
PMTPERD	What period is covered by each payment? CODED 1 Week 2 2 weeks 3 Month 4 Quarter 5 Semiannually 6 Annually 7 Other CAPI Section 11 (S11B 15g)	132	CHAR(1)
PMTPERD_		133	CHAR(1)
EXTRCHGX	How much of the payment is for charges other than principal and interest such as auto insurance or credit life insurance? CAPI Section 11 (S11B 15i)	134	NUM(6)
EXTR_HGX		140	CHAR(1)

QINTRSTZ	Interest rate, based on the direct ratio formula  $QINTRSTZ = \frac{72 * ((VEHQPMT * PAYMENTX) - PRINCIPX)}{(((3 * PRINCIPX) * (VEHQPMT + 1)) + (((VEHQPMT * PAYMENTX) - PRINCIPX) * (VEHQPMT - 1)))}$ BLS derived	141	NUM(5,4)
QINT_STZ	The following is the calculation of the next 12 variables, monthly principal, interest, balance and number of months. Note that i goes from 1 to 3.  If QINTRSTZ > 0 then QBALNMiX = [PRINCIPX * (1 + (QINTRSTZ/12))**(QLOANMiQ-1)] + [PAYMENTX * ((1 - (1 + (QINTRSTZ/12))**(QLOANMiQ-1)) / (QINTRSTZ/12))]  Else if QINTRSTZ = 0 then QBALNMiX = PRINCIPX - ((QLOANMiQ - 1) * PAYMENTX)  NOTE: If QBALNM1X < 0 then set the following variables to blank: QLOANM1-3Q, QBALNM1-3X, QVINTM1-3X, QADITR1-3X, QINTRSTZ  Else if QBALNM2X < 0 then set the following variables to blank: QLOANM2-3Q, QBALNM2-3X, QVINTM2-3X, QVPRIM2-3X, QADITR2-3X  Else if QBALNM3X < 0 then set the following variables to blank: QLOANM3Q, QBALNM3X, QVINTM3X, QVPRIM3X, QADITR3X  NOTE: If the loan has not yet begun, the variables will be set to blank.  QVINTMiX = QBALNMiX * (QINTRSTZ/12) QVPRIMiX = PAYMENTX - QVINTMiX	146	CHAR(1)
QLOANM1Q	Number of months since the inception of loan as of first month of reference period  BLS derived	147	NUM(4)
QLOA_M1Q		151	CHAR(1)
QBALNM1X	Principal balance outstanding at the beginning of first month of reference period  BLS derived	152	NUM(8)
QBAL_M1X		160	CHAR(1)

QVINTM1X	Amount of interest paid during first month of reference period BLS derived	161	NUM(8)
QVIN_M1X		169	CHAR(1)
QVPRIM1X	Amount of principal paid during first month of reference period BLS derived	170	NUM(8)
QVPR_M1X		178	CHAR(1)
QLOANM2Q	Number of months since the inception of loan as of second month of reference period BLS derived	179	NUM(4)
QLOA_M2Q		183	CHAR(1)
QBALNM2X	Principal balance outstanding at the beginning of second month of reference period BLS derived	184	NUM(8)
QBAL_M2X		192	CHAR(1)
QVINTM2X	Amount of interest paid during second month of reference period BLS derived	193	NUM(8)
QVIN_M2X		201	CHAR(1)
QVPRIM2X	Amount of principal paid during second month of reference period BLS derived	202	NUM(8)
QVPR_M2X		210	CHAR(1)
QLOANM3Q	Number of months since the inception of loan as of third month of reference period BLS derived	211	NUM(4)
QLOA_M3Q		215	CHAR(1)
QBALNM3X	Principal balance outstanding at the beginning of second month of reference period BLS derived	216	NUM(8)
QBAL_M3X		224	CHAR(1)
QVINTM3X	Amount of interest paid during third month of reference period BLS derived	225	NUM(8)

QVIN_M3X		233	CHAR(1)
QVPRIM3X	Amount of principal paid during third month of reference period BLS derived	234	NUM(8)
QVPR_M3X		242	CHAR(1)
QTRADEX	Amount paid for vehicle after trade-in allowance minus amount of cost paid by employer  If EMPLEXPX is not an illegal entry code: QTRADEX = NETPURX - EMPLEXPX  Else If VEHBSNZ is present: QTRADEX = NETPURX - VEHBSNZ * NETPURX  Else QTRADEX = NETPURX - .20 * NETPURX  Census derived	243	NUM(8)
QTRADEX_		251	CHAR(1)
QREIMBRZ	Percent of cost paid by employer after trade-in allowance (EMPLEXPX/NETPURX)  Census derived	252	NUM(4,2)
QREI_BRZ		256	CHAR(1)
QADITR1X	Amount of interest paid during first month of reference period, adjusted for business (QVINTM1X * (1-QREIMBRZ))  BLS derived	257	NUM(8)
QADI_R1X		265	CHAR(1)
QADITR2X	Amount of interest paid during second month of reference period, adjusted for business (QVINTM2X * (1-QREIMBRZ))  BLS derived	266	NUM(8)
QADI_R2X		274	CHAR(1)
QADITR3X	Amount of interest paid during third month of reference period, adjusted for business (QVINTM3X * (1-QREIMBRZ))  BLS derived	275	NUM(8)
QADI_R3X		283	CHAR(1)
QDNPYMTX	Amount of down payment, adjusted for business (DNPAYMTX * (1-QREIMBRZ))  Census derived	284	NUM(6)

QDNP_MTX		290	CHAR(1)
VEHMILE	How many miles are currently on the vehicle? (VEHICYB = 100-120, 150 only)	291	NUM(6)
	CAPI Section 11 (S11B 10b)		
VEHMILE_		297	CHAR(1)
VEHEQTLN	Was the source of credit a home equity loan? (FIN_INST = 2, 3, 4 only)	298	CHAR(1)
	CODED 1 Yes 2 No		
	CAPI Section 11 (S11B 15b)		
VEHE_TLN		299	CHAR(1)
VEHICIB	Vehicle number	300	CHAR(2)
	CAPI Section 11 (S11B 1a)		
VEHICIB_		302	CHAR(1)
*MKMODEL	Vehicle make and model	303	CHAR(5)
	CAPI Section 11 <b>N(Y032)</b>		
*MKMODEL_		308	CHAR(1)
*NOOPTION	Vehicle has no listed options '1' = Yes '2' = No	309	CHAR(1)
	CAPI Section 11 <b>N(Y032)</b>		
*NOOP_ION		310	CHAR(1)
*DKOPTION	Don't know which options '1' = Yes '2' = No	311	CHAR(1)
	CAPI Section 11 <b>N(Y032)</b>		
*DKOP_ION		312	CHAR(1)
*VFINANCE	Was any portion of the vehicle price financed? '1' = Vehicle was financed '2' = Vehicle not financed	313	CHAR(1)
	CAPI Section 11 <b>N(Y032)</b>		

aa. **SECTION 11 OWNED VEHICLES**

PART C Disposal of Vehicles (OVC)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
VEHICYC	Vehicle code CODED 100 Automobile 110 Truck, including vans 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 200 Any other vehicle  CAPI Section 11 (S11C 1b)	21	CHAR(3)
VEHICYC_		24	CHAR(1)
VEHDISP	How did you dispose of the vehicle? CODED 1 Sold 2 Traded in 3 Given away to someone outside the CU, including students away at school 4 Damaged beyond repair 5 Stolen 6 Other  CAPI Section 11 (S11C 2a)	25	CHAR(1)
VEHDISP_		26	CHAR(1)
VDISPMO	In what month was it disposed of?  CAPI Section 11 (S11C 2b)	27	CHAR(2)
VDISPMO_		29	CHAR(1)
SALEX	How much did you sell it for? (VEHDISP = 1 only)  CAPI Section 11 (S11C 3)	30	NUM(6)
SALEX_		36	CHAR(1)

REIMBURX	How much did you receive for the vehicle? (VEHDISP = 4 or 5 only) CAPI Section 11 (S11C 4b)	37	NUM(6)
REIM_URX		43	CHAR(1)
EXREIMBX	How much will you receive for the vehicle? (VEHDISP = 4 or 5 only) CAPI Section 11 (S11C 4d)	44	NUM(6)
EXRE_MBX		50	CHAR(1)
LOANSTAT	Were there any outstanding loans on the vehicle when it was disposed of? CODED 1 Yes 2 No CAPI Section 11 (S11C 5a)	51	CHAR(1)
LOAN_TAT		52	CHAR(1)
FINPAYMX	How much was the final payment made on any outstanding loan? CAPI Section 11 (S11C 5c)	53	NUM(6)
FINP_YMX		59	CHAR(1)
VEHICIC	Vehicle number CAPI Section 11 (S11C 1a)	60	CHAR(2)
VEHICIC_		62	CHAR(1)

**bb. SECTION 12 VEHICLE OPERATING EXPENSES**

PART A Vehicle Maintenance and Repair, Parts, and Equipment (VEQ)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
VOPVEHYA	Which vehicle was the item for? CODED 100 Automobile 110 Truck, including vans 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 200 Any other vehicle  CAPI Section 12 (S12A col. e)	21	CHAR(3)
VOPV_HYA		24	CHAR(1)
VOPMOA	In what month did you have this expense?  CAPI Section 12 (S12A col. f)	25	CHAR(2)
VOPMOA_		27	CHAR(1)
VOPEXPX	What was the total cost?  CAPI Section 12 (S12A col. g)	28	NUM(6)
VOPEXPX_		34	CHAR(1)
VOPRMBXA	How much was (will be) reimbursed?  CAPI Section 12 (S12A col. j)	35	NUM(6)
VOPR_BXA		41	CHAR(1)

QVOPEQPX	<p>Amount paid for vehicle equipment or maintenance less reimbursements</p> <p>If VOPRMBXA is present:  QVOPEQPX = VOPEXPX - VOPRMBXA</p> <p>Else:  If VOPREIMA = 1 then QVOPEQPX = 0  If VOPREIMA = 2 then QVOPEQPX = VOPEXPX * .6  If VOPREIMA = 3 then QVOPEQPX = VOPEXPX * .5  If VOPREIMA = 4 then QVOPEQPX = VOPEXPX</p> <p>Census derived</p>	42	NUM(8)
QVOP_QPX		50	CHAR(1)
*VOPSERVY	<p>Item code</p> <p>CODED</p> <ul style="list-style-type: none"> <li>100 Oil change, lubrication, and oil filter</li> <li>110 Motor tune-up</li> <li>120 Brake work</li> <li>130 Battery purchase and installation</li> <li>140 Tire purchases and mounting</li> <li>150 Tire repair</li> <li>160 Front end alignment, wheel balancing, and wheel rotation</li> <li>170 Steering or front end work</li> <li>180 Electrical system work</li> <li>190 Engine repair or replacement</li> <li>200 Air conditioning work</li> <li>210 Engine cooling system work</li> <li>300 Exhaust system work</li> <li>310 Clutch or transmission work</li> <li>320 Body work and painting</li> <li>330 Shock absorber replacement</li> <li>340 Drive shaft or rear-end work</li> <li>350 Audio equipment and installation</li> <li>360 Vehicle accessories and customization</li> <li>370 Other vehicle services, parts, and equipment</li> <li>500 Combined expenses (100-370)</li> </ul> <p>CODED</p> <ul style="list-style-type: none"> <li>*115 Combined oil change/lube/filter and motor tune-up (100, 110) <b>[N(Y032)]</b></li> </ul> <p>CAPI Section 12 (S12A col. c)</p>	51	CHAR(3)
VOPS_RVY		54	CHAR(1)
VOPLABOR	<p>Did this expense include labor?</p> <p>CODED</p> <ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> </ul> <p>CAPI Section 12 (S12A col. d)</p>	55	CHAR(1)

VOPL_BOR		56	CHAR(1)
VOPREIMB	Has (Will) any of this expense been (be) reimbursed?	57	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 12 (S12A col. i)		
VOPR_IMB		58	CHAR(1)
*VPSRVY1	If VOPSERVY = 500, then VPSRVY1 will contain the first code mentioned of the multiple items indicated in VOPSERVY	59	CHAR(3)
	CAPI Section 12		
	<b>N(Y032)</b>		
*VPSRVY1_	<b>N(Y032)</b>	62	CHAR(1)
*VPSRVY2	Same as VPSRVY1, but contains the second item mentioned	63	CHAR(3)
	CAPI Section 12		
	<b>N(Y032)</b>		
*VPSRVY2_	<b>N(Y032)</b>	66	CHAR(1)
*VPSRVY3	Same as VPSRVY1, but contains the third item mentioned	67	CHAR(3)
	CAPI Section 12		
	<b>N(Y032)</b>		
*VPSRVY3_	<b>N(Y032)</b>	70	CHAR(1)
*VPSRVY4	Same as VPSRVY1, but contains the fourth item mentioned	71	CHAR(3)
	CAPI Section 12		
	<b>N(Y032)</b>		
*VPSRVY4_	<b>N(Y032)</b>	74	CHAR(1)
*VPSRVY5	Same as VPSRVY1, but contains the fifth item mentioned	75	CHAR(3)
	CAPI Section 12		
	<b>N(Y032)</b>		
*VPSRVY5_	<b>N(Y032)</b>	78	CHAR(1)
*VPSRVY6	Same as VPSRVY1, but contains the sixth item mentioned	79	CHAR(3)
	CAPI Section 12		
	<b>N(Y032)</b>		
*VPSRVY6_	<b>N(Y032)</b>	82	CHAR(1)
*VPSRVY7	Same as VPSRVY1, but contains the seventh item mentioned	83	CHAR(3)

	CAPI Section 12 <b>N(Y032)</b>		
*VPSRVY7_	<b>N(Y032)</b>	86	CHAR(1)
*VPSRVY8	Same as VPSRVY1, but contains the eighth item mentioned	87	CHAR(3)
	CAPI Section 12 <b>N(Y032)</b>		
*VPSRVY8_	<b>N(Y032)</b>	90	CHAR(1)
*VPSRVY9	Same as VPSRVY1, but contains the ninth item mentioned	91	CHAR(3)
	CAPI Section 12 <b>N(Y032)</b>		
*VPSRVY9_	<b>N(Y032)</b>	94	CHAR(1)

cc. **SECTION 12 VEHICLE OPERATING EXPENSES**

PART B Licensing, Registration, and Inspection of Vehicles (VLR)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
VOPREGY	Item code CODED 400 Driver's license 410 Vehicle inspection 415 State vehicle registration 425 Local vehicle registration 430 Combined expenses (400 - 425)	21	CHAR(3)
	CAPI Section 12 (S12B col. c)		
VOPREGY_		24	CHAR(1)
VOPMO_C	In what month did you have this expense?	25	CHAR(2)
	CAPI Section 12 (S12B col. d)		
VOPMO_C_		27	CHAR(1)
VOPREGX	What was the total amount of this expense?	28	NUM(4)
	CAPI Section 12 (S12B col. e)		
VOPREGX_		32	CHAR(1)

*VOPRGY1	If VOPREGY = 430, then VOPRGY1 will contain the first code mentioned of the multiple items indicated in VOPREGY  CAPI Section 12 <b>N(Y032)</b>	33	CHAR(3)
*VOPRGY1_	<b>N(Y032)</b>	36	CHAR(1)
*VOPRGY2	Same as VOPRGY1, but contains the second item mentioned  CAPI Section 12 <b>N(Y032)</b>	37	CHAR(3)
*VOPRGY2_	<b>N(Y032)</b>	40	CHAR(1)
*VOPRGY3	Same as VOPRGY1, but contains the third item mentioned  CAPI Section 12 <b>N(Y032)</b>	41	CHAR(3)
*VOPRGY3_	<b>N(Y032)</b>	44	CHAR(1)
*VOPRGY4	Same as VOPRGY1, but contains the fourth item mentioned  CAPI Section 12 <b>N(Y032)</b>	45	CHAR(3)
*VOPRGY4_	<b>N(Y032)</b>	48	CHAR(1)
*VOPRGY5	Same as VOPRGY1, but contains the fifth item mentioned  CAPI Section 12 <b>N(Y032)</b>	49	CHAR(3)
*VOPRGY5_	<b>N(Y032)</b>	52	CHAR(1)
*VOPRGY6	Same as VOPRGY1, but contains the sixth item mentioned  CAPI Section 12 <b>N(Y032)</b>	53	CHAR(3)
*VOPRGY6_	<b>N(Y032)</b>	56	CHAR(1)
*VOPRGY7	Same as VOPRGY1, but contains the seventh item mentioned  CAPI Section 12 <b>N(Y032)</b>	57	CHAR(3)
*VOPRGY7_	<b>N(Y032)</b>	60	CHAR(1)
*VOPRGY8	Same as VOPRGY1, but contains the eighth item mentioned  CAPI Section 12 <b>N(Y032)</b>	61	CHAR(3)
*VOPRGY8_	<b>N(Y032)</b>	64	CHAR(1)

*VOPRGY9	Same as VOPRGY1, but contains the ninth item mentioned CAPI Section 12 N(Y032)	65	CHAR(3)
*VOPRGY9_	N(Y032)	68	CHAR(1)

**dd. SECTION 12 VEHICLE OPERATING EXPENSES**

PART C Other Vehicle Operating Expenses (VOT)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
VOPFLUDX	Since the 1st of (month, 3 months ago), what was the total cost of purchases of antifreeze, brake fluid, transmission fluid, or, additives, except if purchased with a tune-up? Do not include purchases for vehicles used entirely for business.  CAPI Section 12 (S12C 3b)	21	NUM(5)
VOPF_UDX		26	CHAR(1)
VOPPARKX	Since the 1st of (month, 3 months ago), how much was paid, excluding any payments made this month, for parking, including garage rental, metered parking and parking lot fees, except expenses included in property ownership costs? (Do not include parking expenses that are totally reimbursed or paid entirely for business.)  CAPI Section 12 (S12C 4b)	27	NUM(5)
VOPP_RKX		32	CHAR(1)
VOPTOWX	Since the 1st of (month, 3 months ago), how much was paid, excluding any payments made in the current month, for towing charges, excluding contracted or pre-paid charges?  CAPI Section 12 (S12C 4d)	33	NUM(5)
VOPTOWX_		38	CHAR(1)
VOPDOCKX	Since the 1st of (month, 3 months ago), how much was paid, excluding any payments made in the current month, for docking and landing fees for boats and planes?  CAPI Section 12 (S12C 4f)	39	NUM(5)
VOPD_CKX		44	CHAR(1)

VOPPLCYX	Since the 1st of ( <i>month, 3 months ago</i> ), excluding ( <i>this month</i> ), how much were expenses for auto repair service policies? Do not include service policies for vehicles used entirely for business.  CAPI Section 12 (S12C 5b)	45	NUM(5)
VOPP_CYX		50	CHAR(1)
TANKGASX	Since the 1st of ( <i>month, 3 months ago</i> ), excluding ( <i>this month</i> ), how much were expenses for bottled or tank gas for recreational vehicles, including vans, campers, and boats?  CAPI Section 12 (S12C 6b)	51	NUM(6)
TANK_ASX		57	CHAR(1)
QBSNSEPZ	Percent of expenses for gasoline and other fuels counted as business expense  Census derived	58	NUM(4,2)
QBSN_EPZ		62	CHAR(1)
QOIL3MCX	Amount paid for oil, other than oil included with purchase of oil change, during the reference period  Census derived	63	NUM(8)
QOIL_MCX		71	CHAR(1)
JGASOXQV	Quarterly expenditure on gasoline and other non-diesel fuels to operate automobiles, trucks, motorcycles, or any other vehicles, adjusted for business  BLS derived	72	NUM(8)
JGAS_XQV		80	CHAR(1)
JDIESXQV	Quarterly expenditure on diesel fuel to operate automobiles, trucks, motorcycles, or any other vehicles, adjusted for business  BLS derived	81	NUM(8)
JDIE_XQV		89	CHAR(1)
VOPCLUBX	Expense for automobile service clubs  CA PI Section 12 ( S12C 5d)	90	NUM(5)
VOPC_UBX		95	CHAR(1)

ee. **SECTION 13 INSURANCE OTHER THAN HEALTH**

PART B Detailed Questions (INB)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
POLICYIB	Policy number  CAPI Section 13 (S13B 1a)	21	CHAR(2)
POLI_YIB		23	CHAR(1)
PLCYSTAB	Policy discontinued CODED 1 Discontinued  CAPI Section 13 (S13B 1b)	24	CHAR(1)
PLCY_TAB		25	CHAR(1)
POLICYYB	What type of insurance is (was) it?  CODED 100 Life insurance, or other policies which provide benefits in case of death or disability 200 Automobile or other vehicle insurance 300 Homeowner's insurance (Now includes fire and extended coverage insurance, previously collected separately under code 500) 400 Tenant's insurance 500 Other types of non-health insurance  CAPI Section 13 (S13B 2b)	26	CHAR(3)
POLI_YYB		29	CHAR(1)
INSPRPY1	Property(ies) policy covers? (PROP_NOB from Section 3, Part B) (POLICYYB = 300 or 500 only)  CAPI Section 13 (S13B 5b)	30	CHAR(2)
INSP_PY1		32	CHAR(1)
INSPRPY2	See INSPRPY1 for question and source.	33	CHAR(2)
INSP_PY2		35	CHAR(1)
INSPRPY3	See INSPRPY1 for question and source.	36	CHAR(2)
INSP_PY3		38	CHAR(1)
INSPRPY4	See INSPRPY1 for question and source.	39	CHAR(2)

INSP_PY4		41	CHAR(1)
INSPRPY5	See INSPRPY1 for question and source.	42	CHAR(2)
INSP_PY5		44	CHAR(1)
INSPRPY6	See INSPRPY1 for question and source.	45	CHAR(2)
INSP_PY6		47	CHAR(1)
PREMPAID	Are the policy premiums paid . . .? (Payer) CODED 1 Entirely by CU 2 Partially by CU and partially by someone outside the CU 3 Entirely by an employer or union 4 Entirely by another group or persons outside the CU  CAPI Section 13 (S13B 6a)	48	CHAR(1)
PREM_AID		49	CHAR(1)
PAYDEDPR	Are any premiums paid through payroll deductions? (PREMPAID = 1 or 2 only) CODED 1 Yes 2 No  CAPI Section 13 (S13B 6b)	50	CHAR(1)
PAYD_DPR		51	CHAR(1)
PREMPERD	How often are premiums on this policy paid? (PREMPAID = 1 or 2 only) CODED 1 Weekly 2 Biweekly 3 Monthly - directly 4 Monthly - in mortgage payment 5 Quarterly 6 Semiannually 7 Annually 8 Paid-up policy 9 Other  CAPI Section 13 (S13B 7)	52	CHAR(1)
PREM_ERD		53	CHAR(1)
QINSRDDZ	Percent of vehicle expense paid by CU, adjusted for business, averaged over all owned vehicles (The percentage is derived from a variable in Section 11, Part B.)  QINSRDDZ = SUM(1-VEHBSNZ)/n  Census derived	54	NUM(4,2)

QINS_DDZ		58	CHAR(1)
QPROPDDZ	Percent of owned property expense paid by CU, adjusted for business, averaged over all properties. (The percentage is derived from a variable in Section 3, Part B.)	59	NUM(4,2)
	QPROPDDZ = SUM(1-OBSNSZB)/n		
	Census derived		
QPRO_DDZ		63	CHAR(1)
QRTINDDZ	Percent of rented property expense paid by CU, adjusted for business, averaged over all properties. (The percentage is derived from a variable in Section 2.)	64	NUM(4,2)
	QRTINDDZ = SUM(1-RTBSNSZ)/n		
	Census derived		
QRTI_DDZ		68	CHAR(1)
QVH3MCMX	Amount paid in premiums for automobile or other vehicle insurance, adjusted for business, during reference period	69	NUM(8)
	Census derived		
QVH3_CMX		77	CHAR(1)
QPR3MCMX	Amount paid in premiums for homeowner's and fire and extended coverage insurance, adjusted for business, during reference period	78	NUM(8)
	Census derived		
QPR3_CMX		86	CHAR(1)
QTN3MCMX	Amount paid in premiums for tenant's insurance, adjusted for business, during reference period	87	NUM(8)
	Census derived		
QTN3_CMX		95	CHAR(1)
QLIFCMX	Amount paid in premiums for life insurance or other policies which provide benefits in case of death during reference period	96	NUM(8)
	Census derived		
QLIFCMX_		104	CHAR(1)
QOTHCMX	Amount paid in premiums for other types of non-health insurance during reference period	105	NUM(8)

	Census derived		
QOTHCMX_		113	CHAR(1)
INSPTYPE	Property code for insurance CODED	114	CHAR(1)
	1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live		
	2 A second home, vacation home or recreational property		
	3 Unimproved land with no buildings on it or other owned property		
	BLS derived		
INSP_YPE		115	CHAR(1)

**ff. SECTION 14 HOSPITALIZATION AND HEALTH INSURANCE**

PART B Detailed Questions (IHB)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
HHIPDLIB	Policy number	21	CHAR(2)
	CAPI Section 14 (S 14B 1a)		
HHIP_LIB		23	CHAR(1)
HHISTATB	Policy discontinued CODED	24	CHAR(1)
	1 Discontinued		
	CAPI Section 14 (S14B 1b)		
HHIS_ATB		25	CHAR(1)
HHICOVQ	How many CU members are covered by this policy?	26	NUM(2)
	NOTE: When a CU consisting of two or more persons has reported the existence of a policy, but does not answer this question, the value for this variable defaults to 99.		
	CAPI Section 14 (S14B 3)		
HHICOVQ_		28	CHAR(1)
HHIGROUP	Was the policy obtained on an individual or group basis? CODED	29	CHAR(1)
	1 Individually obtained		
	2 Group through place of employment		

3 Group through other organization

CAPI Section 14 (S14B 5)

HHIG\_OUP 30 CHAR(1)

HHIPRMPD 31 CHAR(1)  
 By whom are the premiums paid?  
 CODED  
 1 Entirely by CU members  
 2 Partially by CU members  
 3 Entirely by an employer or union  
 4 Entirely by another group or person outside of CU

CAPI Section 14 (S14B Q6)

HHIP\_MPD 32 CHAR(1)

HHIPRDED 33 CHAR(1)  
 Are any of the premiums paid through payroll deductions?  
 (HHIPRMPD = 1 or 2 only)  
 CODED  
 1 Yes  
 2 No

CAPI Section 14 (S14B Q7)

HHIP\_DED 34 CHAR(1)

HHIRMPD 35 CHAR(1)  
 What period of time is covered by the regular payment?  
 (HHIPRMPD = 1 or 2 only)  
 CODED  
 1 Week  
 2 2 weeks  
 3 Month  
 4 Quarter  
 5 6 months  
 6 Year  
 7 Other

CAPI Section 14 (S14B Q8b)

HHIR\_MPD 36 CHAR(1)

QHI3MCX 37 NUM(8)  
 Amount paid for health insurance premiums during the reference period

Census derived

QHI3MCX\_ 45 CHAR(1)

\*HHIBCBS 46 CHAR(1)  
 Is insurance company Blue Cross/Blue Shield?  
 CODED  
 1 Yes  
 2 No

CAPI Section 14 (S14B 2)

HHIBCBS_		47	CHAR(1)
HHICODE	What type of insurance plan is it? CODED 1 Health maintenance organization 2 Fee for service plan 3 Commercial Medicare supplement 4 Other special purpose plan  CAPI Section 14 (S14B 4a)	48	CHAR(1)
HHICODE_		49	CHAR(1)
HHIPOS	If, except in the case of an emergency, you go to a doctor other than one in the group center or your primary care doctor, without a referral, will the plan pay any of your expenses? (HHICODE = 1 only) CODED 1 Yes 2 No  CAPI Section 14 (S14B 4b)	50	CHAR(1)
HHIPOS_		51	CHAR(1)
HHIFEET	Is this fee for service plan a - ? (HHICODE = 2 only) CODED 1 Traditional Fee for Service Plan 2 Preferred Provider Option Plan  CAPI Section 14 (S14B 4c)	52	CHAR(1)
HHIFEET_		53	CHAR(1)
HHISPECT	Is this special purpose insurance plan - ? (HHICODE = 4 only) CODED 1 Dental insurance 2 Vision insurance 3 Prescription drug insurance 4 Mental health insurance 5 Dread disease policy 6 Other type of special purpose health insurance  CAPI Section 14 (S14B 4d)	54	CHAR(1)
HHIS_ECT		55	CHAR(1)

**gg. SECTION 14 HOSPITALIZATION AND HEALTH INSURANCE**

PART C Medicare, Medicaid and Other Health Insurance Plans Not Directly Paid For By The CU (IHC)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
HHMCRENR	Are you (or any members of your CU) presently enrolled in Medicare or have you (or any members of your CU) been enrolled since the 1st of <i>(month, 3 months ago)</i> ? Medicare is the Federal Health Insurance Plan. CODED 1 Yes 2 No  CAPI Section 14 (S14C 1a)	21	CHAR(1)
HHMC_ENR		22	CHAR(1)
HHMCRCOV	How many members of your CU are covered by Medicare? (HHMCRENR = 1 only)  CAPI Section 14 (S14C 1b)	23	NUM(2)
HHMC_COV		25	CHAR(1)
MDCDENR	Is anyone in your CU enrolled in Medicaid or has anyone in your CU been enrolled since the 1st of <i>(month, 3 months ago)</i> ?? CODED 1 Yes 2 No  CAPI Section 14 (S14C 2a)	71	CHAR(1)
MDCDENR_		72	CHAR(1)
MDCDCOV	How many members of your CU are covered by Medicaid? (MDCDENR = 1 ONLY)  CAPI Section 14 (S14C 2b)	73	NUM(2)
MDCDCOV_		75	CHAR(1)
OTHPLAN	Are you (or any members of CU) covered by any plan other than Medicare or Medicaid which provides free health care such as CHAMPUS, military health care, or TRI-CARE? CODED 1 Yes 2 No  CAPI Section 14 (S14C 3)	121	CHAR(1)
OTHPLAN_		122	CHAR(1)

QCUMED1X	CU's combined Medicare cost in month 1? Census derived	123	NUM(9,2)
QCUM_D1X		132	CHAR(1)
QCUMED2X	CU's combined Medicare cost in month 2? Census derived	133	NUM(9,2)
QCUM_D2X		142	CHAR(1)
QCUMED3X	CU's combined Medicare cost in month 3? Census derived	143	NUM(9,2)
QCUM_D3X		152	CHAR(1)

**hh. SECTION 15 MEDICAL AND HEALTH EXPENDITURES**

PART B Payments For Medical Expenses (MDB)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*MEDPCARY	Item code (Payment) CODED	21	CHAR(3)
	110 Eye examinations, treatment, or surgery		
	120 Purchase of eye glasses or contact lenses		
	130 Combined eye care services (110, 120)		
	200 Dental care		
	310 Hospital room		
	320 Hospital services		
	330 Combined hospital room and services (310, 320)		
	410 Services by medical professionals other than physician		
	420 Physician services		
	430 Combined hospital care and physicians' services (310, 320, 410, 420)		
	510 Lab tests or x-rays		
	520 Care in convalescent or nursing home		
	530 Other medical care		
	540 Combined medical care services (510-530)		
	610 Hearing aids		
	620 Prescribed medicines or prescribed drugs		
	630 Rental of supportive or convalescent equipment		
	640 Purchase of supportive or convalescent equipment		
	650 Rental of medical or surgical equipment for general use		
	660 Purchase of medical or surgical equipment for general use		
	670 Combined medicine and medical supplies (610-660)		

CODED  
 \*900 Combined expense (any item in section/part) **[N(Y032)]**

S15B col. a

MEDP_ARY		24	CHAR(1)
MEDPGFTC	Was the person who received the care a CU member? CODED 1 Yes 2 No	25	CHAR(1)
	CAPI Section 15 (S15B col. b)		
MEDP_FTC		26	CHAR(1)
MEDPMTMO	In what month was (were) the payment(s) made?  CAPI Section 15 (S15B col. c)	27	CHAR(2)
MEDP_TMO		29	CHAR(1)
MEDPMTX	What was the amount of the payment?  CAPI Section 15 (S15B col. d)	30	NUM(8)
MEDPMTX_		38	CHAR(1)
*MEDPCY1	If MEDPCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDPCARY  CAPI Section 15 <b>N(Y032)</b>	39	CHAR(3)
*MEDPCY1_	<b>N(Y032)</b>	42	CHAR(1)
*MEDPCY2	Same as MEDPCY1, but contains the second item mentioned  CAPI Section 15 <b>N(Y032)</b>	43	CHAR(3)
*MEDPCY2_	<b>N(Y032)</b>	46	CHAR(1)
*MEDPCY3	Same as MEDPCY1, but contains the third item mentioned  CAPI Section 15 <b>N(Y032)</b>	47	CHAR(3)
*MEDPCY3_	<b>N(Y032)</b>	50	CHAR(1)
*MEDPCY4	Same as MEDPCY1, but contains the fourth item mentioned  CAPI Section 15 <b>N(Y032)</b>	51	CHAR(3)
*MEDPCY4_	<b>N(Y032)</b>	54	CHAR(1)

*MEDPCY5	Same as MEDPCY1, but contains the fifth item mentioned CAPI Section 15 <b>N(Y032)</b>	55	CHAR(3)
*MEDPCY5_	<b>N(Y032)</b>	58	CHAR(1)
*MEDPCY6	Same as MEDPCY1, but contains the sixth item mentioned CAPI Section 15 <b>N(Y032)</b>	59	CHAR(3)
*MEDPCY6_	<b>N(Y032)</b>	62	CHAR(1)
*MEDPCY7	Same as MEDPCY1, but contains the seventh item mentioned CAPI Section 15 <b>N(Y032)</b>	63	CHAR(3)
*MEDPCY7_	<b>N(Y032)</b>	66	CHAR(1)
*MEDPCY8	Same as MEDPCY1, but contains the eighth item mentioned CAPI Section 15 <b>N(Y032)</b>	67	CHAR(3)
*MEDPCY8_	<b>N(Y032)</b>	70	CHAR(1)
*MEDPCY9	Same as MEDPCY1, but contains the ninth item mentioned CAPI Section 15 <b>N(Y032)</b>	71	CHAR(3)
*MEDPCY9_	<b>N(Y032)</b>	74	CHAR(1)

ii. **SECTION 15 MEDICAL AND HEALTH EXPENDITURES**

PART D Reimbursements For Medical Expenses (MDC)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*MEDRCARY	Item code (Reimbursement) CODED 110 Eye examinations, treatment, or surgery 120 Purchase of eye glasses or contact lenses 130 Combined eye care services (110, 120) 200 Dental care 310 Hospital room 320 Hospital services	21	CHAR(3)

- 330 Combined hospital room and services (310,320)
  - 410 Services by medical professionals other than physician
  - 420 Physician services
  - 430 Combined hospital care and physicians' services (310, 320, 410, 420)
  - 510 Lab tests and x-rays
  - 520 Care in convalescent or nursing home
  - 530 Other medical care
  - 540 Combined medical care services (510-530)
  - 610 Hearing aids
  - 620 Prescribed medicines or prescribed drugs
  - 630 Rental of supportive or convalescent equipment
  - 640 Purchase of supportive or convalescent equipment
  - 650 Rental of medical or surgical equipment for general use
  - 660 Purchase of medical or surgical equipment for general use
  - 670 Combined medicine and medical supplies (610-660)
- CODED
- \*900 Combined expense (any section/part) **[N(Y032)]**

CAPI Section 15 (S15D col. a)

MEDR_ARY		24	CHAR(1)
MEDRGFTC	Was the person who received the care a CU member?	25	CHAR(1)
	CODED		
	1 Yes		
	2 No		

CAPI Section 15 (S15D col. b)

MEDR_FTC		26	CHAR(1)
MEDRMBMO	In what month was (were) the reimbursement(s) received?	27	CHAR(2)

CAPI Section 15 (S15D col. c)

MEDR_BMO		29	CHAR(1)
MEDRMBX	What was the amount of the reimbursement?	30	NUM(8)

CAPI Section 15 (S15D col. d)

MEDRMBX_		38	CHAR (1)
*MEDRCY1	If MEDRCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDRCARY	39	CHAR(3)
	CAPI Section 15		
	<b>N(Y032)</b>		
*MEDRCY1_	<b>N(Y032)</b>	42	CHAR(1)
*MEDRCY2	Same as MEDRCY1, but contains the second item mentioned	43	CHAR(3)

	CAPI Section 15 <b>N(Y032)</b>		
*MEDRCY2_	<b>N(Y032)</b>	46	CHAR(1)
*MEDRCY3	Same as MEDRCY1, but contains the third item mentioned	47	CHAR(3)
	CAPI Section 15 <b>N(Y032)</b>		
*MEDRCY3_	<b>N(Y032)</b>	50	CHAR(1)
*MEDRCY4	Same as MEDRCY1, but contains the fourth item mentioned	51	CHAR(3)
	CAPI Section 15 <b>N(Y032)</b>		
*MEDRCY4_	<b>N(Y032)</b>	54	CHAR(1)
*MEDRCY5	Same as MEDRCY1, but contains the fifth item mentioned	55	CHAR(3)
	CAPI Section 15 <b>N(Y032)</b>		
*MEDRCY5_	<b>N(Y032)</b>	58	CHAR(1)
*MEDRCY6	Same as MEDRCY1, but contains the sixth item mentioned	59	CHAR(3)
	CAPI Section 15 <b>N(Y032)</b>		
*MEDRCY6_	<b>N(Y032)</b>	62	CHAR(1)
*MEDRCY7	Same as MEDRCY1, but contains the seventh item mentioned	63	CHAR(3)
	CAPI Section 15 <b>N(Y032)</b>		
*MEDRCY7_	<b>N(Y032)</b>	66	CHAR(1)
*MEDRCY8	Same as MEDRCY1, but contains the eighth item mentioned	67	CHAR(3)
	CAPI Section 15 <b>N(Y032)</b>		
*MEDRCY8_	<b>N(Y032)</b>	70	CHAR(1)
*MEDRCY9	Same as MEDRCY1, but contains the ninth item mentioned	71	CHAR(3)
	CAPI Section 15 <b>N(Y032)</b>		
*MEDRCY9_	<b>N(Y032)</b>	74	CHAR(1)

**jj. SECTION 16 EDUCATIONAL EXPENSES (EDA)**

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*EDUC_AY	Item code  CODED 100 Recreational lessons or other instructions for members of this CU or other persons 200 Nursery school or child day care centers for members of this CU or other persons 300 Tuition 310 Housing while attending school 320 Food or board while attending school 330 Combined room and board (310, 320) 340 Private school bus (previously captured in the XPB file under PRIVBUSX 350 Purchase of any school books, supplies, or equipment which has not already been reported 360 Other school related expenses not already reported. (Now includes rental of any school books or equipment not already reported, previous code 340). 370 Combined expenses for books and tuition (300, 340-350) 380 Other combined educational expenses (not previously reported) (100-320, 340-360)  CODED *335 Combined tuition room and board (300, 310, 320) <b>[N(Y032)]</b>  CAPI Section 16 (S16 col. b)	21	CHAR(3)
EDUC_AY_		24	CHAR(1)
EDUCGFTC	Who was the educational expense for? CODED 01-98 CU member (MEMBNO from MEMB file) 99 Someone outside CU  CAPI Section 16 (S16 col. d)	25	CHAR(2)
EDUC_FTC		27	CHAR(1)
EDSCHL_A	What kind of school was it? CODED 1 College or university 2 Elementary or high school 3 Child day care center 4 Nursery school or preschool 5 Other school  CAPI Section 16 (S16 col. e)	28	CHAR(1)

EDSC_L_A		29	CHAR(1)
EDMONTHA	In what month was the payment made? CAPI Section 16 (S16 col. f)	30	CHAR(2)
EDMO_THA		32	CHAR(1)
EDREIMBX	How much of the payment was or will be reimbursed? CAPI Section 16 (S16 col. i)	33	NUM(8)
EDRE_MBX		41	CHAR(1)
JEDUCNET	Net amount paid for educational expenses during reference period BLS derived	42	NUM(8)
JEDU_NET		50	CHAR(1)
*EDUC_A_1	If EDUC_AY = 380, then EDUC_A1 will contain the first code mentioned of the multiple items indicated in EDUC_AY CAPI Section 16 <b>N(Y032)</b>	51	CHAR(3)
*EDUC_A_1_	<b>N(Y032)</b>	54	CHAR(1)
*EDUC_A_2	Same as EDUC_A1, but contains the second item mentioned CAPI Section 16 <b>N(Y032)</b>	55	CHAR(3)
*EDUC_A_2_	<b>N(Y032)</b>	58	CHAR(1)
*EDUC_A_3	Same as EDUC_A1, but contains the third item mentioned CAPI Section 16 <b>N(Y032)</b>	59	CHAR(3)
*EDUC_A_3_	<b>N(Y032)</b>	62	CHAR(1)
*EDUC_A_4	Same as EDUC_A1, but contains the fourth item mentioned CAPI Section 16 <b>N(Y032)</b>	63	CHAR(3)
*EDUC_A_4_	<b>N(Y032)</b>	66	CHAR(1)
*EDUC_A_5	Same as EDUC_A1, but contains the fifth item mentioned CAPI Section 16 <b>N(Y032)</b>	67	CHAR(3)

*EDUC_A 5_	<b>N(Y032)</b>	70	CHAR(1)
*EDUC_A 6	Same as EDUC_A1, but contains the sixth item mentioned CAPI Section 16 <b>N(Y032)</b>	71	CHAR(3)
*EDUC_A 6_	<b>N(Y032)</b>	74	CHAR(1)
*EDUC_A 7	Same as EDUC_A1, but contains the seventh item mentioned CAPI Section 16 <b>N(Y032)</b>	75	CHAR(3)
*EDUC_A 7_	<b>N(Y032)</b>	78	CHAR(1)
*EDUC_A 8	Same as EDUC_A1, but contains the eighth item mentioned CAPI Section 16 <b>N(Y032)</b>	79	CHAR(3)
*EDUC_A 8_	<b>N(Y032)</b>	82	CHAR(1)
*EDUC_A 9	Same as EDUC_A1, but contains the ninth item mentioned CAPI Section 16 <b>N(Y032)</b>	83	CHAR(3)
*EDUC_A 9_	<b>N(Y032)</b>	86	CHAR(1)

**kk. SECTION 17 SUBSCRIPTIONS, MEMBERSHIPS, BOOKS, AND ENTERTAINMENT EXPENSES**

PART A Subscriptions and Memberships (SUB)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
S17CODEA	Item code CODED 100 Newspaper delivery 200 Books purchased from a book club 300 Compact discs, tapes, videos, or records purchased from a mail-order club 400 Magazines or periodical subscriptions 500 Theater, concert, opera, or other musical series, season tickets. 600 Season tickets to sporting events 700 Encyclopedias or other sets of reference books 800 Country clubs, health clubs, swimming pools, tennis clubs, social or other recreational organizations 810 Civic, service, or fraternal organizations 820 Credit card membership fees 840 Shopping club membership such as Costco and Sam's 900 Reference books not in sets  CAPI Section 17 (S17A col. b)	21	CHAR(3)
S17C_DEA		24	CHAR(1)
S17GFTCA	Was subscription or membership expense purchased for own use or as a gift? CODED 1 Purchased for CU 2 Purchased for someone outside CU  CAPI Section 17 (S17A col. d)	25	CHAR(1)
S17G_TCA		26	CHAR(1)
QSUB3MCX	Amount paid for subscriptions and memberships during reference period  Census derived	27	NUM(8)
QSUB_MCX		35	CHAR(1)

**II. SECTION 17 SUBSCRIPTIONS, MEMBERSHIPS, BOOKS, AND ENTERTAINMENT EXPENSES**

PART B Books and Entertainment Expenses (ENT)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
QPSF3MCX	Amount paid in fees for participating in sports such as tennis, golf, bowling, or swimming during the reference period  Census derived	21	NUM(8)
QPSF_MCX		29	CHAR(1)
QSSF3MCX	Amount paid for single admissions to spectator sporting events such as football, baseball, hockey, or soccer during the reference period  Census derived	30	NUM(8)
QSSF_MCX		38	CHAR(1)
QEAD3MCX	Amount paid for single admissions to entertainment activities such as movies, plays, operas, or concerts during the reference period  Census derived	39	NUM(8)
QEAD_MCX		47	CHAR(1)
QBK3MCMX	Amount paid for books, including paperbacks, not purchased through a book club during the reference period (excluding encyclopedias or school books)  Census derived	48	NUM(8)
QBK3_CMX		56	CHAR(1)
QMG3MCMX	Amount paid for magazines not included in a subscription during the reference period  Census derived	57	NUM(8)
QMG3_CMX		65	CHAR(1)
QNEW3MCX	Amount paid for single copies of newspapers (non-subscription) during the reference period  Census derived	66	NUM(8)
QNEW_MCX		74	CHAR(1)

QREC3MCX	Amount paid for compact discs, audio tapes, needles, or records other than through a mail-order club during the reference period  Census derived	75	NUM(8)
QREC_MCX		83	CHAR(1)
QFLM3MCX	Amount paid for photographic film during the reference period  Census derived	84	NUM(8)
QFLM_MCX		92	CHAR(1)
QFLP3MCX	Amount paid for film processing during the reference period  Census derived	93	NUM(8)
QFLP_MCX		101	CHAR(1)
QPVD3MCX	Amount paid for purchase of video cassettes, video tapes, or video discs other than through a mail-order club during the reference period  Census derived	102	NUM(8)
QPVD_MCX		110	CHAR(1)
QRVD3MCX	Amount paid for rental of video cassettes, video tapes, or video discs during the reference period  Census derived	111	NUM(8)
QRVD_MCX		119	CHAR(1)

mm. **SECTION 18 TRIPS AND VACATIONS (TRV)**

PART B Trips Paid Entirely By CU  
PART C Partially Reimbursed Trips

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*TYPETRIP	Trip type CODED 1 Visit relatives or friends 2 Business 3 Sightseeing, sports, etc. 4 Any other 5 Day trips  S18A col. c <b>D(Y032)</b>	21	CHAR(1)
*TYPE_RIP	<b>D(Y032)</b>	22	CHAR(1)
WHATPART	In what part of Section 18 of the questionnaire were trip expenses recorded? CODED 1 Part B 2 Part C  BLS derived	23	CHAR(1)
WHAT_ART		24	CHAR(1)
TRIPIDBC	Trip identification number  CAPI Section 18 (S18B/C 1a)	25	NUM(2)
TRIP_DBC		27	CHAR(1)
NUMSAME	Number of identical trips  S18B/C 1c	28	NUM(2)
NUMSAME_		30	CHAR(1)
EOTRIPMO	Month ended CODED 01-12 January-December 13 Trip not yet ended  CAPI Section 18 (S18B/C 1d)	31	CHAR(2)
EOTR_PMO		33	CHAR(1)

NUMNIGHT	How many nights did you (or any members of your CU) spend away from home on this trip?  CAPI Section 18 (S18B/C 1g)	34	NUM(3)
NUMN_GHT		37	CHAR(1)
FOODDEAL	Did the package deal include food and beverages? CODED 1 Yes 2 No  CAPI Section 18 (S18B/C 2b)	38	CHAR(1)
FOOD_EAL		39	CHAR(1)
LODGDEAL	Did the package deal include lodging? CODED 1 Yes 2 No  CAPI Section 18 (S18B/C 2b)	40	CHAR(1)
LODG_EAL		41	CHAR(1)
TRANDEAL	Did the package deal include transportation? CODED 1 Yes 2 No  CAPI Section 18 (S18B/C 2b)	42	CHAR(1)
TRAN_EAL		43	CHAR(1)
ELSEDEAL	Did the package deal include anything else? CODED 1 Yes 2 No  CAPI Section 18 (S18B/C 2b)	44	CHAR(1)
ELSE_EAL		45	CHAR(1)
CMLOCALY	Starting at the beginning of this trip, please tell me all the kinds of transportation you (or any members of your CU) used from the time you (they) left home to the time you (they) got back home. CODED 01 Local (taxi, etc.)  CAPI Section 18 (S18B/C 3a)	46	CHAR(2)
CMLO_ALY		48	CHAR(1)

CMPLANEY	See CMLOCALY for question and source. CODED 02 Commercial airplane	49	CHAR(2)
CMPL_NEY		51	CHAR(1)
CMTRAINY	See CMLOCALY for question and source. CODED 03 Train	52	CHAR(2)
CMTR_INY		54	CHAR(1)
CMBUSY	See CMLOCALY for question and source. CODED 04 Bus	55	CHAR(2)
CMBUSY_		57	CHAR(1)
CMSHIPY	See CMLOCALY for question and source. CODED 05 Ship	58	CHAR(2)
CMSHIPY_		60	CHAR(1)
RTCARY	See CMLOCALY for question and source. CODED 06 Rented car or jeep	61	CHAR(2)
RTCARY_		63	CHAR(1)
RTTRUCKY	See CMLOCALY for question and source. CODED 07 Rented truck or van	64	CHAR(2)
RTTR_CKY		66	CHAR(1)
RTMOPEDY	See CMLOCALY for question and source. CODED 08 Rented motorcycle or moped	67	CHAR(2)
RTMO_EDY		69	CHAR(1)
RTPLANEY	See CMLOCALY for question and source. CODED 09 Rented private plane	70	CHAR(2)
RTPL_NEY		72	CHAR(1)
RTBOATY	See CMLOCALY for question and source. CODED 10 Rented boat or trailer	73	CHAR(2)
RTBOATY_		75	CHAR(1)

RTCAMPY	See CMLOCALY for question and source. CODED 11 Rented camper	76	CHAR(2)
RTCAMPY_		78	CHAR(1)
RTOTHERY	See CMLOCALY for question and source. CODED 12 Other rented vehicles	79	CHAR(2)
RTOT_ERY		81	CHAR(1)
PVCARY	See CMLOCALY for question and source. CODED 13 Car owned by CU	82	CHAR(2)
PVCARY_		84	CHAR(1)
PVLEASEY	See CMLOCALY for question and source. CODED 14 Vehicle leased by CU	85	CHAR(2)
PVLE_SEY		87	CHAR(1)
PVOTHERY	See CMLOCALY for question and source. CODED 15 Other vehicle owned by CU	88	CHAR(2)
PVOT_ERY		90	CHAR(1)
PVELSEY	See CMLOCALY for question and source. CODED 16 Vehicle owned by someone else	91	CHAR(2)
PVELSEY_		93	CHAR(1)
PVTRANSY	See CMLOCALY for question and source. CODED 17 Other transport	94	CHAR(2)
PVTR_NSY		96	CHAR(1)
CMLOCALX	Amount spent for local transportation (taxi, etc.)  BLS derived	97	NUM(8)
CMLO_ALX		105	CHAR(1)
CMPLANEX	Amount spent for commercial airplanes  BLS derived	106	NUM(8)
CMPL_NEX		114	CHAR(1)

CMTRAINX	Amount spent for trains BLS derived	115	NUM(8)
CMTR_INX		123	CHAR(1)
CMBUSX	Amount spent for buses BLS derived	124	NUM(8)
CMBUSX_		132	CHAR(1)
CMSHIPX	Amount spent for ships BLS derived	133	NUM(8)
CMSHIPX_		141	CHAR(1)
RTCARX	Amount spent for rented cars or jeeps not including gas you (or any members of your CU) bought BLS derived	142	NUM(8)
RTCARX_		150	CHAR(1)
RTTRUCKX	Amount spent for rented trucks or vans not including gas you (or any members of your CU) bought BLS derived	151	NUM(8)
RTTR_CKX		159	CHAR(1)
RTMOPEDX	Amount spent for rented motorcycles or mopeds not including gas you (or any members of your CU) bought BLS derived	160	NUM(8)
RTMO_EDX		168	CHAR(1)
RTPLANEX	Amount spent for rented private planes not including gas you (or any members of your CU) bought BLS derived	169	NUM(8)
RTPL_NEX		177	CHAR(1)
RTBOATX	Amount spent for rented boats or trailers not including gas you (or any members of your CU) bought BLS derived	178	NUM(8)
RTBOATX_		186	CHAR(1)
RTCAMPX	Amount spent for rented campers not including gas you (or any members of your CU) bought BLS derived	187	NUM(8)

RTCAMPX_		195	CHAR(1)
RTOTHERX	Amount spent for other rented vehicles not including gas you (or any members of your CU) bought	196	NUM(8)
	BLS derived		
RTOT_ERX		204	CHAR(1)
GASOILX	How much did you (or any members of your CU) spend for gasoline, oil, diesel fuel, or any other fuels?	205	NUM(8)
	CAPI Section 18 (S18B/C 5b)		
GASOILX_		213	CHAR(1)
TRPTOLLX	How much did you (or any members of your CU) spend for tolls?	214	NUM(6)
	CAPI Section 18 (S18B/C 5d)		
TRPT_LLX		220	CHAR(1)
PARKINGX	How much did you (or any members of your CU) spend for parking fees?	221	NUM(8)
	CAPI Section 18 (S18B/C 5f)		
PARK_NGX		229	CHAR(1)
LDGCOSTX	Cost for hotels, motels, cottages, trailer camps, or other lodging, including taxes and tips	230	NUM(8)
	BLS derived		
LDGC_STX		238	CHAR(1)
TRPALCHX	Cost for alcoholic beverages at restaurants, bars, or fast food places, including taxes and tips	239	NUM(6)
	BLS derived		
TRPA_CHX		245	CHAR(1)
TRPALCGX	What was the cost for alcoholic beverages at grocery stores, convenience stores, or liquor stores, including taxes?	246	NUM(8)
	S18B/C 8d		
TRPA_CGX		254	CHAR(1)
TRPSRPTX	Amount paid to rent sports equipment	255	NUM(6)
	BLS derived		
TRPS_RTX		261	CHAR(1)

TRSPORTX	Amount paid in fees to play sports or exercise BLS derived	262	NUM(6)
TRSP_RTX		268	CHAR(1)
TRPETRTX	Amount spent for entertainment or admissions BLS derived	269	NUM(6)
TRPE_RTX		275	CHAR(1)
TRMISCX	How much were expenses for souvenirs, passports, tourist booklets, and so on? CAPI Section 18 (S18B/C 12b)	276	NUM(6)
TRMISCX_		282	CHAR(1)
FOODOUTS	Did the trip expenses include anything for food and beverages for anyone outside your CU? CODED 1 Yes 2 No CAPI Section 18 (S18B/C 13b)	283	CHAR(1)
FOOD_UTS		284	CHAR(1)
LODGOUTS	Did the trip expenses include anything for lodging for anyone outside your CU? CODED 1 Yes 2 No CAPI Section 18 (S18B/C 13b)	285	CHAR(1)
LODG_UTS		286	CHAR(1)
TRANOUTS	Did the trip expenses include anything for transportation for anyone outside your CU? CODED 1 Yes 2 No CAPI Section 18 (S18B/C 13b)	287	CHAR(1)
TRAN_UTS		288	CHAR(1)

ELSEOUTS	Did the trip expenses include anything for other expenses for anyone outside your CU? CODED 1 Yes 2 No  CAPI Section 18 (S18B/C 13b)	289	CHAR(1)
ELSE_UTS		290	CHAR(1)
TRPGFTCX	How much of the total expenses for this trip were for persons outside your CU?  CAPI Section 18 (S18B/C 13c)	291	NUM(6)
TRPG_TCX		297	CHAR(1)
QTRFLAX	Cost of meals, snacks, or drinks at restaurants, bars, or fast food places, excluding alcoholic beverages  Census derived	298	NUM(8)
QTRFLAX_		306	CHAR(1)
QTRGLAX	Cost of food or beverages at grocery stores, convenience stores, or liquor stores, excluding alcoholic beverages  Census derived	307	NUM(8)
QTRGLAX_		315	CHAR(1)

**nn. SECTION 18 TRIPS AND VACATIONS**

PART D 100% Reimbursed Trips (TRD)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
NUMYUPD	Number of trips ENTIRELY paid for by NON-CU members  CAPI Section 18 (S18D 1)	21	NUM(2)
NUMYUPD_		23	CHAR(1)
TOTYUPDX	What was the total amount of expenses on this (these trips) that will not be covered by a business, employer, or other non-CU member?  CAPI Section 18 (S18D 2c)	24	NUM(8)
TOTY_PDX		32	CHAR(1)

TOTYUPDY	Type of expense paid by CU CODED	33	CHAR(3)
	100 Meals at restaurant minus alcohol		
	110 Alcohol		
	120 Gasoline and oil		
	130 Lodging		
	140 Highway tolls		
	150 Plane fare		
	160 Train fare		
	170 Bus fare		
	180 Ship fare		
	190 Taxi fare		
	200 Miscellaneous expenses		
	210 Entertainment expenses		
	220 Sports expenses		

BLS derived

TOTY_PDY		36	CHAR(1)
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**oo. SECTION 18 TRIPS AND VACATIONS**

PART E Trip Expenses for Non-CU Members (TRE)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NUMNONCU	Since the 1st of ( <i>month, three months ago</i> ), how many trips have you (has your CU) paid in full or in part for any non-CU members?  CAPI Section 18 (S18E 1b)	21	NUM(2)
NUMN_NCU		23	CHAR(1)
TRNONCUX	What was the total amount that you (your CU) paid for that trip (those trips)?  BLS derived	24	NUM(8)
TRNO_CUX		32	CHAR(1)

TRNONCUY	Type of expense paid for non-CU members CODED	33	CHAR(3)
	100 Meals at restaurant minus alcohol		
	110 Alcohol		
	120 Gasoline and oil		
	130 Lodging		
	140 Highway tolls		
	150 Plane fare		
	160 Train fare		
	170 Bus fare		
	180 Ship fare		
	190 Taxi fare		
	200 Miscellaneous expenses		
	210 Entertainment expenses		
	220 Sports expenses		

BLS derived

TRNO_CUY		36	CHAR(1)
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**pp. SECTION 18 TRIPS AND VACATIONS**

PART F Local Overnight Stays (TRF)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
NUMLOC	How many nights did you (or any members of your CU) spend away from home on this stay?	21	NUM(2)
	CAPI Section 18 (S18F 2)		
NUMLOC_		23	CHAR(1)
LOCLODGX	Cost for hotels, motels, cottages, trailer camps, or other lodging, including taxes and tips	24	NUM(8)
	BLS derived		
LOCL_DGX		32	CHAR(1)
ALCMEALX	Cost for alcoholic beverages at restaurants, bars, or fast food places, including taxes and tips	33	NUM(8)
	BLS derived		
ALCM_ALX		41	CHAR(1)
ALCGROCX	What was the cost for alcoholic beverages at grocery stores, convenience stores, or liquor stores, including taxes?	42	NUM(8)

	CAPI Section 18 (S18F 6d)		
ALCG_OCX		50	CHAR(1)
LOCADMSX	Amount paid for entertainment or admissions	51	NUM(8)
	BLS derived		
LOCA_MSX		59	CHAR(1)
FOODLCDL	Did the package deal include anything for food and beverages? CODED 1 Yes 2 No	60	CHAR(1)
	CAPI Section 18 (S18F 3b)		
FOOD_CDL		61	CHAR(1)
LODGLCDL	Did the package deal include anything for lodging? CODED 1 Yes 2 No	62	CHAR(1)
	CAPI Section 18 (S18F 3b)		
LODG_CDL		63	CHAR(1)
ENTRLCDL	Did the package deal include anything for entertainment? CODED 1 Yes 2 No	64	CHAR(1)
	CAPI Section 18 (S18F 3b)		
ENTR_CDL		65	CHAR(1)
ELSELCDL	Did the package deal include anything for anything else? CODED 1 Yes 2 No	66	CHAR(1)
	CAPI Section 18 (S18F 3b)		
ELSE_CDL		67	CHAR(1)
QLCMLAX	Cost of meals, snacks, or drinks at restaurants, bars, or fast food places, excluding alcoholic beverages	68	NUM(8)
	Census derived		
QLCMLAX_		76	CHAR(1)
QLCGLAX	Cost of food or beverages at grocery stores, convenience stores, or liquor stores, excluding alcoholic beverages	77	NUM(8)

Census derived

QLCGLAX\_

85 CHAR(1)

**qq. SECTION 19 MISCELLANEOUS EXPENSES**

Part A Miscellaneous Expenses (MIS)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*MISCCODE	Item code CODED	21	CHAR(3)
	100 Funerals, burials or cremation		
	110 Purchase or upkeep of cemetery lots or vaults		
	120 Combined funeral and cemetery expenses (100, 110)		
	130 Catered affairs		
	140 Fresh flowers or potted plants		
	150 Legal fees (excluding real estate closing costs)		
	160 Accounting fees		
	170 Gardening or lawn care services		
	180 Housekeeping services		
	190 Babysitting or other child care in your own home		
	200 Care for invalids, convalescents, handicapped or elderly persons in the home		
	210 Other home services and small repair jobs around the house, not previously reported		
	220 Babysitting or other child care in someone else's home		
	230 Moving, storage and freight express		
	240 Purchases of pets, pet supplies and medicine for pets		
	250 Pet services		
	260 Veterinarian expenses for pets		
	290 TV computer games and computer game software		
	300 Hand held computer games and computer board games		
	330 Toys and games		
	340 Hobbies		
	350 Adult day care centers		
	360 Professional photography fees		
	370 Home security system service fees		
	380 Occupational expenses		
	390 Lotteries and games of chance		
	CODED		
	*265 Combined pets/pet supplies/medicine for pets, pet services and veterinarian expenses (240, 250, 260) [N(Y032)]		
	*345 Combined TV computer games/computer game software, hand held computer games/computer board games, toys/games and hobbies (290, 300, 330, 340) [N(Y032)]		

MISC_ODE	CAPI Section 19 (S 19A col. c)	24	CHAR(1)
MISCMO	In what month did you have this expense? CODED 01-12 January-December 13 Continuous expense	25	CHAR(2)
MISCMO_	CAPI Section 19 (S 19A col. d)	27	CHAR(1)
MISCGFTC	Was this expense for your CU or someone outside of your CU? CODED 1 For CU 2 For someone outside your CU	28	CHAR(1)
MISC_FTC	CAPI Section 19 (S 19A col. e)	29	CHAR(1)
MISCEXPX	What was the total amount of the expense?	30	NUM(6)
MISC_XPX	CAPI Section 19 (S 19A col. f)	36	CHAR(1)
*MISCDE1	If MISCCODE = 265 or 345, then MISCDE1 will contain the first code mentioned of the multiple items indicated in MISCCODE	37	CHAR(3)
*MISCDE1_	CAPI Section 19 <b>N(Y032)</b>	40	CHAR(1)
*MISCDE2	Same as MISCDE1, but contains the second item mentioned	41	CHAR(3)
*MISCDE2_	CAPI Section 19 <b>N(Y032)</b>	44	CHAR(1)
*MISCDE3	Same as MISCDE1, but contains the third item mentioned	45	CHAR(3)
*MISCDE3_	CAPI Section 19 <b>N(Y032)</b>	48	CHAR(1)
*MISCDE4	Same as MISCDE1, but contains the fourth item mentioned	49	CHAR(3)
*MISCDE4_	CAPI Section 19 <b>N(Y032)</b>	52	CHAR(1)

*MISCDE5	Same as MISCDE1, but contains the fifth item mentioned CAPI Section 19 <b>N(Y032)</b>	53	CHAR(3)
*MISCDE5_	<b>N(Y032)</b>	56	CHAR(1)
*MISCDE6	Same as MISCDE1, but contains the sixth item mentioned CAPI Section 19 <b>N(Y032)</b>	57	CHAR(3)
*MISCDE6_	<b>N(Y032)</b>	60	CHAR(1)
*MISCDE7	Same as MISCDE1, but contains the seventh item mentioned CAPI Section 19 <b>N(Y032)</b>	61	CHAR(3)
*MISCDE7_	<b>N(Y032)</b>	64	CHAR(1)
*MISCDE8	Same as MISCDE1, but contains the eighth item mentioned CAPI Section 19 <b>N(Y032)</b>	65	CHAR(3)
*MISCDE8_	<b>N(Y032)</b>	68	CHAR(1)
*MISCDE9	Same as MISCDE1, but contains the ninth item mentioned CAPI Section 19 <b>N(Y032)</b>	69	CHAR(3)
*MISCDE9_	<b>N(Y032)</b>	72	CHAR(1)

rr. **SECTION 19 MISCELLANEOUS EXPENSES**

Part B Contributions (CNT)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
-----------------	-------------------------	---------------------------	---------------

CONTCODE	Contributions Item code CODED 100 College student living away from home 110 Child support 120 Alimony 130 Educational institutions 140 Political organizations 150 Religious organizations 160 Charities and all other organizations 170 Any and all other persons not in your CU 180 Given stocks, bonds, or mutual funds to persons or organizations outside your CU  CAPI Section 19 (S 19B 1c)	21	CHAR(3)
CONT_ODE		24	CHAR(1)
CONTMO	CODED 01-12 month of payment/contribution 13 continuing expense  CAPI Section 19 (S 19B 1d)	25	CHAR(2)
CONTMO_		27	CHAR(1)
CONTEXPX	Amount of contribution  CAPI Section 19 (S 19B 1e)	28	NUM(8)
CONT_XPX		36	CHAR(1)

**ss. SECTION 20 EXPENSE PATTERNS FOR FOOD, BEVERAGES, AND OTHER SELECTED ITEMS**

PART A Food and Beverages (XPA)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
JMKPURQV	Quarterly expenditure at the grocery store or supermarket  BLS derived	21	NUM(8)
JMKP_RQV		29	CHAR(1)
JNONFDQV	Quarterly expenditure for nonfood items, such as paper products, detergents, home cleaning supplies, pet foods, and alcoholic beverages at the grocery store or supermarket  BLS derived	30	NUM(8)

JNON_DQV		38	CHAR(1)
JOTHSTQV	Quarterly expenditure for food or nonalcoholic beverages from places other than grocery stores, such as home delivery, specialty stores, bakeries, convenience stores, dairy stores, vegetable stands, or farmers' markets	39	NUM(8)
	BLS derived		
JOTH_TQV		47	CHAR(1)
JBRWINQV	Quarterly expenditure for beer and wine to be served at home	48	NUM(8)
	BLS derived		
JBRW_NQV		56	CHAR(1)
JOTHALQV	Quarterly expenditure for other alcoholic beverages to be served at home	57	NUM(8)
	BLS derived		
JOTH_LQV		65	CHAR(1)
JDINEOQV	Quarterly expenditure for dinners, other meals, or snacks in restaurants, cafeterias, cafes, drive-ins, or other such places	66	NUM(8)
	BLS derived		
JDIN_OQV		74	CHAR(1)
JALOUTQV	Quarterly expenditure for any alcoholic beverages in restaurants, taverns, or cocktail lounges	75	NUM(8)
	BLS derived		
JALO_TQV		83	CHAR(1)
JBRDQV	Quarterly expenditure for board not received in a boarding house	84	NUM(8)
	BLS derived		
JBRDQV_		92	CHAR(1)
JMLPAYQV	Quarterly value of any free meals at work as part of your pay	93	NUM(8)
	BLS derived		
JMLP_YQV		101	CHAR(1)
JMEALPYA	Annual value of any free meals at work as part of your pay (JMLPAYQV * 4)	102	NUM(8)
	BLS derived		
JMEA_PYA		110	CHAR(1)

JSCHMLQV	Quarterly expenditure for any meals at school or in a preschool program for preschool or school age children (summed across all members)	111	NUM(8)
	BLS derived		
JSCH_LQV		119	CHAR(1)
JMKGRCQV	Quarterly expenditure for food and nonalcoholic beverages at the grocery store or supermarket (JMKPURQV - JNONFDQV)	120	NUM(8)
	BLS derived		
JMKG_CQV		128	CHAR(1)
FREEFOOD	Have you (or any members of your CU) received any free food, beverages, or meals through public or private welfare agencies, including religious organizations? (Exclude free meals in school or preschool programs.)	129	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 20 (S 20A 7)		
FREE_OOD		130	CHAR(1)

**tt. SECTION 20 EXPENSE PATTERNS FOR FOOD, BEVERAGES, AND OTHER SELECTED ITEMS**

PART B Selected Services and Goods (XPB)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
OTHLNDRX	What was the cost for coin-operated laundry or dry cleaning machines for items other than clothes?	27	NUM(5)
	CAPI Section 20 (S 20B 1d)		
OTHL_DRX		32	CHAR(1)
OTHDCLNX	What was the cost for items other than clothes sent to the dry cleaners or laundry?	33	NUM(4)
	CAPI Section 20 (S 20B 2d)		
OTHD_LNX		37	CHAR(1)

SAFDPSTX	What was the total rental expense for a safe deposit box in a bank or a similar financial institution since the 1st of ( <i>month, 3 months ago</i> )?  CAPI Section 20 (S 20B 5b)	38	NUM(3)
SAFD_STX		41	CHAR(1)
TXLIMX	Since the 1st of ( <i>month, 3 months ago</i> ), what was the total expense for taxis or limousine service for non-business purposes, except those used while on a trip?  CAPI Section 20 (S 20B 7b)	42	NUM(4)
TXLIMX_		46	CHAR(1)
JLDRYNET	Cost for coin-operated laundry or dry cleaning machines for clothing items  BLS derived	61	NUM(8)
JLDR_NET		69	CHAR(1)
JDRYCNET	Cost for services at the dry cleaners or laundry for clothing items  BLS derived	70	NUM(8)
JDRY_NET		78	CHAR(1)
JCIGARQV	Quarterly expenditure for cigarettes  BLS derived	79	NUM(8)
JCIG_RQV		87	CHAR(1)
JOTBACQV	Quarterly expenditure for cigars, pipe tobacco, or other tobaccos, including chewing tobacco  BLS derived	88	NUM(8)
JOTB_CQV		96	CHAR(1)
JBNKSCQV	Quarterly charges for checking accounts or other banking services  BLS derived	115	NUM(8)
JBNK_CQV		123	CHAR(1)
JTRANWQV	Usual quarterly cost of mass transit to go to work  BLS derived	124	NUM(8)
JTRA_WQV		132	CHAR(1)
JTRANSQV	Usual quarterly cost of mass transit to go to school	133	NUM(8)

	BLS derived		
JTRA_SQV		141	CHAR(1)
JTRANOQV	Usual quarterly cost of mass transit to go to other places	142	NUM(8)
	BLS derived		
JTRA_OQV		150	CHAR(1)
HAIRX	Quarterly expense for haircuts, styling, and other related services	160	NUM(6)
	CAPI Section 20 (S 20B 4)		
HAIRX_		166	CHAR(1)

**uu. SECTION 21 CREDIT LIABILITY**

**PART A.1 Credit Balances - Second Quarter Only (FN2)**

(Data collected in second interview and carried forward)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*CREDITR1	Credit source item code CODED	21	CHAR(3)
	*100 Revolving credit accounts, including store, gasoline, and general purpose credit cards, such as Sears, Amoco, Visa, MasterCard, etc. <b>D(Y032)</b>		
	*200 Stores for installment credit accounts <b>D(Y032)</b>		
	*300 Banks and savings and loan companies <b>D(Y032)</b>		
	*400 Credit unions <b>D(Y032)</b>		
	*500 Finance companies <b>D(Y032)</b>		
	*600 Insurance companies <b>D(Y032)</b>		
	*700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance <b>D(Y032)</b>		
	*800 Other credit sources <b>D(Y032)</b>		
	*110 Gas credit cards, such as AMOCO or EXXON <b>N(Y032)</b>		
	*120 Store credit cards, such as those issued by department, specialty, electronics or sporting good stores <b>N(Y032)</b>		
	*130 Major credit cards, such as VISA, Master Card, American Express, or revolving credit accounts <b>N(Y032)</b>		
	*200 Store installment credit accounts <b>N(Y032)</b>		
	*510 Financial institutions, such as banks, brokerages, savings and loans, credit unions, or insurance companies (Do not include insurance premium payments) <b>N(Y032)</b>		
	*700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance <b>N(Y032)</b>		
	*800 Other credit, such as school loans, personal loans, or loans from retirement plans <b>N(Y032)</b>		
	CAPI Section 21 (S21A.1 col. b)		
CRED_TR1		24	CHAR(1)
CREDITX1	On the 1st of <i>(the current month)</i> , how much was owed to <i>(credit source)</i> ? (Do not include mortgage, home equity loans, vehicle loans, or business related loans)	25	NUM(8)
	CAPI Section 21 (S21A.1 col. d)		
CRED_TX1		33	CHAR(1)

vv. **SECTION 21 CREDIT LIABILITY**

PART A.2 Credit Balances - Annual Supplement - Fifth Quarter (FNA)

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*CREDITR5	Credit source item code CODED	21	CHAR(3)
	*100 Revolving credit accounts, including store, gasoline, and general purpose credit cards, such as Sears, Amoco, Visa, MasterCard, etc. <b>D(Y032)</b>		
	*200 Stores for installment credit accounts <b>D(Y032)</b>		
	*300 Banks and savings and loan companies <b>D(Y032)</b>		
	*400 Credit unions <b>D(Y032)</b>		
	*500 Finance companies <b>D(Y032)</b>		
	*600 Insurance companies <b>D(Y032)</b>		
	*700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance <b>D(Y032)</b>		
	*800 Other credit sources <b>D(Y032)</b>		
	*110 Gas credit cards, such as AMOCO or EXXON <b>N(Y032)</b>		
	*120 Store credit cards, such as those issued by department, specialty, electronics or sporting good stores <b>N(Y032)</b>		
	*130 Major credit cards, such as VISA, Master Card, American Express, or revolving credit accounts		
	*200 Store installment credit accounts <b>N(Y032)</b>		
	*510 Financial institutions, such as banks, brokerages, savings and loans, credit unions, or insurance companies (Do not include insurance premium payments) <b>N(Y032)</b>		
	*700 Doctors, dentists, hospitals, or medical practitioners for expenses not covered by insurance <b>N(Y032)</b>		
	*800 Other credit, such as school loans, personal loans, or loans from retirement plans <b>N(Y032)</b>		
	CAPI Section 21 (S21A.2S col. b)		
CRED_TR5		24	CHAR(1)
CREDITX5	On the 1st of ( <i>the current month</i> ), how much was owed to ( <i>credit source</i> )? (Do not include mortgage, home equity loans, vehicle loans, or business related loans)?	25	NUM(8)
	CAPI Section 21 (S21A.2S col. d)		
CRED_TX5		33	CHAR(1)
OWEMONEY	What was the total amount owed on the 1st of ( <i>current month, one year ago</i> )?	34	NUM(8)
	CAPI Section 21 (S21A.2S col. e)		

OWEM\_NEY

42 CHAR(1)

**ww. SECTION 21 CREDIT LIABILITY**

**PART B Finance Charges - Annual Supplement - Fifth Quarter (FNB)**

Positions 1-20 contain the variables QYEAR, NEWID, SEQNO, ALCNO and REC\_ORIG that are common to all sections of EXPN. Descriptions of these variables can be found in Section 1.

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
Finance charges, interest charges, and late fees reported in this section do not apply to mortgages, home equity loans, or vehicle loans.			
*CRDCARDX	During the past 12 months, how much was paid for finance, interest and late charges to revolving credit accounts including store, gasoline, and general purpose credit cards, such as Sears, Amoco, Visa, MasterCard, etc.? (Exclude yearly fees)	21	NUM(6)
	S21B.S a <b>D(Y032)</b>		
*CRDC_RDX	<b>D(Y032)</b>	27	CHAR(1)
INSTALLX	During the past 12 months, how much was paid for finance, interest and late charges to stores for installment credit accounts?	28	NUM(6)
	CAPI Section 21 (S21B.S b)		
INST_LLX		34	CHAR(1)
*BANKX	During the past 12 months, how much was paid for finance, interest and late charges to banks and savings and loans?	35	NUM(6)
	S21B.S c <b>D(Y032)</b>		
*BANKX_	<b>D(Y032)</b>	41	CHAR(1)
*CDUNIONX	During the past 12 months, how much was paid for finance, interest and late charges to credit unions?	42	NUM(6)
	S21B.S d <b>D(Y032)</b>		
*CDUN_ONX	<b>D(Y032)</b>	48	CHAR(1)
*FININT	During the past 12 months, how much was paid for finance, interest and late charges to finance companies?	49	NUM(6)

	S21B.S e <b>D(Y032)</b>		
*FININT_	<b>D(Y032)</b>	55	CHAR(1)
*INSUREX	During the past 12 months, how much was paid for finance, interest and late charges to insurance companies?	56	NUM(6)
	S21B.S f <b>D(Y032)</b>		
*INSUREX_	<b>D(Y032)</b>	62	CHAR(1)
MEDICALX	During the past 12 months, how much was paid for finance, interest and late charges to doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance?	63	NUM(6)
	CAPI Section 21 (S21B.S g)		
MEDI_ALX		69	CHAR(1)
PDOTHERX	During the past 12 months, how much was paid for finance, interest and late charges to other credit sources?	70	NUM(6)
	CAPI Section 21 (S21B.S h)		
PDOT_ERX		76	CHAR(1)
*GASCARDX	Amount of interest charges, finance charges, or late fees paid to gasoline credit cards in the past 12 months.	77	NUM(6)
	CAPI Section 21 <b>N(Y032)</b>		
*GASC_RDX	<b>N(Y032)</b>	83	CHAR(1)
*STRCARDX	Amount of interest charges, finance charges, or late fees paid to store credit cards in the past 12 months.	84	NUM(6)
	CAPI Section 21 <b>N(Y032)</b>		
*STRC_RDX	<b>N(Y032)</b>	90	CHAR(1)
*MAJCARDX	Total amount paid for finance, interest, or late charges to major credit cards or other revolving credit accounts.	91	NUM(6)
	CAPI Section 21 <b>N(Y032)</b>		
*MAJC_RDX	<b>N(Y032)</b>	97	CHAR(1)
*FININSTX	Amount of interest charges, finance charges, or late fees paid to financial institutions in the past 12 months.	98	NUM(6)



**c. VEHicle file**

New vehicle codes were introduced with the CAPI instrument and should be used for vehicle information collected from the 2003q2 on. These codes can be found in the new variables MKMDEL in EXPN Section 10, Part B (Rented and Leased Vehicles – Detailed Questions for Leased Vehicles) and MKMODEL in EXPN Section 11, Part B (Owned Vehicles - Detailed Questions). The previous codes should be used for 2003q1 data with the variables MODEL in EXPN Section 10, Part B (Rented and Leased Vehicles – Detailed Questions for Leased Vehicles) and MKMDLY in EXPN Section 11, Part B (Owned Vehicles - Detailed Questions). The two sets of codes are sourced from different places, so there is no concordance between the two files.

X:\INTRVW02\VEHI03.TXT - 03q1  
X:\INTRVW02\CAPIVEHI03.TXT - 03q2 - 04q1

VEHI03.TXT is formatted as follows

<b>DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
Make/model code	1	CHAR(4)
Make and model	6	CHAR(69)

CAPIVEHI03.TXT is formatted as follows

<b>DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
Make/model code	1	CHAR(5)
Make and model	7	CHAR(32)

**d. Sample program file**

X:\Programs\Intrvw Mean and SE.sas  
X:\Programs\Intrvw Sumvars.sas  
X:\Programs\Integrated Mean and SE.sas

The Intrv Mean and SE program file contains the computer program used in Section VII.A. SAMPLE PROGRAM of the documentation. This file has been created to provide programming assistance.

In addition to the Intrvw Mean and SE.sas program, there are additional sample programs in the Programs folder to provide assistance using different files. The Intrvw Sumvars.sas program uses the summary variables in FMLI file to create calendar year estimates. The Integrated Mean and SE.sas program is used using data from the Diary and Interview files to match the means and standard errors of the published tables.

## IV. TOPCODING AND OTHER NONDISCLOSURE REQUIREMENTS

Sensitive CU data are changed so that users will not be able to identify CUs who participated in the survey. Topcoding refers to the replacement of data in cases where the value of the original data exceeds prescribed critical values. Critical values for each variable containing sensitive data are calculated in accordance with Census Disclosure Review Board guidelines. Each observation that falls outside the critical value is replaced with a topcoded value that represents the mean of the subset of all outlying observations. All five quarters of data in the CE microdata release are used when calculating the critical value and topcode amounts. If an observation is topcoded, the flag variable assigned to that observation is set to 'T'.

Since the critical value and mean of the set of values outside the critical value may differ with each annual (five-quarter) release, the topcode values may change annually and be applied at a different starting point. By topcoding values in this manner, the first moment will be preserved for each five-quarter data release when using the total sample. This, however, will not be the case when means are estimated by characteristic, because topcode values are not calculated by characteristic.

### A. CU CHARACTERISTICS AND INCOME FILE (FMLY)

The following FMLY file variables are subject to topcoding.

AGE_REF	Age of reference person
AGE2	Age of spouse
ALIOTHX	Amount received from other regular contributions including alimony
BSINVSTX	Amount of investment in own farm or business
CHDLMPX	Amount received from lump sum child support payment
CHDOTHX	Amount received from other child support payments
CKBKACTX	Amount in checking, brokerage and other similar accounts
COMPBNDX	Difference in amount held in U.S. Savings bonds
COMPCKGX	Difference in amount held in checking accounts
COMPOWDX	Difference in amount of money owed to CU
COMPSAVX	Difference in amount held in savings accounts
COMPSECX	Difference in estimated market value of all stocks, bonds, or mutual funds including broker fees
FEDRFNDX	Amount of refund received from Federal income tax
FEDTAXX	Amount of Federal income tax paid in addition to that withheld
FININCX	Amount received from regular income from dividends, royalties, estates or trusts
INCLOSSA	Amount of net income or loss received from roomers or boarders
INCLOSSB	Amount of net income or loss received from other rental units
INSRFNDX	Amount of refund received from insurance policies
INTEARNX	Amount received from interest on savings accounts or bonds
LUMPSUMX	Amount received from lump sum receipts
MISCTAXX	Amount of other taxes paid but not reported elsewhere
MONYOWDX	Amount of money owed to CU by persons outside CU
OCCEXPX	Amount of occupational expenses
OTHRFNDX	Amount of refund received from other sources
OTHRINCX	Amount received from other money income
PENSIONX	Amount received from pensions or annuities
PTAXRFDX	Amount of refund received from property taxes
PURSSECX	Purchase price of stocks, bonds, or mutual funds
RENTEQVX	Rental equivalence of owned home
SALEINCX	Amount received from sale of household furnishings, equipment
SAVACCTX	Amount in savings accounts
SECESTX	Estimated market value of all stocks, bonds, mutual funds
SELLSECX	Net amount received from sales of stocks, bonds, mutual funds

SETLINSX	Amount received from settlement on surrender of any insurance policies
SLOCTAXX	Amount of state and local income tax paid in addition to that withheld
SLRFUNDX	Amount of refund received from state and local income taxes
SSOVERPX	Amount of refund received from overpayment on Social Security
TAXPROPX	Amount of personal property taxes paid
USBNDX	Amount in U.S. Savings bonds
WDBSASTX	Amount of assets withdrawn from own farm or business
WDBSGDSX	Amount of goods or services withdrawn from own farm or business

The critical values and topcode values associated with the above variables follow.

<u>Variable</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>	<u>Condition</u>
AGE_REF	80	-	85	-	-
AGE2	80	-	85	-	-
ALIOTHX	24,000	-	77,671	-	-
BSINVSTX	123,000	-	310,000	-	-
CHDLMPX	10,000	-	13,950	-	-
CHDOTHX	14,400	-	22,495	-	-
CKBKACTX	22,000	-	95,311	-	-
COMPBNDX	10,000	-6,000	66,000	-56,500	-
COMPCKGX	18,550	-19,000	42,153	-45,983	-
COMPOWDX	30,000	-40,000	111,938	-312,500	-
COMPSAVX	40,000	-43,000	96,567	-100,032	-
COMPSECX	200,000	-150,000	456,333	-472,929	-
FEDRFNDX	6,200	-	9,840	-	-
FEDTAXX	25,000	-	104,272	-	-
FININCX	40,000	-	110,331	-	-
INCLOSSA	36,000	-15,000	70,350	-21,381	-
INCLOSSB	72,000	-12000	134,000	-23,667	-
INSRFNDX	6,000	-	24,700	-	-
INTEARNX	35,000	-	69,348	-	-
LUMPSUMX	120,000	-	305,607	-	-
MISCTAXX	6,572	-	12,353	-	-
MONYOWDX	57,000	-	250,250	-	-
OCCEXPX	-	-	-	-	-
OTHRFNDX	2,800	-	4,430	-	-
OTHRINCX	25,000	-	44,848	-	-
PENSIONX	45,000	-	77,120	-	-
PTAXRFDX	1,600	-	2,978	-	-
PURSSECX	200,000	-	437,000	-	-
RENTEQVX	3,000	-	4,483	-	OWNYI = '100'
SALEINCX	6,000	-	47,931	-	-
SAVACCTX	100,000	-	280,286	-	-
SECESTX	805,000	-	3,846,362	-	-
SELLSECX	110,000	-	534,250	-	-
SETLINSX	45,500	-	129,000	-	-
SLOCTAXX	5,500	-	11,501	-	-
SLRFUNDX	1,965	-	3,331	-	-
SSOVERPX	2,223	-	5,100	-	-
TAXPROPX	1,346	-	2,137	-	-
USBNDX	35,000	-	85,410	-	-
WDBSASTX	125,000	-	190,000	-	-
WDBSGDSX	6,000	-	20,500	-	-

Some income variables that are subject to topcoding are constructed by summing up the values of “lower level” MEMB or FMLY file component variables. These variables are not topcoded by the conventional method of replacement with a topcode value. Instead the variables’ components are summed normally and the variables are flagged as topcoded if one of their component variables is topcoded. Following are the income variables that are calculated using values of their component variables. (See the descriptions of each variable in Sections III.F.1.e. INCOME - III.F.1.h. RETIREMENT AND PENSION DEDUCTIONS for a list of component variables.)

EARNINCX	Amount of CU income from earnings before taxes
FAMTFEDX	Amount of Federal income tax deducted from last pay, annualized for all CU members
FFRMINCX	Amount of income or loss received from own farm
FGOVRETX	Amount of government retirement deducted from last pay, annualized for all CU members
FINCATAX	Amount of CU income after taxes
FINCBTAX	Amount of CU income before taxes
FINDRETX	Amount of money placed in individual retirement plan
FJSSDEX	Estimated amount of annual Social Security contribution
FNONFRMX	Amount of income or loss received from nonfarm business
FPRIPENX	Amount of private pension fund deducted from last pay, annualized for all CU members
FRRDEX	Amount of Railroad Retirement deducted from last pay, annualized for all CU members
FSALARYX	Amount received from wage and salary income before deductions
FSLTAXX	Amount of state and local income taxes deducted from last pay, annualized for all CU members
NO_EARNX	Amount of income from sources other than earnings before taxes
NONINCMX	Amount of other money receipts excluded from family income
TOTTXPDX	Amount of personal taxes paid

Here are some examples of situations that may occur. The value for the variable FFRMINCX (Family income or loss from farm) is computed as the sum of the values reported for the variable FARMINCX (member income or loss from farm) from the MEMB file. FARMINCX is subject to topcoding beyond the critical value of \$150,000 (-\$9,999). The topcode value for FARMINCX is \$428,000 (-\$31,680). (See Section IV.B. MEMBER CHARACTERISTICS AND INCOME FILE (MEMB)).

<u>CU</u>	FARMINCX		FFRMINCX		<u>FLAGGED AS TOPCODED?</u>
		<u>REPORTED</u>	<u>AFTER TOPCODING</u>	<u>VALUE</u>	
CU 1:	MEMB1	\$85,000	\$85,000		
	MEMB2	85,000	85,000	170,000	No
CU 2:	MEMB1	160,000	428,000		
	MEMB2	10,000	10,000	438,000	Yes
CU 3	MEMB1	445,000	428,000		
	MEMB2	50,000	50,000	478,000	Yes
CU 4	MEMB1	85,000	85,000		
	MEMB2	-55,000	-31,680	53,320	Yes

While CUs 1 and 2 each originally report \$170,000 in FARMINCX, topcoding is done only on the value reported by MEMB1 of CU2. Thus, the value for FFRMINCX for CU2 is higher than for CU1 and is flagged as topcoded while CU1 is not. By using the mean of the subset of observations that are above (below) the critical value as the topcode amount, values on the public use data can be either below or above the actual reported value. Note that while CU3 has a topcoded value below the reported value, CU2’s topcoded FFRMINCX value (\$428,000) is higher than the amount that it reported (\$160,000). The

case of CU4 demonstrates that the value for FFRMINCX can be lower than other topcoding situations, yet still be flagged as topcoded. This is due to the presence of a negative value (loss) for FARMINCX reported by MEMB2. The reverse can also occur.

The value of the variable, STATE, which identifies the state of residence, must be suppressed for some observations to meet the Census Disclosure Review Board's criterion that the smallest geographically identifiable area have a population of at least 100,000. STATE data were evaluated vis-à-vis the POPSIZE, REGION, and BLS\_URBN variables, which show the population size of the geographic area that is sampled, the four Census regions, and urban/rural status respectively. Some STATE codes were suppressed because, in combination with these variables, they could be used to identify areas of 100,000 or less. On approximately 17 percent of the records on the FMLY files the STATE variable is blank. The STATE flag (STATE\_) is given a value of 'T' if STATE is suppressed.

A small proportion of STATE codes are replaced with codes of states other than the state where the CU resides. By re-coding in this manner, suppression of POPSIZE and REGION may be avoided. (In past releases selected observations of POPSIZE and REGION required suppression.) If a CU's state of residence is re-coded with another state's code, the flag variable (STATE\_) of the re-coded observation is assigned an 'R'. The flag variable is also assigned an 'R' for either all or a portion of other observations from that state. In total, approximately 4% of observations of STATE\_ are assigned an 'R'.

	01	Alabama		*28	Mississippi
	02	Alaska		**29	Missouri
RR	04	Arizona		31	Nebraska
	*05	Arkansas		R32	Nevada
	**06	California		R33	New Hampshire
	08	Colorado		34	New Jersey
	09	Connecticut		*35	New Mexico
	10	Delaware		RR**36	New York
R	11	District of Columbia		**37	North Carolina
	**12	Florida		RR39	Ohio
	**13	Georgia		**40	Oklahoma
	15	Hawaii		**41	Oregon
	16	Idaho		42	Pennsylvania
**	17	Illinois		45	South Carolina
RR**	18	Indiana		*46	South Dakota
	*19	Iowa		**47	Tennessee
**	20	Kansas		48	Texas
	21	Kentucky		49	Utah
	22	Louisiana		50	Vermont
R*	23	Maine		**51	Virginia
	24	Maryland		**53	Washington
	25	Massachusetts		R54	West Virginia
**	26	Michigan		55	Wisconsin
**	27	Minnesota			

\* indicates that the STATE code has been suppressed for all sampled CUs in that state (STATE\_ = 'T' for all observations).

\*\* indicates that the STATE code has been suppressed for some sampled CUs in that state (STATE\_ = 'T' for some observations).

R indicates that either all observations from this state have been re-coded or all strata<sup>1</sup> of observations from this state include "re-codes" from other states.

RR indicates that either some observations from this state have been re-coded or at least one stratum<sup>1</sup> of observations from this state includes "re-codes" from other states.

R\* indicates that the STATE code has been suppressed for some sampled CUs in that state and, either STATE has been re-coded or the state includes "re-codes" from other states in all strata<sup>1</sup>.

RR\*\* indicates that the STATE code has been suppressed for some sampled CUs in that state and, either STATE has been re-coded or the state includes "re-codes" from other states in at least one stratum<sup>1</sup>.

<sup>1</sup> A STATE stratum is a unique POPSIZE and BLS\_URBN combination.

States not listed are not in the CE sample.

## B. MEMBER CHARACTERISTICS AND INCOME FILE (MEMB)

The following MEMB file variables are subject to topcoding.

AGE	Age of member
AMTFED	Amount of Federal income tax deducted from last pay
ANFEDTX	Annual amount of Federal income tax deducted from pay
ANGOVRTX	Annual amount of government retirement deducted from pay
ANPRVPNX	Annual amount of private pension fund deducted from pay
ANRRDEDX	Annual amount of Railroad Retirement deducted from pay
ANSLTX	Annual amount of state and local income taxes deducted from pay
FARMINCX	Amount of income or loss received from own farm
GOVRETX	Amount of government retirement deducted from last pay
GROSPAYX	Amount of last gross pay
INDRETX	Amount of money placed in individual retirement plan
JSSDEDX	Estimated annual Social Security contribution
NONFARMX	Amount of income or loss received from own nonfarm business
PRIVPENX	Amount of private pension fund deducted from last pay
RRRDEDX	Amount of Railroad Retirement deducted from last pay
SALARYX	Amount received from wage and salary income before deductions
SLFEMPSS	Amount of self-employment Social Security contribution
SLTAXX	Amount of state and local income taxes deducted last pay

The critical values and topcode values associated with the above variables follow.

<u>Variable</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>
AGE	80	-	85	-
AMTFED	983	-	2,180	-
ANFEDTX	20,571	-	33,167	-
ANGOVRTX	7,140	-	8,502	-
ANPRVPNX	13,528	-	18,699	-
ANRRDEDX	8,200	-	9,372	-
ANSLTX	6,652	-	10,081	-
FARMINCX	150,000	-9,999	428,000	-31,680
GOVRETX	500	-	989	-
GROSPAYX	5,341	-	12,295	-
INDRETX	18,000	-	46,250	-
JSSDEDX	7,352	-	9,693	-
NONFARMX	150,000	-9,999	259,468	-46,156
PRIVPENX	700	-	1,696	-
RRRDEDX	420	-	719	-
SALARYX	150,000	-	293,857	-
SLFEMPSS	14,500	-	16,977	-
SLTAXX	330	-	628	-

## Special suppression for MEMB file variables

The five MEMB file variables--AMTFED, GOVRETX, PRIVPENX, RRRDEDX, and SLTAXX--describe deductions from the most recent pay. These variables are used in conjunction with GROSPAYX (amount of last gross pay) and SALARYX (annual wage and salary income) to derive ANFEDTX, ANGOVRTX, ANPRVPNX, ANRRDEDX, and ANSLTX, which represent the estimated annual deductions for each of these income deduction categories. For example, the estimated annual Federal income tax deduction from pay is calculated as

$$(1) \quad \text{ANFEDTX} = (\text{SALARYX} (\text{AMTFED}/\text{GROSPAYX})).$$

Note that SALARYX can be estimated by using the above terms and rearranging such that

$$(2) \quad \text{SALARYX} = (\text{ANFEDTX} (\text{GROSPAYX}/\text{AMTFED})).$$

In the above example, a problem with disclosure may arise when neither ANFEDTX, GROSPAYX, nor AMTFED are topcoded, *but SALARYX is*. In this situation SALARYX can be recalculated to obtain its original value by inserting the non-topcoded values into equation (2) and solving. In order to prevent this, the non-topcoded terms in equation (2) will be suppressed (blanked out) and their associated flags will be assigned a value of 'T'. The following chart describes in detail the specific rules that are applied to prevent the potential disclosure outlined above.

If SALARYX is greater than the critical value but ANFEDTX, GROSPAYX, and AMTFED are not, then the values for ANFEDTX, GROSPAYX, and AMTFED are suppressed and their flag variables are assigned a value of 'T'.

If SALARYX is greater than the critical value but ANGOVRTX, GROSPAYX, and GOVRETX are not, then the values for ANGOVRTX, GROSPAYX, and GOVRETX are suppressed and their flag variables are assigned a value of 'T'.

If SALARYX is greater than the critical value but ANPRVPNX, GROSPAYX, and PRIVPENX are not, then the values for ANPRVPNX, GROSPAYX, and PRIVPENX are suppressed and their flag variables are assigned a value of 'T'.

If SALARYX is greater than the critical value but ANRRDEDX, GROSPAYX, and RRRDEDX are not, then the values for ANRRDEDX, GROSPAYX, and RRRDEDX are suppressed and their flag variables are assigned a value of 'T'.

If SALARYX is greater than the critical value but ANSLTX, GROSPAYX, and SLTAXX are not, then the values for ANSLTX, GROSPAYX, and SLTAXX are suppressed and their flag variables are assigned a value of 'T'.

## **C. MONTHLY EXPENDITURE FILE (MTAB)**

The MTAB variable COST is subject to topcoding for the following UCCs.

<b>UCC</b>	<b>Description</b>
210110	Rent of dwelling
210210	Lodging away from home
210310	Housing for someone at school
210901	Ground rent, owned home
210902	Ground rent, owned vacation home
550320	Medical equipment for general use

<b>UCC</b>	<b>Description</b>
550330	Supportive or convalescent medical equipment
560110	Physicians' services
560210	Dental services
560310	Eye care services
560330	Lab tests and x-rays
560400	Services by professionals other than physicians
570110	Hospital room
570210	Hospital service other than room
570220	Nursing or convalescent home care
570230	Other medical care service
570240	Medical care in retirement community
570901	Rental of medical equipment
570903	Rental of supportive, convalescent equipment
600132	Purchase of boat with motor
600138	Trade-in allowance for boats with motors
790710	Purchase other property excluding commons
790810	Sale price of other property
790910	Special or lump mortgage payment, other property
790920	Reduction of mortgage principal, other property
790930	Original mortgage amount, other property
790940	Reduction of mortgage principal, home equity loan, other property
790950	Original loan amount, home equity loan, other property
800721	Market value of owned home
810101	Purchase excluding commons, owned home
810102	Purchase price excluding commons, owned vacation home
820101	Selling price, owned home
820102	Selling price, owned vacation home
830101	Special or lump mortgage payment, owned home
830102	Special or lump mortgage payment, owned vacation home
830201	Reduction mortgage principal, owned home
830202	Reduction mortgage principal, owned vacation home
830203	Reduction mortgage principal, home equity loan, owned home
830204	Reduction mortgage principal, home equity loan, owned vacation home
830301	Original mortgage amount, owned home
830302	Original mortgage amount, owned vacation home
830303	Original loan amount, home equity loan, owned home
830304	Original loan amount, home equity loan, owned vacation home
860600	Amount boat with motor sold or reimbursed
870701	Boat with motor, purchase not financed
880120	Reduction of principal, line of credit, owned home
880220	Reduction of principal, line of credit, other property
880320	Reduction of principal, line of credit, owned vacation home
900002	Occupational expenses
910050	Rental equivalence of owned home
910100	Rental equivalence of vacation home

If the value of COST is greater (less) than the designated critical values for the above UCCs, COST is set to the topcode value and the associated flag variable, COST\_, is set to 'T'. The critical values and topcode values (rounded to the nearest dollar) of the variable COST that are associated with the above UCCs follow.

<b>UCC</b>	<b>Critical value +</b>	<b>Critical value -</b>	<b>Topcode value +</b>	<b>Topcode value -</b>	<b>Mapped from</b>	<b>Condition</b>
210110	1,400	-	1,952	-	QRT3MCMX	NA
210210	1,500	-	2,619	-	LDGCOSTX	NA

<u>UCC</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>	<u>Mapped from</u>	<u>Condition</u>
210210	495	-	826	-	TOTYUPDX	TOTYUPDY = '130'
210210	795	-	2,265	-	TRNONCUX	TRNONCUY = '130'
210310	2,706	-	4,085	-	JEDUCNET	EDUC_AY = '310'
210901	600	-	1,026	-	QLR3MCMX	OWNYI = '100' OR OWNYI = '200'
210902	550	-	1,210	-	QLR3MCMX	OWNYI = '300'
550320	300	-	438	-	MEDPMTX	MEDPCARY = '660'
550320	-	-175	-	-1,025	MEDRMBX	MEDRCARY = '660'
550330	490	-	1,146	-	MEDPMTX	MEDPCARY = '640'
550330	-	-79	-	-95	MEDRMBX	MEDRCARY = '640'
560110	300	-	882	-	MEDPMTX	MEDPCARY = '420'
560110	-	-670	-	-1,206	MEDRMBX	MEDRCARY = '420'
560210	1,300	-	2,441	-	MEDPMTX	MEDPCARY = '200'
560210	-	-850	-	-1,088	MEDRMBX	MEDRCARY = '200'
560310	304	-	1,018	-	MEDPMTX	MEDPCARY = '110'
560310	-	-597	-	-2,533	MEDRMBX	MEDRCARY = '110'
560330	549	-	1,251	-	MEDPMTX	MEDPCARY = '510'
560330	-	-270	-	510	MEDRMBX	MEDRCARY = '510'
560400	400	-	909	-	MEDPMTX	MEDPCARY = '410'
560400	-	-906	-	-1,225	MEDRMBX	MEDRCARY = '410'
570110	1,652	-	3,738	-	MEDPMTX	MEDPCARY = '310'
570110	-	-225	-	-736	MEDRMBX	MEDRCARY = '310'
570210	1,939	-	3,998	-	MEDPMTX	MEDPCARY = '320'
570210	-	-1,014	-	-11,000	MEDRMBX	MEDRCARY = '320'
570220	4,960	-	5,772	-	MEDPMTX	MEDPCARY = '520'
570220	-	-200	-	-2,046	MEDRMBX	MEDPCARY = '520'
570230	636	-	1,523	-	MEDPMTX	MEDPCARY = '530'
570230	-	-1,200	-	-3,678	MEDRMBX	MEDRCARY = '530'
570901	210	-	990	-	MEDPMTX	MEDPCARY = '650'
570903	167	-	228	-	MEDPMTX	MEDPCARY = '630'
790710	190,000	-	335,500	-	OWN_PURX	OWNYB = '400' OR OWNYB = '500'
790810	-	-210,000	-	-376,000	DISPX	OWNYD = '400' OR OWNYD = '500'
790910	-	-400	-	-2,275	QLMPSUMX	OWNYI = '400' OR OWNYI = '500'
790920	-	-749	-	-1,570	QPRINM1X	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE = '1')
790920	-	-752	-	-1,580	QPRINM2X	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE = '1')
790920	-	-754	-	-1,454	QPRINM3X	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE = '1')
790930	75,022	-	238,666	-	ORGMRTX	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE = '1')
790940	-	-112	-	-477	QPRINM1X	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE = '2')
790940	-	-113	-	-479	QPRINM2X	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE = '2')
790940	-	-113	-	-481	QPRINM3X	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE = '2')
790950	35,000	-	-	-	ORGMRTX	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE EQ '2')
800721	46,667	-	76,848	-	PROPVALX	OWNYB = '100' OR OWNYB = '200'
810101	510,000	-	629,094	-	OWN_PURX	OWNYB = '100' OR OWNYB = '200'
810102	470,000	-	575,000	-	OWN_PURX	OWNYB = '300'
820101	-	-405,000	-	-522,500	DISPX	OWNYD = '100' OR OWNYD = '200'
820102	-	-261,000	-	-388,500	DISPX	OWNYD = '300'
830101	-	-6,000	-	-37,045	QLMPSUMX	OWNYI = '100' OR OWNYI = '200'
830102	-	-4,000	-	-46,500	QLMPSUMX	OWNYI = '300'
830201	-	-822	-	-1,511	QPRINM1X	(OWNYF = '100' OR OWNYF = '200') AND (LOANTYPE = '1')
830201	-	-829	-	-1,691	QPRINM2X	(OWNYF = '100' OR OWNYF = '200') AND (LOANTYPE = '1')

<u>UCC</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>	<u>Mapped from</u>	<u>Condition</u>
830201	-	-827	-	-1,606	QPRINM3X	(LOANTYPE = '1') (OWNYF = '100' OR OWNYF = '200') AND (LOANTYPE = '1')
830202	-	-912	-	-2,457	QPRINM1X	(OWNYF = '300') AND (LOANTYPE = '1')
830202	-	-918	-	-2,683	QPRINM2X	(OWNYF = '300') AND (LOANTYPE = '1')
830202	-	-924	-	-2,602	QPRINM3X	(OWNYF = '300') AND (LOANTYPE = '1')
830203	-	-757	-	-1,032	QPRINM1X	(OWNYF = '100' OR OWNYF = '200') AND (LOANTYPE = '2')
830203	-	-812	-	-957	QPRINM2X	(OWNYF = '100' OR OWNYF = '200') AND (LOANTYPE = '2')
830203	-	-816	-	-1,007	QPRINM3X	(OWNYF = '100' OR OWNYF = '200') AND (LOANTYPE = '2')
830204	-	-258	-	-653	QPRINM1X	(OWNYF = '300' AND LOANTYPE = '2')
830204	-	-260	-	-658	QPRINM2X	(OWNYF = '300' AND LOANTYPE = '2')
830204	-	-167	-	-490	QPRINM3X	(OWNYF = '300' AND LOANTYPE = '2')
830301	365,000	-	687,080	-	ORGMRTX	(OWNYF = '100' OR OWNYF = '200') AND (LOANTYPE = '1')
830302	319,716	-	382,500	-	ORGMRTX	(OWNYF = '300' AND (LOANTYPE = '1'))
830303	136,551	-	185,991	-	ORGMRTX	(OWNYF = '100' OR OWNYF = '200') AND (LOANTYPE = '2')
860600	-	-6,640	-	-10,500	SALEX	VEHICYC = '160'
880120	-	-3,880	-	-11,196	JLCPRINX	OWNYH = '100' OR OWNYH = '200'
880220	-	-856	-	-966	JLCPRINX	OWNYH = '400' OR OWNYH = '500'
880320	-	-912	-	-1,285	JLCPRINX	OWNYH = '300'
900002	353	-	765	-	MISCEXPX	MISCCODE = '380'
910050	250	-	374	-	RNTEQVX	OWNYI = '100'
910100	333	-	461	-	RNTEQVX	OWNYI = '300'

These UCCs have either a critical value, but no topcode amount, or no critical values and no topcode amount. This implies that there are no observations outside the critical value or no observations for these UCCs on the current five-quarter release.

<u>UCC</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Mapped from</u>	<u>Condition</u>
570240	-	-	JFEETOTX	REGFEECR = '2900'
570240	-	-	QSPCLX	SPFEECR = '2900'
570903	-	-168	MEDRMBX	MEDRCARY = '630'
570901	-	-	MEDRMBX	MEDRCARY = '650'
790950	35,000	-	ORGMRTX	(OWNYF = '400' OR OWNYF = '500') AND (LOANTYPE = '2')
830304	-	-	ORGMRTX	(OWNYF = '300' AND (LOANTYPE = '2'))
880120	410	-	JLCPRINX	OWNYH = '100' OR OWNYH = '200'
880320	60	-	JLCPRINX	OWNYH = '300'

## D. INCOME FILE (ITAB)

Data in the ITAB file are selected annual data from the FMLY file expressed in a monthly form (divided by 12). The ITAB variable VALUE is subject to topcoding for the following UCCs.

<u>UCC</u>	<u>Description</u>
001000	Purchase price of stocks, bonds, or mutual funds
001010	Net amount received from sales of stocks, bonds, mutual funds
001210	Amount of investment in own farm or business
001220	Amount of assets, goods, and services withdrawn from own farm or business

<b><u>UCC</u></b>	<b><u>Description</u></b>
002010	Difference in amount held in savings accounts
002020	Difference in amount held in checking accounts
002030	Difference in amount held in U.S. Savings bonds
003000	Difference in amount of money owed to CU
003100	Amount received from settlement on surrender of any insurance policies
800910	Amount of government retirement deducted from last pay, annualized for all CU members
800920	Amount of Railroad Retirement deducted from last pay, annualized for all CU members
800931	Amount of private pension fund deducted from last pay, annualized for all CU members
800932	Amount of money placed in individual retirement plan
800940	Estimated amount of annual Social Security contribution
900000	Amount received from wage and salary income before deductions
900001	Amount of occupational expenses
900010	Amount of income or loss received from own nonfarm business
900020	Amount of income or loss received from own farm
900040	Amount received from pensions or annuities
900050	Amount received from regular income from dividends, royalties, estates or trusts
900060	Amount of net income or loss received from roomers or boarders
900070	Amount of net income or loss received from other rental units
900080	Amount received from interest on savings accounts or bonds
900131	Amount received from other child support payments
900132	Amount received from other regular contributions including alimony
900140	Amount received from other money income
910000	Amount received from lump sum receipts
910010	Amount received from sale of household furnishings, equipment
910020	Amount of refund received from overpayment on Social Security
910030	Amount of refund received from insurance policies
910040	Amount of refund received from property taxes
910041	Amount received from lump sum child support payment
920010	Amount in savings accounts
920020	Amount in checking, brokerage and other similar accounts
920030	Amount in U.S. Savings bonds
920040	Estimated market value all stocks, bonds, mutual funds
950000	Amount of Federal income tax paid
950001	Amount of refund received from Federal income tax
950010	Amount of state and local income taxes paid
950011	Amount of refund received from state and local taxes
950021	Amount of other taxes paid
950022	Amount of personal property taxes paid
950023	Amount of refund received from other sources
980000	Amount of CU income before taxes
980020	Age of reference person
980070	Amount of CU income after taxes

If VALUE is greater (less) than the designated critical values for the above UCCs, VALUE is set to the topcode value and the associated flag variable, VALUE\_, is set to 'T'. The critical values and topcode values (rounded to the nearest dollar) of the variable VALUE that are associated with the above UCCs follow.

<b><u>UCC</u></b>	<b><u>Critical value +</u></b>	<b><u>Critical value -</u></b>	<b><u>Topcode value +</u></b>	<b><u>Topcode value -</u></b>
001000	66,667	-	145,667	-
001010	-	-36,667	-	-178,083
001210	41,000	-	103,333	-
002010	13,332	-14,332	29,495	-32,750
002020	6,183	-6,333	13,658	-14,854

<b>UCC</b>	<b>Critical value +</b>	<b>Critical value -</b>	<b>Topcode value +</b>	<b>Topcode value -</b>
002030	3,333	-2,000	14,533	-18,833
003000	10,000	-13,332	37,313	-59,583
003100	-	-15,167	-	-43,000
900040	3,750	-	6,258	-
900050	3,333	-	7,320	-
900060	3,000	-1,250	5,554	-1,782
900070	6,000	-1,000	11,167	-1,972
900080	2,917	-	5,277	-
900131	1,200	-	1,854	-
900132	2,000	-	6,075	-
900140	2,083	-	3,897	-
910000	10,000	-	25,467	-
910010	500	-	4,350	-
910020	185	-	425	-
910030	500	-	2,058	-
910040	133	-	241	-
910041	833	-	1,053	-
920010	33,333	-	79,058	-
920020	7,333	-	30,806	-
920030	11,667	-	28,470	-
920040	268,333	-	1,256,126	-
950000 (FEDTAXX) <sup>1</sup>	2,083	-	8,689	-
950001	-	-517	-	-820
950010 (SLOCTAXX) <sup>2</sup>	458	-	958	-
950011	-	-164	-	-278
950021	548	-	1,029	-
950022	112	-	178	-
950023	-	-233	-	-345
980020	7	-	7	-

<sup>1</sup> FEDTAXX (amount of Federal tax paid in addition to that withheld) and FAMTFEDX (Federal tax withheld from last pay annualized for all CU members) are both mapped to UCC 950000 as separate records. Records for UCC 950000 that represent FAMTFEDX are topcoded through their components (AMTFED) at the MEMB level and thus, these records will not have an ITAB critical value. ITAB records for UCC 950000 that represent FEDTAXX are topcoded for all amounts greater than \$2,083.

<sup>2</sup> SLOCTAXX (amount of state and local taxes paid in addition to that withheld) and FSLTAXX (state and local income tax deduction from last pay annualized for all CU members) are both mapped to UCC 950010 as separate records. Records for UCC 950010 that represent FSLTAXX are topcoded through their components (SLTAXX) at the MEMB level and thus, these records will not have an ITAB critical value. ITAB records for UCC 950010 that represent SLOCTAXX are topcoded for all amounts greater than \$458.

VALUE for the following income UCCs is topcoded because the FMLY file variables corresponding to these UCCs are topcoded due to recalculation. (See Section IV.A. CU CHARACTERISTICS AND INCOME FILE on topcoding of FMLY variables.)

<b>UCC</b>	<b>FMLY variable</b>	<b>Description</b>
800910	FGOVRETXX	Amount of government retirement deducted from last pay, annualized for all CU members
800920	FRRDEDX	Amount of Railroad Retirement deducted from last pay, annualized for all CU members
800931	FPRIPENX	Amount of private pension fund deducted from last pay, annualized for all CU members
800932	FINDRETXX	Amount of money placed in individual retirement plan
800940	FJSSDEDX	Estimated amount of annual Social Security contribution
900000	FSALARYX	Amount received from wage and salary income before deductions
900010	FNONFRMX	Amount of income or loss received from own nonfarm business

<u>UCC</u>	<u>FMLY variable</u>	<u>Description</u>
900020	FFRMINCX	Amount of income or loss received from own farm
980000	FINCBTAX	Amount of CU income before taxes
980070	FINCATAX	Amount of CU income after taxes

## E. DETAILED EXPENDITURE FILES (EXP N)

The following EXP N file variables are subject to topcoding.

<u>Survey (CAPI) Section</u>	<u>File name</u>	<u>Variable</u>	<u>Description</u>
2. A&B.	RNT	QRT3MCMX	Total rental payments made in reference period, adjusted for business and rooms rented to others
3. B.	OPB	PROPVALX	About how much do you think this property would sell for on today's market?
		OWN_PURX	What was the total price paid for the property, not including closing costs?
3. D.	OPD	DISPX	What was the selling price (trade-in value)?
3. F.	MOR	ORGMRTX	What was the amount of the mortgage when you obtained it, excluding any interest?
		MRTPMTX	Mortgage payment, including escrow
		QBLNCM1X	Principal balance outstanding at beginning of month, 3 months ago
		QBLNCM2X	Principal balance outstanding at beginning of month, 2 months ago
		QBLNCM3X	Principal balance outstanding at beginning of month, 1 month ago
		QPRINM1X	Amount of principal paid during first month of reference period
		QPRINM2X	Amount of principal paid during second month of reference period
		QPRINM3X	Amount of principal paid during third month of reference period
3. G.	HEL	ORGMRTG	What was the amount of the lump sum home equity loan when you obtained it, excluding any interest?
		MRTPMTG	Loan payment
		QBLNCM1G	Principal balance outstanding at beginning of month, 3 months ago
		QBLNCM2G	Principal balance outstanding at beginning of month, 2 months ago
		QBLNCM3G	Principal balance outstanding at beginning of month, 1 month ago
		QPRINM1G	Amount of principal paid during first month of reference period
		QPRINM2G	Amount of principal paid during second month of reference period
		QPRINM3G	Amount of principal paid during third month of reference period
3. H.	OPH	JLCPRINX	Estimated amount of principal paid on loan during reference period
3. I.	OPI	JFEETOTX	Amount of regular condo fee for management services, adjusted for business
		QSPCLX	Total amount of special payments for management services, adjusted for business
		QLR3MCMX	Amount paid for ground or land rent, adjusted for business
		QLMPSUMX	Amount paid for mortgage in special or lump sum payments during reference period
		RNTEQVX	Monthly rental equivalence of owned home
11. B.	OVB	<i>For confidentiality reasons, records with VEHICYB='190' (private plane) are not included on the public use files.</i>	
		NETPURX	Amount paid for boat with motor
		<i>If NETPURX is topcoded, then the following variables are suppressed (blanked out) and their flags are given a 'T'.</i>	
		TRADEX	How much was the trade in allowance received?
		EMPLEXPX	How much of the amount or price was paid by an employer?
		DNPAYMTX	What was the amount of the cash down payment?
		PRINCIPX	How much was borrowed, excluding any interest?
		PAYMENTX	What is the amount of each payment?
		QBALNM1X	Principal balance outstanding at the beginning of first month of reference period
		QVINTM1X	Amount of interest paid during first month of reference period
		QVPRIM1X	Amount of principal paid during first month of reference period
		QBALNM2X	Principal balance outstanding at the beginning of second month of reference period
		QVINTM2X	Amount of interest paid during second month of reference period

<b>Survey (CAPI) Section</b>	<b>File name</b>	<b>Variable</b>	<b>Description</b>
		QVPRIM2X	Amount of principal paid during second month of reference period
		QBALNM3X	Principal balance outstanding at the beginning of third month of reference period
		QVINTM3X	Amount of interest paid during third month of reference period
		QVPRIM3X	Amount of principal paid during third month of reference period
		QTRADEX	Amount paid for vehicle after trade-in allowance minus amount of cost paid by employer
		QADITR1X	Amount of interest paid during first month of reference period, adjusted for business
		QADITR2X	Amount of interest paid during second month of reference period, adjusted for business
		QADITR3X	Amount of interest paid during third month of reference period, adjusted for business
		QDNPYMTX	Amount of down payment, adjusted for business
11. C.	OVC		<i>For confidentiality reasons, records with VEHICYC='190' (private plane) are not included on the public use files.</i>
		SALEX	Amount boat with motor sold for <i>If SALEX is topcoded, then the variable FINPAYMX (How much was the final payment made on any outstanding loan?) is suppressed for that record, and flagged as topcoded.</i>
12. A.	VEQ		<i>For confidentiality reasons, records with VOPVEHYA= '190' (Private plane) are not included on the public use microdata.</i>
15. B.	MDB	MEDPMTX	Amount of payment for medical supplies or services
15. D.	MDC	MEDRMBX	Amount of reimbursement for medical supplies or services
16.	EDA	JEDUCNET	Net amount paid for educational expenses (housing)
18. B&C.	TRV	LDGCOSTX	Cost for hotels, motels, cottages, trailer camps, or other lodging including taxes and tips
18. D.	TRD	TOTYUPDX	Amount of (lodging) expense not covered by a business, employer, or other non-CU member (for trips funded by non-CU member)
18. E.	TRE	TRNONCUX	Amount of the (lodging) expense paid for non CU member
19. A	MIS	MISCEXPX	Amount spent on miscellaneous expenditures

The critical values and topcode values associated with the above EXPN variables follow.

<b>Survey Section</b>	<b>File name</b>	<b>Variable</b>	<b>Critical value +</b>	<b>Critical value -</b>	<b>Topcode value +</b>	<b>Topcode value -</b>	<b>Condition</b>
2. A&B.	RNT	QRT3MCMX	4,240	-	5,860	-	-
3. B.	OPB	PROPVAX	560,000	-	928,075	-	OWNYB = '100' or OWNYB = '200'
		PROPVAX	650,000	-	2,294,340	-	OWNYB = '300'
		PROPVAX	500,000	-	985,484	-	OWNYB = '400' or OWNYB = '500'
		OWN_PURX	510,000	-	620,398	-	OWNYB = '100' or OWNYB = '200'
		OWN_PURX	500,000	-	1,312,500	-	OWNYB = '300'
		OWN_PURX	190,000	-	306,000	-	OWNYB = '400' or OWNYB = '500'
3. D.	OPD	DISPX	405,000	-	522,500	-	OWNYD = '100' or OWNYD = '200'
		DISPX	261,000	-	388,500	-	OWNYD = '300'
		DISPX	210,000	-	376,000	-	OWNYD = '400' or OWNYD = '500'
3. F.	MOR	ORGMRTX	325,000	-	5,35298	-	OWNYF = '100' or OWNYF = '200'
		ORGMRTX	272,989	-	395,633	-	OWNYF = '300'
		ORGMRTX	200,000	-	338,000	-	OWNYF = '400' or OWNYF = '500'
		MRTPMTX	2,800	-	4,997	-	-
		QBLNCM1X	309,965	-	486,810	-	('100' = OWNYF = '500')
		QBLNCM2X	314,898	-	494,417	-	('100' = OWNYF = '500')
		QBLNCM3X	317,553	-	495,424	-	('100' = OWNYF = '500')
		QPRINM1X	822	-	1,511	-	OWNYF = '100' or OWNYF = '200'
		QPRINM1X	912	-	2,457	-	OWNYF = '300'
		QPRINM1X	749	-	1,436	-	OWNYF = '400' or OWNYF = '500'
		QPRINM2X	829	-	1,647	-	OWNYF = '100' or OWNYF = '200'
		QPRINM2X	918	-	2,683	-	OWNYF = '300'
		QPRINM2X	752	-	1,444	-	OWNYF = '400' or OWNYF = '500'
		QPRINM3X	827	-	1,562	-	OWNYF = '100' or OWNYF = '200'
		QPRINM3X	924	-	2,602	-	OWNYF = '300'

<u>Survey Section</u>	<u>File name</u>	<u>Variable</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>	<u>Condition</u>
3. G.	HEL	QPRINM3X	754	-	1,347	-	OWNYF = '400' or OWNYF = '500'
		ORGMRTG	107,122	-	155,981	-	OWNYG = '100' or OWNYG = '200'
		ORGMRTG	24,883	-	43,143	-	OWNYG = '300'
		ORGMRTG	30,000	-	93,479	-	OWNYG = '400' or OWNYG = '500'
		M RTPMTG	1,300	-	1,793	-	-
		QBLNCM1G	99,381	-	136,267	-	'100' = OWNYG = '500'
		QBLNCM2G	107,053	-	141,682	-	'100' = OWNYG = '500'
		QBLNCM3G	106,069	-	140,115	-	'100' = OWNYG = '500'
		QPRINM1G	757	-	1,032	-	OWNYG = '100' or OWNYG = '200'
		QPRINM1G	258	-	653	-	OWNYG = '300'
		QPRINM1G	112	-	477	-	OWNYG = '400' or OWNYG = '500'
		QPRINM2G	812	-	957	-	OWNYG = '100' or OWNYG = '200'
		QPRINM2G	260	-	658	-	OWNYG = '300'
		QPRINM2G	113	-	479	-	OWNYG = '400' or OWNYG = '500'
		QPRINM3G	816	-	1,007	-	OWNYG = '100' or OWNYG = '200'
		3. H.	OPH	QPRINM3G	167	-	489
QPRINM3G	113			-	481	-	OWNYG = '400' or OWNYG = '500'
JLCPRINX	11,639			-	20,205	-	OWNYH = '100' or OWNYH = '200'
JLCPRINX				-1,231		-3910	OWNYH = '100' or OWNYH = '200'
JLCPRINX	2,569			-	3,854	-	OWNYH = '300'
JLCPRINX	3,953			-	22,821	-	OWNYH = '400' or OWNYH = '500'
3. I.	OPI	JLCPRINX		-179		-989	OWNYH = '400' or OWNYH = '500'
		JFEETOTX	1,800	-	3,433	-	('100' = OWNYI = '30') AND REGFEECR = '01000'
11. B.	OVB	QLR3MCMX	1,800	-	2,453	-	OWNYI = '100' or OWNYI = '200'
		QLR3MCMX	1,650	-	3,275	-	OWNYI = '300'
		QLMPSUMX	6,000	-	37,045	-	OWNYI = '100' or OWNYI = '200'
		QLMPSUMX	4,000	-	46,500	-	OWNYI = '300'
		QLMPSUMX	400	-	2,275	-	OWNYI = '400' or OWNYI = '500'
		RNTEQVX	3,000	-	4,529	-	OWNYI = '100' or OWNYI = '200'
		RNTEQVX	4,000	-	7,421	-	OWNYI = '300'
11. C.	OVC	NETPURX	72,800	-	152,357	-	VEHICYB = '160'
11. C.	OVC	SALEX	6,640	-	105,000	-	VEHICYC = '160'
15. B.	MDB	MEDPMTX	304	-	1,018	-	MEDPCARY = '110'
		MEDPMTX	1,300	-	2,441	-	MEDPCARY = '200'
		MEDPMTX	1,652	-	3,738	-	MEDPCARY = '310'
		MEDPMTX	1,939	-	3,998	-	MEDPCARY = '320'
		MEDPMTX	400	-	909	-	MEDPCARY = '410'
		MEDPMTX	300	-	882	-	MEDPCARY = '420'
		MEDPMTX	549	-	1,251	-	MEDPCARY = '510'
		MEDPMTX	4,960	-	5,772	-	MEDPCARY = '520'
		MEDPMTX	636	-	1,523	-	MEDPCARY = '530'
		MEDPMTX	167	-	228	-	MEDPCARY = '630'
		MEDPMTX	490	-	1,112	-	MEDPCARY = '640'
		MEDPMTX	210	-	951	-	MEDPCARY = '650'
		MEDPMTX	300	-	438	-	MEDPCARY = '660'
		15. D.	MDC	MEDRMBX	597	-	2,533
MEDRMBX	850			-	1,088	-	MEDRCARY = '200'
MEDRMBX	225			-	736	-	MEDRCARY = '310'
MEDRMBX	1,014			-	11,000	-	MEDRCARY = '320'
MEDRMBX	906			-	1,225	-	MEDRCARY = '410'
MEDRMBX	670			-	1,206	-	MEDRCARY = '420'
MEDRMBX	270			-	356	-	MEDRCARY = '510'
MEDRMBX	200			-	2,046	-	MEDRCARY = '520'

<u>Survey Section</u>	<u>File name</u>	<u>Variable</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>	<u>Condition</u>
		MEDRMBX	1200	-	3,678	-	MEDRCARY = '530'
		MEDRMBX	79	-	95	-	MEDRCARY = '640'
		MEDRMBX	175	-	1,025	-	MEDRCARY = '660'
16.	EDA	JEDUCNET	2,706	-	4,085	-	EDUC_AY = '310'
18. B&C.	TRV	LDGCOSTX	1,500	-	2,619	-	-
18. D.	TRD	TOTYUPDX	495	-	826	-	TOTYUPDY = '130'
18. E.	TRE	TRNONCUX	795	-	2265	-	TRNONCUY = '130'
19. A	MIS	MISCEXPX	150	-	323	-	MISCCODE = '380' and MISCMO = '13'
19. A	MIS	MISCEXPX	500	-	1,144	-	MISCCODE = '380' and MISCMO NE '13'

These EXPN variables have a critical value, but no topcode amount. This implies that there are no observations outside the critical value on the current five-quarter release.

<u>Survey Section</u>	<u>File name</u>	<u>Variable</u>	<u>Critical value +</u>	<u>Condition</u>
3. I.	OPI	JFEETOTX	-	('100' = OWNYI = '300') and REGFEECR = '29000'
		QSPCLX	-	('100' = OWNYI = '300') and SPFEECR = '01000'
		QSPCLX	-	('100' = OWNYI = '300') and SPFEECR = '29000'
		RNTEQVX	-	OWNYI = '400' or OWNYI = '500'
15. D.	MDC	MEDRMBX	168	MEDRCARY = '630'
		MEDRMBX	-	MEDRCARY = '650'

## V. ESTIMATION PROCEDURE

### A. DESCRIPTION OF PROCEDURES

The following section describes procedures for using microdata for the estimation of descriptive statistics such as aggregates and means. A sample program written in SAS that illustrates this methodology is in Section VII. MICRODATA VERIFICATION AND ESTIMATION METHODOLOGY

#### 1. GENERAL CONCEPTS

##### a. *SAMPLE VERSUS POPULATION ESTIMATES*

As described in Section X.C. WEIGHTING, each CU in the CE sample represents a given number of CUs in the U.S. population. The translation of sample CUs into a population estimate is accomplished by weighting. FINLWT21, one of the 45 weight variables associated with each CU, is used to estimate the population. Procedures for estimating sample (unweighted) and population (weighted) statistics are described in Sections V.A.2. ESTIMATION OF UNWEIGHTED STATISTICS and V.A.3. ESTIMATION OF WEIGHTED STATISTICS below.

##### b. *CALENDAR PERIOD VERSUS COLLECTION PERIOD*

Because the rotating panel design of the Interview survey has an effect on the structure of the data files, one must be aware of the distinction between calendar period and collection period in

producing estimates. (See Section X.A. SURVEY SAMPLE DESIGN for a description of the panel rotation scheme.)

Respondents are asked to report expenditures made since the first of the month three months prior to the interview month. For example, if a CU is interviewed in February of 2003, they are reporting expenditures for November and December of 2002, and January of 2003. This is illustrated in the rotation chart below. The period between November 1 and January 31 is referred to as the reference period for the interview.

Month of Expenditure	Month of Interview					
	January Panel A	February Panel B	March Panel C	April Panel A	May Panel B	June Panel C
October	X					
November	X	X				
December	X	X	X			
January		X	X	X		
February			X	X	X	
March				X	X	X
April					X	X
May						X

Please note that UCCs 006001 and 006002 -- total amount owed to creditors (2nd and 5th interviews) -- do not adhere to the above mapping scheme. They are mapped to the month of the interview, *not* to preceding months.

The microdata files are organized and identified by collection period, i.e., the month of the interview. Thus, the MTAB file for the second quarter of 2003 contains expenditure data collected in interviews that took place in April, May, and June of 2003. Referring to the rotation chart, one can see that this MTAB file contains expenditures made between January 2003 and May 2003. Similarly, the MTAB file for the third quarter of 2003 (interviews conducted between July and September) contains expenditures made between April and August 2003. To obtain all expenditures made in January 2003, one should access the MTAB files for both the first and second quarters of 2003. The MTAB file for the first quarter of 2003 would contain January expenditures made by CUs interviewed in February and March 2003, while the MTAB file for the second quarter of 2003 would contain January expenditures made by CUs interviewed in April 2003.

As a consequence, users should be clear as to whether they desire estimates based on when expenditures were reported (collection period) or when expenditures were made (calendar period).

To produce an annual estimate for 2003 based on collection period, that is, from all interviews conducted in 2003, data users need data only from Q031 through Q034 files. However, to produce a 2003 annual estimate based on expenditures made in 2003 (calendar period), one needs to access five collection-quarter files, the first quarter of 2003 through the first quarter of 2004. (The estimates published by BLS are based on calendar periods that require the subsequent year's first quarter data).

The ITAB files are derived in a slightly different manner than MTAB. As was mentioned in the description of the ITAB file, the data on the file represents the conversion of annual and point-of-interview data into a monthly format compatible with MTAB. Looking at a CU interviewed in January 2003, as an example, nonfarm business income earned over the previous 12 months would be collected and recorded as such on the FMLY file. For the ITAB file, this annual amount would be divided by 12, and separate records would be created for October, November, and December each containing that amount.

The variables REF\_MO, REF\_YR, QINTRVMO, and QINTRVYR indicate reference month of expenditure, reference year of expenditure, interview month, and interview year, respectively. REF\_MO and REF\_YR, in the MTAB and ITAB files, can be used to select all data for the desired period in which expenditures were made. Because of the interview rotation pattern, there is a one-month to three-month

lag between the time an expenditure occurs and the time it is reported. QINTRVMO and QINTRVYR can be used to identify the collection reference period.

In addition to its effect on the selection of data prior to estimation, this distinction between collection period and calendar period also directly affects the estimation procedure for producing means. In computing means based on data collected from all CUs interviewed in a given time frame (e.g., year, quarter, 8 months), the potential contribution of each CU to the mean is the same. That is each CU can contribute data from the entire reference period to the estimate. On the other hand, in computing means based on expenditures made in a given time frame, the potential contribution of each CU to the mean varies depending on how closely the reference period for an interview coincides with the time frame desired. To see this more clearly, refer once again to the rotation chart. To compute a mean for expenditures made during the first quarter of the year, one would obtain data from CUs interviewed between February and June. However, their potential contributions to the mean are not equal. CUs interviewed in February only contribute 'one-third' of the expenditures they made during the reference period to the estimate (their January expenditures), while CUs interviewed in April contribute all their expenditures to the estimate.

As a result, the population (the denominator in the equation for a mean) has to be adjusted to account for the difference in contribution among CUs. At BLS, we create a variable, MO\_SCOPE that shows the number of months a CU's interview can contribute to the mean or is "in scope" for the time period the estimate will cover. All CUs interviewed in the same month will have identical values for MO\_SCOPE, as their potential contribution to the mean is the same. Thus, MO\_SCOPE will be conditioned on the value of QINTRVMO (and possibly QINTRVYR).

Continuing with our example of estimating a mean for expenditures made during the first quarter of the year, we would access data from files for the first and second quarter of the year. MO\_SCOPE would be derived as explained below.

```
If QINTRVMO is 1 then MO_SCOPE is 0
if QINTRVMO is 2 then MO_SCOPE is 1
if QINTRVMO is 3 then MO_SCOPE is 2
if QINTRVMO is 4 then MO_SCOPE is 3
if QINTRVMO is 5 then MO_SCOPE is 2
if QINTRVMO is 6 then MO_SCOPE is 1
```

Note that MO\_SCOPE has a value of 0 for CUs interviewed in January, as they report expenditures for October through December, totally outside the period of interest. One could extract a data set of only CUs interviewed between February and June to eliminate that condition. How MO\_SCOPE is used in estimation will be discussed later.

### **c. TIME PERIOD DIFFERENCES**

It has been mentioned previously that these files contain data that can cover a variety of time periods. Values for MTAB and ITAB variables are monthly. Values for variables on the FMLY and MEMB files can vary. For example income variables are for annual time periods and demographic variables are as of the time of interview. As such, users should pay particular attention to the descriptions of variables in the detailed listings of Section III.E. DETAILED VARIABLE DESCRIPTIONS.

This is particularly important where the user may have a choice between variables on two files that contain the same data adjusted to reflect different time periods. For instance, FMLY income data are annual covering the 12-month period prior to the collection month, whereas in ITAB these income data have been converted into monthly values. Selected demographic characteristic variables in the FMLY files contain values as of the date of interview. In the ITAB files, these values are treated as if they were "annual" amounts, and are converted to monthly records by dividing the values by 12. To illustrate each of these cases, the following example looks at a CU interviewed in April whose reference person is 60

years old at the time of interview and where CU income from wages and salaries over the previous 12 months is \$48,000.

<u>VARIABLE</u>	<u>FMLY</u> <u>AMOUNT</u>	<u>UCC</u>	<u>ITAB</u> <u>AMOUNT</u>	<u>MONTH</u>
FSALARYX	\$48,000	900000	\$4,000	JAN
		900000	\$4,000	FEB
		900000	\$4,000	MAR
AGE_REF	60	980020	5	JAN
			5	FEB
			5	MAR

Users should be aware of these time period differences when using the data.

**d. *COMPARISONS WITH PUBLISHED CE DATA***

The mean values for some income and expenditure items which appear in CE publications are different than those derived from the Interview public-use microdata because some variables are topcoded or suppressed on the public-use files, but are not so treated on BLS's own data base in producing published data. (For detailed topcoding information, see Section IV. TOPCODING AND OTHER NONDISCLOSURE REQUIREMENTS.)

**2. ESTIMATION OF UNWEIGHTED STATISTICS**

**a. *AGGREGATE STATISTICS***

To compute unweighted aggregate expenditures from data on the MTAB files, one would sum the value of the COST field for MTAB records of interest. These records could be selected on the basis of factors such as item category, month or year of occurrence, or characteristics of the CU or its members. While MTAB is a monthly file, there is no summation done at the monthly level for each CU for expenditures with similar UCC and gift characteristics. Thus one may find multiple MTAB records with identical characteristics including COST, if the CU reported the expenditures as discrete purchases. A similar approach can be applied to estimate aggregate income from data on the ITAB files, summing the VALUE field on the appropriate records.

Certain MTAB and ITAB item categories are collected only in the 5th interview. Therefore, the data are reported by only one-fourth of the sample at any time. For some categories, the reported values have been multiplied by 4 to expand them to represent the total sample, while in other categories, this has not been done. When estimating for these UCCs, values should be multiplied by 4 for total sample representation. (See Sections III.F.3 MONTHLY EXPENDITURES (MTAB) FILE and III.F.4 INCOME (ITAB) FILE.)

The estimation of aggregates for FMLY and MEMB file variables is similar to that for MTAB and ITAB variables. To estimate aggregates from data on the FMLY file, one would sum the value of the desired variable field for FMLY records selected on the basis of, for example, other CU characteristic variables on the FMLY file, characteristics of CU members, expenditures made, and month or year of interview. Aggregates for MEMB file variables would be developed in a similar fashion.

The user must be careful in interpreting what the aggregate represents because of the time period differences between variables on different files. For example, summing the COST field of MTAB

records representing purchases for a UCC that occurred in a specific month will yield an aggregate monthly expenditure for that UCC. However, summing the value of a FMLY file variable such as FSALARYX for all CUs interviewed in a specific month will yield an aggregate annual value for that variable.

In general, one can use an aggregate derived for a certain time period to extrapolate an aggregate estimate for a longer time period. A typical case is the estimation of annual aggregates based on an aggregate using less than 12 months of data. To do this, divide the number of months for which the estimate is desired (12) by the number of months of expenditure data being used and multiply the aggregate by that quotient.

## **b. MEANS**

There are two types of means that are customarily derived from CE data. The most common is the sample mean computed over all CUs. The other is the mean of those reporting computed over only those CUs actually reporting the item. The following sections look at each type of mean.

### **(i) SAMPLE MEANS**

Unweighted sample means are derived by computing an aggregate estimate for the desired item and dividing it by the sample size over the time period being estimated. Deriving an aggregate estimate has already been discussed; ascertaining the correct sample size is the next task.

The Interview survey is designed such that the CUs interviewed in each quarter represent one independent sample. Since there is one FMLY record for each sample CU, the national sample for the first quarter of 2003 is 8,086 CUs. (See Section III.B. RECORD COUNTS PER QUARTER.) The appropriate sample size for any time period will reflect the number of interviewed CUs eligible to report data over the period adjusted by the number of independent samples represented. As explained earlier, the major consideration is whether the desired estimate is a collection period estimate or a calendar period estimate.

To calculate the sample size for a collection period estimate, divide the total number of CUs interviewed by the quotient of the number of months in which these interviews occurred divided by 3. For example, one might wish to estimate the annual sample mean expenditure for men's shirts for all CUs interviewed in 2003. If one were to divide the aggregate expenditure on men's shirts from these interviews by the total number of CUs interviewed, one would get an annual sample mean about 1/4 as large as it should be, since the number of CUs interviewed represented four independent samples (one sample for each quarter of 2003). In fact, one would have derived the average quarterly sample mean rather than the annual sample mean. To get the annual sample mean, one would have to divide the total number of CUs interviewed by 4 (or 12 months divided by 3), thereby computing the average sample size over the year, and divide the aggregate by that amount.

As mentioned earlier, when one computes a calendar period estimate, the variable MO\_SCOPE is required to adjust the sample size for the difference in potential contribution among CUs. Since one independent sample of CUs is represented in each quarter, the sum of MO\_SCOPE for one quarter can be up to 3 times the independent sample (if MO\_SCOPE = 3 for every CU interviewed in the quarter, the sum of MO\_SCOPE would be equal 3 times the independent sample). To calculate the sample size for a calendar period estimate, sum MO\_SCOPE for the appropriate CUs and divide by 3. Note that this makes sense in those instances where MO\_SCOPE does not equal 3. Referring to the example where MO\_SCOPE was introduced, we can see that summing MO\_SCOPE for CUs interviewed in the second quarter of the year (QINTRVMO = 4-6) would yield approximately one independent sample as CUs interviewed in June would be counted twice while CUs interviewed in April would not be counted. Dividing this amount by 3 would yield a sample size of 1/3 the independent sample. Keep in mind that

only 1/3 of the expenditures reported in those interviews occurred within the time period of the aggregate being estimated. Only April data from May interviews and April-May data from June interviews would be included in the aggregate.

One can see how the computation of sample size is affected when one calculates the commonly-used annual calendar period estimate. A 2003 estimate would be based on data from interviews over five quarters. MO\_SCOPE would take on the following values:

	<b>Interview Month and Year</b>										
	<b>2003</b>					<b>2003</b>					
	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>		
<b>MO_SCOPE</b>	0	1	2	3	3	3	3	3	3		
			<b>2003</b>	<b>2004</b>		<b>2004</b>					
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>					
<b>MO_SCOPE</b>	3	3	3	3	2	1					

Summing MO\_SCOPE for each of the five quarters and dividing by 3 would yield a value of 1/3 the independent sample for the first quarter of 2003, 2/3 the independent sample for the first quarter of 2004, and one independent sample for the second, third, and fourth quarters of 2003. Summed over the five quarters, this represents 4 independent samples, so the result should be divided by 4 to get the correct sample size of one average independent sample. Thus, the general rule in computing sample size for deriving an annual calendar period estimate is to sum MO\_SCOPE over the five quarters and divide by 12.

**(ii) MEANS OF THOSE REPORTING**

The only difference between estimating a mean-of-those-reporting and estimating a sample mean is in selecting the appropriate CUs to use in the computation. The CUs to be used depend on the objective of the analysis. In deriving a sample mean, all sample units interviewed over the time period covered are included in the computation of sample size whether or not they reported the item being estimated. In computing a mean of those reporting, only those CUs reporting the desired item would be included. The aggregate estimate used in the numerator is the same in either case. The adjustments made for MO\_SCOPE and the fact that each quarter represents one independent sample would apply in this case as well. It should be noted that means of those reporting are not U.S. population estimates. They cannot be used to calculate total expenditures or expenditure shares for the U.S. population. They are useful only at the computed level.

**3. ESTIMATION OF WEIGHTED STATISTICS**

By applying weights when computing aggregates or means, one transforms the results from sample estimates to population estimates. There are 45 weight variables on the FMLY file, WTREP01-WTREP44 and FINLWT21. All the WTREP variables are half-sample replicate weights that should be used in variance computation. Use FINLWT21 to estimate weighted statistics for the population of CUs.

Users should follow the procedures for estimating unweighted statistics described above. When estimating weighted aggregates, the desired cost or value field should be multiplied by FINLWT21 at the CU level before summing across all appropriate records. In determining the proper sample size when computing collection period means, divide the sum of FINLWT21 for the CUs interviewed by the quotient of the number of months in which these interviews occurred divided by 3. Where calendar period means are to be estimated, multiply MO\_SCOPE by FINLWT21 for each CU prior to summing and dividing by 3.

## B. DESCRIPTION OF FORMULAS

Expenditure items will be referred to in these descriptions, but income items can be handled similarly except where otherwise stated.

### Definition of Terms:

Let

- $S$  = all CUs in the subpopulation of interest
- $x$  = item(s) of interest
- $q$  = number of months for which estimate is desired
- $m$  = number of months of interviews whose expenditures are to be used in calculating the estimate (collection period estimate)
- $r$  = number of months in which expenditures were made to be used in calculating the estimate (calendar period estimate)
- $j$  = individual CU in subpopulation  $S$
- $t$  = month of expenditure
- $i$  = month of interview
- $MSC$  = MO\_SCOPE value

Then

- $E_{j,x,i}$  = 3-month expenditure by  $CU_j$  on item  $x$  reported at month  $i$  interview
- $E_{j,x,t}$  = monthly expenditure by  $CU_j$  on item  $x$  made during month  $t$
- $W_{j,i,F21}$  = weight assigned to  $CU_j$  for interview at month  $i$
- $W_{j,t,F21}$  = weight assigned to  $CU_j$  for interview where  $CU_j$  makes expenditure during month  $t$

The F21 denotes FINLWT21, which is used for population estimates.

### 1. AGGREGATE EXPENDITURE ESTIMATES (UNWEIGHTED)

An estimate of unweighted aggregate expenditures for a collection period can be expressed as:

${}_{UK} X_{(S,x)(q,m)}$  = an unweighted collection (*UK*) period estimate of aggregate expenditures ( $X$ ) by CUs in subpopulation  $S$ , indexed from  $j = 1$  through  $k$ , on item  $x$  over  $q$  months of interviews, where data collected over  $m$  months of interviews are used.

or

$${}_{UK} X_{(S,x)(q,m)} = \frac{1}{m} \sum_{i=1}^m \sum_{j=1}^k E_{x,j,i}$$

An estimate of unweighted aggregate expenditures for a calendar period can be expressed as:

${}_{UC} X_{(S,x)(q,r)}$  = an unweighted calendar (*UC*) period estimate of aggregate expenditures ( $X$ ) by CUs in subpopulation  $S$ , indexed from  $j = 1$  through  $k$ , on item  $x$  over  $q$  months, where expenditures made over  $r$  months are used.

or

$$UC X_{(S,x)(q,t)} = \frac{\sum_{j=1}^k \sum_{i=1}^r E_{x,j} E_{x,i}}{m}$$

## 2. SAMPLE MEAN EXPENDITURE ESTIMATES (UNWEIGHTED)

An estimate of an unweighted mean expenditure for a collection period can be expressed as:

$UC \bar{X}_{(S,x)(q,m)}$  = an unweighted collection period estimate of the mean expenditure by CUs in subpopulation S on item x over a period of q months, where data collected over m months of interviews are used.

or

$$UC \bar{X}_{(S,x)(q,m)} = \frac{\sum_{j=1}^k \sum_{i=1}^m X_{(S,x)(q,m)} S_j}{m}$$

An estimate of an unweighted mean expenditure for a calendar period can be expressed as:

$UC \bar{X}_{(S,x)(q,t)}$  = an unweighted calendar period estimate of the mean expenditure by CUs in subpopulation S on item x over a period of q months, where expenditures made over r months are used.

or

$$UC \bar{X}_{(S,x)(q,t)} = \frac{\sum_{j=1}^k \sum_{i=1}^r X_{(S,x)(q,r)} S_j}{r}$$

Note: For  $t=1$ , MO\_SCOPE (MSC) = 0, since CUs interviewed in the first month for which the estimate is to be generated report expenditures outside the estimate period, i.e., in the previous quarter, month, etc. For  $t=(r+3)$ , MO\_SCOPE = 1 since only 1 month's worth of expenditures have a chance to contribute to the calendar period of r months.

### 3. AGGREGATE EXPENDITURE ESTIMATES (WEIGHTED)

An estimate of weighted aggregate expenditures for a collection period can be expressed as:

${}_{WK}X_{(S,x)(q,m)}$  = a weighted collection (WK) period estimate of aggregate expenditures by CUs in subpopulation S on item x over a period of q months, where data collected over m months of interviews are used.

or

$${}_{WK}X_{(S,x)(q,m)} = \frac{q}{m} \sum_{i=1}^m \sum_{j=1}^k (W_{j,F21} E_{x,j})_i$$

An estimate of weighted aggregate expenditures for a calendar period can be expressed as:

${}_{WC}X_{(S,x)(q,r)}$  = a weighted calendar (WC) period estimate of aggregate expenditures by CUs in subpopulation S on item x over q months, where expenditures made over r months are used.

or

$${}_{WC}X_{(S,x)(q,r)} = \frac{q}{r} \sum_{t=1}^r \sum_{j=1}^k (W_{j,F21} E_{x,j})_t$$

### 4. SAMPLE MEAN EXPENDITURE ESTIMATES (WEIGHTED)

An estimate of a weighted mean expenditure for a collection period can be expressed as:

${}_{WK}\bar{X}_{(S,x)(q,m)}$  = a weighted collection (WK) period estimate of the mean expenditure by CUs in subpopulation S on item x over a period of q months, where data collected over m months of interviews are used.

or

$${}_{WK}\bar{X}_{(S,x)(q,m)} = \frac{{}_{WK}X_{(S,x)(q,m)}}{m} \sum_{i=1}^m \sum_{j=1}^k W_{j,F21} E_{x,j}_i$$

An estimate of a weighted mean expenditure for a calendar period can be expressed as:

${}_{WC}\bar{X}_{(S,x)(q,r)}$  = a weighted calendar (WC) period estimate of the mean expenditure by CUs in subpopulation  $S$  on item  $x$  over a period of  $q$  months, where expenditures made over  $r$  months are used.

or

$${}_{WC}\bar{X}_{(S,x)(q,r)} = \frac{{}_{WC}X_{(S,x)(q,r)}}{r}$$

Note: For  $t=1$ , MO\_SCOPE (MSC) = 0, since CUs interviewed in the first month for which the estimate is to be generated report expenditures outside the estimate period, i.e., in the previous quarter, month, etc. For  $t = (r+3)$ , MO\_SCOPE = 1 since only 1 month's worth of expenditures have a chance to contribute to the calendar period of  $r$  months.

## VI. RELIABILITY STATEMENT

### A. DESCRIPTION OF SAMPLING AND NONSAMPLING ERRORS

Sample surveys are subject to two types of errors, sampling and non-sampling. Sampling errors occur because observations are not taken from the entire population. The standard error, which is the accepted measure for sampling error, is an estimate of the difference between the sample data and the data that would have been obtained from a complete census. The sample estimate and its estimated standard error enable one to construct confidence intervals.

Assuming the normal distribution applies to the means of expenditures, the following statements can be made:

- 1) The chances that an estimate from a given sample would differ from a complete census figure by less than one standard error are approximately 68 out of 100.
- 2) The chances that the difference would be less than 1.6 times the standard error are approximately 90 out of 100.
- 3) The chances that the difference would be less than two times the standard error are approximately 95 out of 100.

Nonsampling errors can be attributed to many sources, such as definitional difficulties, differences in the interpretation of questions, inability or unwillingness of the respondent to provide correct information, mistakes in recording or coding the data obtained, and other errors of collection, response, processing, coverage, and estimation of missing data. The full extent of the nonsampling error is unknown. Estimates using a small number of observations are less reliable. A small amount of nonsampling error can cause a small difference to appear significant even when it is not. It is probable that the levels of estimated expenditures obtained in the Interview survey are generally lower than the "true" level due to the above factors.

## B. ESTIMATING SAMPLING ERROR

### 1. VARIANCE ESTIMATION

Variances can be estimated in many ways. The method illustrated below (a pseudo replication technique) is chosen because it is accurate and simple to understand. The basic idea is to construct several artificial "subsamples" from the original sample data such that the variance information of the original data is preserved in the subsamples. The subsamples (or pseudo replicates) can then be used to approximate variances for the estimates. Forty-four separate subsamples can be extracted from the data base using the replicate weight variables, WTREP01-WTREP44, associated with each CU. Note that only half of the CU's are assigned to each of the 44 replicates. The replicate weight variable contains a value greater than 0 for CU's assigned to that replicate. A value of missing is assigned to the weight variable for those CU's not included in a particular replicate.

The notation for the weighted collection period and calendar period estimates of aggregate expenditures in Section V.B.3 AGGREGATE EXPENDITURE ESTIMATES (WEIGHTED) does not explicitly identify the replicate as a variable because to calculate an aggregate (or mean) only FINLWT21 is used.

An estimate for the variance of an aggregate or mean estimate can be computed by generating 44 separate estimates using the 44 replicate weights and employing the standard formula for computing sample variance. To illustrate the estimation of variance, the notation must first be expanded to include the replicates explicitly.

Expenditure items will be referred to in these descriptions, but income items can be handled similarly except where otherwise stated.

Let the subscript "a" represent one of the 44 sets of replicate weights on the FMLY files. Following the earlier notation in Section V.B., we have.

$AK X_{(S,x)(q,m),a}$  = a collection period estimate of aggregate expenditures by CU's in subpopulation S on item x over a period of q months, using data collected over m months of interviews, calculated using the weights of the a<sup>th</sup> replicate

and,

$AK \bar{X}_{(S,x)(q,m),a}$  = a collection period estimate of the mean expenditure by CU's in subpopulation S on item x over a period of q months, using data collected over m months of interviews, calculated using the weights of the a<sup>th</sup> replicate

Note that an estimate using any one of the first 44 replicate weights uses only part of the expenditure data; in general:  $AK X_{S,x,q,m,1}, \dots, AK X_{S,x,q,m,44}$  ?  $WK X_{S,x,q,m}$

Using standard variance formula, the variance of aggregate expenditures can be estimated as follows:

$$V_{WK X_{S,x,q,m}} = \frac{1}{44} \sum_{a=1}^{44} (AK X_{S,x,q,m,a} - \bar{X}_{S,x,q,m})^2$$

Similarly, estimates for the variances of  ${}_{WK} \bar{X}_{(S,X)(q,m)}$  can be given as:

$$V({}_{WK} \bar{X}_{(S,X)(q,m)}) = \frac{1}{44} \sum_{a=1}^{44} ({}_{AK} \bar{X}_{(S,X)(q,m),a} - {}_{WK} \bar{X}_{(S,X)(q,m)})^2$$

## 2. STANDARD ERROR OF THE MEAN

The standard error of the mean,  $S.E.(\bar{X})$ , is used to obtain confidence intervals that evaluate how close the estimate may be to the true population mean.  $S.E.(\bar{X})$  is defined as the square root of the variance of the mean. For example, the weighted calendar period estimated mean expenditure for total food by complete income reporters in 2003 is \$5,267.69. The standard error for this estimate is \$34.31. A 95 percent confidence interval can be constructed around this estimate, bounded by values 1.96 times the standard error less than and greater than the estimate, that is, from \$5,200.44 to \$5,334.94. We could conclude with 95 percent confidence that the true population mean expenditure for food for total complete income reporters in 2003 lies within the interval \$5,200.44 to \$5,334.94.

## 3. STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS

Standard errors may also be used to perform hypothesis testing, a procedure that evaluates population parameters using sample estimates. The most common types of hypotheses are: 1) the population parameters are identical, and 2) they are different.

For example, the 2002 mean expenditure estimate for apparel and services for complete income reporters in the \$30,000 to \$39,999 income range is \$963.85 and the estimate for complete income reporters in the \$40,000 to \$49,999 income range is \$1,089.33. The apparent difference between the two mean expenditures is \$125.48. The standard error on the estimate of \$963.85 is \$48.22 and the estimated standard error for \$1,089.33 is \$50.40.

The standard error of a difference is approximately equal to

$$S.E.({}_{WC} \bar{X}_1 - {}_{WC} \bar{X}_2) = \sqrt{V({}_{WC} \bar{X}_1) + V({}_{WC} \bar{X}_2)} \quad (1)$$

where

$$V(\bar{X}_i) = (S.E.(\bar{X}_i))^2$$

This assumes the two sample means,  ${}_{WC} \bar{X}_1$  and  ${}_{WC} \bar{X}_2$ , are disjoint subsets of the population. Hence the standard error of the difference in apparel and services expenditures between these two income groups of complete income reporters is about

$$\sqrt{(48.62)^2 + (41.99)^2} = 64.24 \quad (2)$$

This means that the 95 percent confidence interval around the difference is from -\$262.19 to \$11.23. Since this interval does include zero, we can conclude with 95 percent confidence that the mean apparel and services expenditures for complete reporters in the \$40,000 to \$49,999 income range is not

different than the mean apparel and services expenditures for complete reporters in the \$30,000 to \$39,999 income range.

Analyses of the difference between two estimates can also be performed on nondisjoint sets of population, where one is a subset of the other. The formula for computing the standard error of the difference between two nondisjoint estimates is

$$S.E.(\bar{X}_1, \bar{X}_2) = \sqrt{V(\bar{X}_1) + V(\bar{X}_2) - 2r\sqrt{V(\bar{X}_1)V(\bar{X}_2)}} \quad (3)$$

where

$$V(\bar{X}_i) = \frac{S.E.(\bar{X}_i)^2}{n}$$

and where  $r$  is the correlation coefficient between  $\bar{X}_1$  and  $\bar{X}_2$ . The correlation coefficient is generally no greater than 0.2 for CE estimates.

## VII. MICRODATA VERIFICATION AND ESTIMATION METHODOLOGY

This section is designed to help users become familiar with the microdata files. The following program gives users a benchmark to verify that their copy of the CD-ROM contains valid data, illustrates the methodology CE uses in producing publication tables, and offers an example of coding to access the data and produce a sample table. The program is written in SAS and shows usage of the SAS data sets available on the SAS CD-ROM. A program written in SAS but utilizing the ASCII data sets is present on the ASCII CD-ROM but will not be referenced here. Refer to the output file on the CD to check output. (Note: CE data published by BLS may not match some values estimated using the microdata due to topcoding of data and CE publication programming methodology.) All variables and ranges referred to in the program are described in detail in Section III.F. DETAILED VARIABLE DESCRIPTIONS in this documentation.

This program produces a table of selected expenditures by income class of the CU. The first section of the program extracts the relevant variables from the FMLY files, while the second section extracts the expenditure and income data from the MTAB and ITAB files. These three data sets are then used along with the ISTUB processing file to construct the sample table output. This output is the product of two SAS arrays. The values in one array are divided by the value in the other array to obtain weighted mean expenditures. The base, or denominator, for the division is a vector consisting of the weighted total population for the U.S. and selected income class categories. The numerator is a matrix of aggregate weighted costs for each line item in the table for the total U.S. population and each income class category.

It should be emphasized that this program has been written solely for the verification of the microdata and as an illustration of the CE estimation methodology. It should not be used for any other purpose.

Note: This program processes large amounts of data. If you are using a PC with limited capabilities it may be necessary to run this program in sections.

## A. SAMPLE PROGRAM

**NOTE:** Copyright (c) 1999-2001 by SAS Institute Inc., Cary, NC, USA.

**NOTE:** SAS (r) Proprietary Software Release 8.2 (TS2M0)  
Licensed to BUREAU OF LABOR STATISTICS, Site 0034757167.

**NOTE:** This session is executing on the WIN\_PRO platform.

**NOTE:** SAS initialization used:

```
real time      8.48 seconds
cpu time       0.45 seconds
```

```

1      /*****
2      /* PROGRAM NAME: CEX INTERVIEW SURVEY SAMPLE PROGRAM (SAS)          */
3      /* LOCATION: D:\PROGRAMS                                           */
4      /* FUNCTION: CREATE AN INTERVIEW SURVEY EXPENDITURE TABLE BY INCOME CLASS */
5      /*      USING MICRODATA FROM THE BUREAU OF LABOR STATISTIC'S CONSUMER */
6      /*      EXPENDITURE SURVEY.                                         */
7      /*                                                                    */
8      /* WRITTEN BY: ERIC KEIL                                           */
9      /* MODIFICATIONS:                                                 */
10     /* DATE-      MODIFIED BY-      REASON-                            */
11     /* -----      -----      -----                              */
12     /* 03/21/02   ERIC KEIL         IMPROVE EFFICIENCY                 */
13     /* 10/22/03   ERIC KEIL         UPDATE FOR 2002 DATA             */
14     /* 11/20/03   ERIC KEIL         INCLUDE ROUTINE TO AGGREGATE EASIER */
15     /*                                                                    */
16     /* FOR SAS VERSION 8 OR HIGHER                                       */
17     /*                                                                    */
18     /*****
19
20
21     %LET YEAR = 2003;
22     %LET DRIVE = D;
23
24
25     /*****
26     /* STEP1: READ IN THE STUB PARAMETER FILE AND CREATE FORMATS          */
27     /* -----
28     /* 1 CONVERTS THE STUB PARAMETER FILE INTO A LABEL FILE FOR OUTPUT    */
29     /* 2 CONVERTS THE STUB PARAMETER FILE INTO AN EXPENDITURE AGGREGATION FILE */
30     /* 3 CREATES FORMATS FOR USE IN OTHER PROCEDURES                     */
31     /*****
32
33
34     %LET YR1 = %SUBSTR(&YEAR,3,2);
35     %LET YR2 = %SUBSTR(%EVAL(&YEAR+1),3,2);
36
37     LIBNAME I&YR1 "&DRIVE.\INTRVW&YR1";
NOTE: Libref I03 was successfully assigned as follows:
Engine:      V8
Physical Name: C:\INTRVW03
38
39
40     DATA STUBFILE (KEEP= COUNT TYPE LEVEL TITLE UCC SURVEY GROUP LINE);
41     INFILE "&DRIVE.\PROGRAMS\ISTUB&YEAR..TXT"
42     PAD MISSOEVER;
43     INPUT @1 TYPE $1. @ 4 LEVEL $1. @7 TITLE $60. @70 UCC $6.
44           @80 SURVEY $1. @86 GROUP $7.;
45     IF (TYPE = '1');
46     IF GROUP IN ('CUCHARS' 'FOOD' 'EXPEND' 'INCOME');
47
48     RETAIN COUNT 9999;
49     COUNT + 1;
50     LINE = PUT(COUNT, $5.)||LEVEL ;
WARNING: Variable COUNT has already been defined as numeric.
51     /* READS IN THE STUB PARAMETER FILE AND CREATES LINE NUMBERS FOR UCCS */
52     /* A UNIQUE LINE NUMBER IS ASSIGNED TO EACH EXPENDITURE LINE ITEM    */
53     RUN;

```

Sets the calendar year and drive used as macro variables that can be used throughout the program.

Reads in the aggregation stub file and dynamically creates numbers associated with each expenditure line item.

Note: This aggregation file can be modified to accommodate any customized aggregation scheme.

One needs only to make sure that the column start positions in the file match the start positions in the input statement.

```

NOTE: The infile "C:\PROGRAMS\ISTUB2003.TXT" is:
      File Name=C:\PROGRAMS\ISTUB2003.TXT,
      RECFM=V,LRECL=256
NOTE: 1315 records were read from the infile "C:\PROGRAMS\ISTUB2003.TXT".
      The minimum record length was 33.
      The maximum record length was 132.
NOTE: The data set WORK.STUBFILE has 702 observations and 8 variables.
NOTE: DATA statement used:
      real time          0.39 seconds
      cpu time           0.04 seconds

54
55
56 DATA AGGFMT1 (KEEP= UCC LINE LINE1-LINE10);
57   SET STUBFILE;
58   LENGTH LINE1-LINE10 $6.;
59   ARRAY LINES(9) LINE1-LINE9;
60   IF (UCC > 'A') THEN
61     LINES(SUBSTR(LINE,6,1)) = LINE;
62   RETAIN LINE1-LINE9;
63   IF (UCC < 'A') THEN
64     LINE10 = LINE;
65   IF (LINE10);
66   /* MAPS LINE NUMBERS TO UCCS */
67 RUN;

NOTE: Character values have been converted to numeric values at the places given by:
(Line):(Column).
      61:15   65:7
NOTE: There were 702 observations read from the data set WORK.STUBFILE.
NOTE: The data set WORK.AGGFMT1 has 571 observations and 12 variables.
NOTE: DATA statement used:
      real time          0.10 seconds
      cpu time           0.01 seconds

68
69
70 PROC SORT DATA= AGGFMT1 (RENAME=(LINE= COMPARE));
71   BY UCC;
72 RUN;

NOTE: There were 571 observations read from the data set WORK.AGGFMT1.
NOTE: The data set WORK.AGGFMT1 has 571 observations and 12 variables.
NOTE: PROCEDURE SORT used:
      real time          0.11 seconds
      cpu time           0.00 seconds

73
74
75 PROC TRANSPOSE DATA= AGGFMT1 OUT= AGGFMT2 (RENAME=(COL1= LINE));
76   BY UCC COMPARE;
77   VAR LINE1-LINE10;
78 RUN;

NOTE: There were 571 observations read from the data set WORK.AGGFMT1.
NOTE: The data set WORK.AGGFMT2 has 5710 observations and 4 variables.
NOTE: PROCEDURE TRANSPOSE used:
      real time          0.17 seconds
      cpu time           0.01 seconds

79
80
81 DATA AGGFMT (KEEP= UCC LINE);
82   SET AGGFMT2;
83   IF LINE;
84   IF SUBSTR(COMPARE,6,1) > SUBSTR(LINE,6,1) OR COMPARE=LINE;
85   /* AGGREGATION FILE. EXTRANEIOUS MAPPINGS ARE DELETED          */
86   /* PROC SQL WILL AGGANGE LINE#/UCC PAIRS FOR USE IN PROC FORMAT */
87 RUN;

NOTE: Character values have been converted to numeric values at the places given by:

```

Subsequent program steps manipulate the aggregation stub file into a dataset that associates UCCs with line numbers.

(Line):(Column). 83:8

NOTE: There were 5710 observations read from the data set WORK.AGGFMT2.

NOTE: The data set WORK.AGGFMT has 2701 observations and 2 variables.

NOTE: DATA statement used:

```
real time      0.01 seconds
cpu time       0.01 seconds
```

88

89

90 PROC SQL NOPRINT;

91 SELECT UCC, LINE, COUNT(\*)

92 INTO :UCCS SEPARATED BY " ",

93 :LINES SEPARATED BY " ",

94 :CNT

95 FROM AGGFMT;

NOTE: The query requires remerging summary statistics back with the original data.

96 QUIT;

NOTE: PROCEDURE SQL used:

```
real time      0.84 seconds
cpu time       0.00 seconds
```

97 RUN;

98

99

100 %MACRO MAPPING;

101 %DO I = 1 %TO &CNT;

102 "%SCAN(&UCCS,&I,%STR( ))" = "%SCAN(&LINES,&I,%STR( ))"

103 %END;

104 %MEND MAPPING;

105

106

107 DATA LBLFMT (RENAME=(LINE= START TITLE= LABEL));

108 SET STUBFILE (KEEP= LINE TITLE);

109 RETAIN FMTNAME 'LBLFMT' TYPE 'C';

110 /\* LABEL FILE. LINE NUMBERS ARE ASSIGNED A TEXT LABEL \*/

111 /\* DATASET CONSTRUCTED TO BE READ INTO A PROC FORMAT \*/

112 RUN;

NOTE: There were 702 observations read from the data set WORK.STUBFILE.

NOTE: The data set WORK.LBLFMT has 702 observations and 4 variables.

NOTE: DATA statement used:

```
real time      0.01 seconds
cpu time       0.00 seconds
```

113

114

115 PROC FORMAT;

116

117 VALUE \$AGGFMT (MULTILABEL)

118 %MAPPING

119 OTHER= 'OTHER' ;

NOTE: Format \$AGGFMT has been output.

120 /\* CREATE AGGREGATION FORMAT \*/

121

122

123 VALUE \$INC (MULTILABEL)

124 '01' = '01'

125 '01' = '11'

126 '02' = '02'

127 '02' = '11'

128 '03' = '03'

129 '03' = '11'

130 '04' = '04'

131 '04' = '11'

132 '05' = '05'

133 '05' = '11'

134 '06' = '06'

135 '06' = '11'

136 '07' = '07'

137 '07' = '11'

Creates a Dataset that can be used to associate titles with line numbers with a format procedure.

Formats:

Puts the aggregation scheme into a SAS format.

Puts the income groupings into a SAS format.

Note: The multilabel option is necessary in the aggregation format and income format since multiple mappings occur. This option is available in SAS V8 or higher.

```

138 '08' = '08'
139 '08' = '11'
140 '09' = '09'
141 '09' = '11'
142 '10' = '10';

NOTE: Format $INC has been output.
143 /* CREATE INCOME CLASS FORMAT */
144 RUN;

NOTE: PROCEDURE FORMAT used:
      real time      22.67 seconds
      cpu time       22.18 seconds

145
146
147 PROC FORMAT LIBRARY= WORK CNTLIN= LBLFMT;
NOTE: Format $LBLFMT has been output.
148 /* CREATE LABEL FILE FORMATS */
149 RUN;

NOTE: PROCEDURE FORMAT used:
      real time      0.01 seconds
      cpu time       0.01 seconds

NOTE: There were 702 observations read from the data set WORK.LBLFMT.

150
151
152 /*****
153 /* STEP2: READ IN ALL NEEDED DATA FROM THE CD-ROM */
154 /* ----- */
155 /* 1 READ IN THE INTERVIEW FMLY FILES & CREATE THE MO_SCOPE VARIABLE */
156 /* 2 READ IN THE INTERVIEW MTAB AND ITAB FILES */
157 /* 3 MERGE FMLY AND EXPENDITURE FILES TO DERIVE WEIGHTED EXPENDITURES */
158 /*****
159
160
161 DATA FMLY (KEEP = NEWID INCLASS WTREP01-WTREP44 FINLWT21 REPWT1-REPWT45);
162
163 SET I&YR1..FMLI&YR1.1X (IN = FIRSTQTR)
164     I&YR1..FMLI&YR1.2
165     I&YR1..FMLI&YR1.3
166     I&YR1..FMLI&YR1.4
167     I&YR1..FMLI&YR2.1 (IN = LASTQTR);
168 BY NEWID;
169 /* READ IN FMLY FILE DATA */
170
171 IF FIRSTQTR THEN
172     MO_SCOPE = (QINTRVMO - 1);
173 ELSE IF LASTQTR THEN
174     MO_SCOPE = (4 - QINTRVMO);
175 ELSE
176     MO_SCOPE = 3;
177 /* CREATE MONTH IN SCOPE VARIABLE (MO_SCOPE) */
178
179 ARRAY REPS_A(45) WTREP01-WTREP44 FINLWT21;
180 ARRAY REPS_B(45) REPWT1-REPWT45;
181
182 DO i = 1 TO 45;
183     IF REPS_A(i) > 0 THEN
184         REPS_B(i) = (REPS_A(i) * MO_SCOPE / 12);
185     ELSE REPS_B(i) = 0;
186 END;
187 /* ADJUST WEIGHTS BY MO_SCOPE TO ACCOUNT FOR SAMPLE ROTATION */
188 RUN;

NOTE: Character values have been converted to numeric values at the places given by:
(Line):(Column).
      172:19  174:23
NOTE: There were 8086 observations read from the data set I03.FMLI031X.

```

Puts the titles into a SAS format for use in the final output.

Reads in the necessary variables from the fmly files. Newid is the code given to a consumer unit each time it participates. Finlwt21 and Wtrep01-Wtrep44 are weight variables used to weight each consumer unit such that it represents some portion of the population. Inclass is a code that represents the range within which the consumer unit's annual income falls.

Lines 171-176 create the variable mo\_scope. Mo\_scope is used to calculate calendar year, as opposed to collection year, estimates. It is used in conjunction with weights to determine populations. NOTE: More information on mo\_scope can be found in the ESTIMATION PROCEDURES section of this documentation.

Lines 182-186 create weights that are mo\_scope adjusted to account for sample rotation.

```

NOTE: There were 8196 observations read from the data set I03.FMLI032.
NOTE: There were 8072 observations read from the data set I03.FMLI033.
NOTE: There were 8044 observations read from the data set I03.FMLI034.
NOTE: There were 7976 observations read from the data set I03.FMLI041.
NOTE: The data set WORK.FMLY has 40374 observations and 92 variables.
NOTE: DATA statement used:
      real time          20.76 seconds
      cpu time           1.28 seconds

189
190
191
192 DATA EXPEND (KEEP=NEWID UCC COST);
193
194   SET I&YR1..MTBI&YR1.1X
195       I&YR1..MTBI&YR1.2
196       I&YR1..MTBI&YR1.3
197       I&YR1..MTBI&YR1.4
198       I&YR1..MTBI&YR2.1
199
200       I&YR1..ITBI&YR1.1X (RENAME=(VALUE=COST))
201       I&YR1..ITBI&YR1.2 (RENAME=(VALUE=COST))
202       I&YR1..ITBI&YR1.3 (RENAME=(VALUE=COST))
203       I&YR1..ITBI&YR1.4 (RENAME=(VALUE=COST))
204       I&YR1..ITBI&YR2.1 (RENAME=(VALUE=COST));
205   BY NEWID;
206
207   IF REFYR = "&YEAR" OR REF_YR = "&YEAR";
208   IF UCC = '710110' THEN
209       COST = (COST * 4);
210   /* READ IN MTAB AND ITAB EXPENDITURE AND INCOME DATA */
211   /* ADJUST UCC 710110 TO ANNUALIZE */
212 RUN;

NOTE: There were 735461 observations read from the data set I03.MTBI031X.
NOTE: There were 677105 observations read from the data set I03.MTBI032.
NOTE: There were 666895 observations read from the data set I03.MTBI033.
NOTE: There were 666500 observations read from the data set I03.MTBI034.
NOTE: There were 689817 observations read from the data set I03.MTBI041.
NOTE: There were 406296 observations read from the data set I03.ITBI031X.
NOTE: There were 441582 observations read from the data set I03.ITBI032.
NOTE: There were 435531 observations read from the data set I03.ITBI033.
NOTE: There were 435594 observations read from the data set I03.ITBI034.
NOTE: There were 433131 observations read from the data set I03.ITBI041.
NOTE: The data set WORK.EXPEND has 4454758 observations and 3 variables.
NOTE: DATA statement used:
      real time          13.28 seconds
      cpu time           3.81 seconds

213
214
215
216 DATA PUBFILE (KEEP = NEWID INCLASS UCC RCOST1-RCOST45);
217   MERGE FMLY (IN = INFAM)
218       EXPEND (IN = INEXP);
219   BY NEWID;
220   IF INEXP AND INFAM;
221
222   IF COST = . THEN
223       COST = 0;
224
225   ARRAY REPS_A(45) WTREP01-WTREP44 FINLWT21;
226   ARRAY REPS_B(45) RCOST1-RCOST45;
227
228   DO i = 1 TO 45;
229       IF REPS_A(i) > 0
230           THEN REPS_B(i) = (REPS_A(i) * COST);
231       ELSE REPS_B(i) = 0;
232   END;
233   /* MERGE FMLY FILE WEIGHTS AND CHARACTERISTICS WITH MTAB/ITAB COSTS */
234   /* MULTIPLY COSTS BY WEIGHTS TO DERIVE WEIGHTED COSTS */

```

Reads in all MTAB expenditure data and ITAB income data.

Newid is the consumer unit code. UCC is a code that represents the type of expenditure variable. Cost is the value that corresponds to the UCC code.

Refy and Ref\_yr are the reference year of the expenditure. These are set such that any expenditure outside of the desired reference year is excluded.

UCC 710110 must be adjusted because only one-fourth of all consumer units interviewed in a quarter are asked this question (those in the 5<sup>th</sup> interview).

Merges the FMLY and EXPEND data sets together and changes missing cost values to zero.

Weights the cost values by the 44 replicate weights and full sample weight. RCOST1-RCOST45 represents the weighted costs for each expenditure.

235 RUN;

NOTE: There were 40374 observations read from the data set WORK.FMLY.  
NOTE: There were 4454758 observations read from the data set WORK.EXPEND.  
NOTE: The data set WORK.PUBFILE has 4454758 observations and 48 variables.  
NOTE: DATA statement used:  
real time 3:19.09  
cpu time 2:34.37

236  
237  
238 /\*\*\*\*\*  
239 /\* STEP3: CALCULATE POPULATIONS \*/  
240 /\* ----- \*/  
241 /\* 1 SUM ALL 45 WEIGHT VARIABLES TO DERIVE REPLICATE POPULATIONS \*/  
242 /\* 2 FORMAT FOR CORRECT COLUMN CLASSIFICATIONS \*/  
243 /\*\*\*\*\*

244  
245  
246 PROC SUMMARY NWAY DATA=FMLY;  
247 CLASS INCLASS / MLF;  
248 VAR REPWT1-REPWT45;  
249 FORMAT INCLASS \$INC. ;  
250 OUTPUT OUT = POP (DROP = \_TYPE\_ \_FREQ\_) SUM = RPOP1-RPOP45;  
251 /\* SUMS WEIGHTS TO CREATE POPULATIONS PER REPLICATE \*/  
252 /\* FORMATS TO CORRECT COLUMN CLASSIFICATIONS \*/  
253 RUN;

NOTE: There were 40374 observations read from the data set WORK.FMLY.  
NOTE: The data set WORK.POP has 11 observations and 46 variables.  
NOTE: PROCEDURE SUMMARY used:  
real time 4.75 seconds  
cpu time 0.23 seconds

254  
255  
256  
257 /\*\*\*\*\*  
258 /\* STEP4: CALCULATE WEIGHTED AGGREGATE EXPENDITURES \*/  
259 /\* ----- \*/  
260 /\* 1 SUM THE 45 REPLICATE WEIGHTED EXPENDITURES TO DERIVE AGGREGATES \*/  
261 /\* 2 FORMAT FOR CORRECT COLUMN CLASSIFICATIONS AND AGGREGATION SCHEME \*/  
262 /\*\*\*\*\*

263  
264  
265 PROC SUMMARY NWAY DATA=PUBFILE SUMSIZE=MAX COMPLETETYPES;  
266 CLASS UCC INCLASS / MLF;  
267 VAR RCOST1-RCOST45;  
268 FORMAT UCC \$AGGFMT. INCLASS \$INC. ;  
269 OUTPUT OUT=AGG (DROP= \_TYPE\_ \_FREQ\_ RENAME=(UCC=LINE))  
270 SUM = RCOST1-RCOST45;  
271 /\* SUMS WEIGHTED COSTS PER REPLICATE TO GET AGGREGATES \*/  
272 /\* FORMATS INCOME TO CREATE COMPLETE REPORTING COLUMN \*/  
273 /\* FORMATS EXPENDITURES TO CORRECT AGGREGATION SCHEME \*/  
274 RUN;

NOTE: There were 4454758 observations read from the data set WORK.PUBFILE.  
NOTE: The data set WORK.AGG has 7414 observations and 47 variables.  
NOTE: PROCEDURE SUMMARY used:  
real time 1:30.45  
cpu time 1:18.28

275  
276  
277  
278 /\*\*\*\*\*  
279 /\* STEP5: CALCUL TATE MEAN EXPENDITURES \*/  
280 /\* ----- \*/  
281 /\* 1 READ IN POPULATIONS AND LOAD INTO MEMORY USING A 2 DIMENSIONAL ARRAY \*/  
282 /\* POPULATIONS ARE ASSOCIATED BY INCLASS(i), AND REPLICATE(j) \*/  
283 /\* 2 READ IN AGGREGATE EXPENDITURES FROM AGG DATASET \*/

The weights in the FMLY file are summed to create replicate populations and the full US population for each income class.

Replicate populations (Repwt1-Repwt44) and the US population (Repwt45) are used as the denominator in means estimation.

Weighted costs are summed and formatted into income classes and by the aggregation scheme of the stub file. These aggregate expenditures will become the numerator in means estimation.

```

284 /* CALCULATE MEANS BY DIVIDING AGGREGATES BY CORRECT SOURCE POPULATIONS */
285 /* 4 CALCULATE STANDARD ERRORS USING REPLICATE FORMULA */
286 /*****
287
288
289 DATA TAB1 (KEEP = LINE MEAN SE);
290
291 /* READS IN POP DATASET. _TEMPORARY_ LOADS POPULATIONS INTO SYSTEM MEMORY */
292 ARRAY POP{01:11,45} _TEMPORARY_;
293 IF _N_ = 1 THEN DO i = 1 TO 11;
294     SET POP;
295     ARRAY REPS(45) RPOP1-RPOP45;
296     DO j = 1 TO 45;
297         POP{INCLASS,j} = REPS(j);
298     END;
299 END;
300
301 /* READS IN AGG DATASET AND CALCULATES MEANS BY DIVIDING BY POPULATIONS */
302 SET AGG (KEEP = LINE INCLASS RCOST1-RCOST45);
303 ARRAY AGGS(45) RCOST1-RCOST45;
304 ARRAY AVGS(45) MEAN1-MEAN44 MEAN;
305 DO k = 1 TO 45;
306     IF AGGS(k) = . THEN AGGS(k) = 0;
307     AVGS(k) = AGGS(k) / POP{INCLASS,k};
308 END;
309
310 /* CALCULATES STANDARD ERRORS USING REPLICATE FORMULA */
311 ARRAY RMNS(44) MEAN1-MEAN44;
312 ARRAY DIFF(44) DIFF1-DIFF44;
313 DO n = 1 TO 44;
314     DIFF(n) = (RMNS(n) - MEAN)**2;
315 END;
316 SE = SQRT((1/44)*SUM(OF DIFF(*)));
317 RUN;

```

This data step calculates means and standard errors:

Lines 292-299 reads in the column populations and stores them into temporary memory. Populations in memory are associated with INCLASS(i), and REPLICATE(j).

Line 302 reads in the aggregated expenditures.

Lines 305-308 calculates means by dividing the aggregate expenditures by the appropriate populations in memory as determined by INCLASS and REPLICATE.

Lines 313-316 calculates standard errors using the replicate weight formula.

**NOTE:** Character values have been converted to numeric values at the places given by:  
(Line):(Column).

297:13 307:33

**NOTE:** There were 11 observations read from the data set WORK.POP.

**NOTE:** There were 7414 observations read from the data set WORK.AGG.

**NOTE:** The data set WORK.TAB1 has 7414 observations and 3 variables.

**NOTE:** DATA statement used:

```

real time      1.10 seconds
cpu time       0.71 seconds

```

```

318
319
320
321 /*****
322 /* STEP6: TABULATE EXPENDITURES */
323 /* ----- */
324 /* 1 ARRANGE DATA INTO TABULAR FORM */
325 /* 2 SET OUT INTERVIEW POPULATIONS FOR POPULATION LINE ITEM */
326 /* 3 INSERT POPULATION LINE INTO TABLE */
327 /* 4 INSERT ZERO EXPENDITURE LINE ITEMS INTO TABLE FOR COMPLETENESS */
328 /*****
329
330
331 PROC TRANSPOSE DATA=TAB1 OUT=TAB2
332     NAME = ESTIMATE PREFIX = INCLASS;
333     BY LINE;
334     VAR MEAN SE;
335 /*ARRANGE DATA INTO TABULAR FORM */
336 RUN;

```

Arranges output for tabulation. This will give a rough expenditure table.

**NOTE:** There were 7414 observations read from the data set WORK.TAB1.

**NOTE:** The data set WORK.TAB2 has 1348 observations and 13 variables.

**NOTE:** PROCEDURE TRANSPOSE used:

```

real time      0.10 seconds
cpu time       0.03 seconds

```

```

337
338
339 PROC TRANSPOSE DATA=POP (KEEP = RPOP45) OUT=CUS
340   NAME = LINE PREFIX = INCLASS;
341   VAR RPOP45;
342   /* SET ASIDE POPULATIONS FROM INTERVIEW */
343 RUN;

NOTE: There were 11 observations read from the data set WORK.POP.
NOTE: The data set WORK.CUS has 1 observations and 12 variables.
NOTE: PROCEDURE TRANSPOSE used:
      real time          0.03 seconds
      cpu time           0.01 seconds

344
345
346 DATA TAB3;
347   SET CUS TAB2;
348   IF LINE = 'RPOP45' THEN DO;
349     LINE = '100001';
350     ESTIMATE = 'N';
351   END;
352   /* INSERT POPULATION LINE ITEM INTO TABLE AND ASSIGN LINE NUMBER */
353 RUN;

NOTE: There were 1 observations read from the data set WORK.CUS.
NOTE: There were 1348 observations read from the data set WORK.TAB2.
NOTE: The data set WORK.TAB3 has 1349 observations and 13 variables.
NOTE: DATA statement used:
      real time          0.07 seconds
      cpu time           0.01 seconds

354
355
356 DATA TAB;
357   MERGE TAB3 STUBFILE;
358   BY LINE;
359   IF LINE NE '100001' THEN DO;
360     IF SURVEY = 'S' THEN DELETE;
361   END;
362   ARRAY CNTRL(11) INCLASS1-INCLASS11;
363   DO i = 1 TO 11;
364     IF CNTRL(i) = . THEN CNTRL(i) = 0;
365     IF SUM(OF CNTRL(*)) = 0 THEN ESTIMATE = 'MEAN';
366   END;
367   /* MERGE STUBFILE BACK INTO TABLE TO INSERT EXPENDITURE LINES */
368   /* THAT HAD ZERO EXPENDITURES FOR THE YEAR */
369 RUN;

NOTE: There were 1349 observations read from the data set WORK.TAB3.
NOTE: There were 702 observations read from the data set WORK.STUBFILE.
NOTE: The data set WORK.TAB has 1374 observations and 21 variables.
NOTE: DATA statement used:
      real time          0.17 seconds
      cpu time           0.01 seconds

370
371
372 PROC TABULATE DATA=TAB;
373   CLASS LINE / GROUPINTERNAL ORDER=DATA;
374   CLASS ESTIMATE;
375   VAR INCLASS1-INCLASS11;
376   FORMAT LINE $LBLFMT.;
377
378   TABLE (LINE * ESTIMATE), (INCLASS11 INCLASS1 INCLASS2 INCLASS3 INCLASS4
379     INCLASS5 INCLASS6 INCLASS7 INCLASS8 INCLASS9)
380   *SUM=' ' / RTS=25;
381   LABEL ESTIMATE=ESTIMATE LINE=LINE
382     INCLASS1='LESS THAN $5,000' INCLASS2='$5,000 TO $9,999'
383     INCLASS3='$10,000 TO $14,999' INCLASS4='$15,000 TO $19,999'
384     INCLASS5='$20,000 TO $29,999' INCLASS6='$30,000 TO $39,999'

```

All populations are put into dataset POP. A special dataset, CUS, is created specifically for inserting the full US population into the output.

Population totals per income class are inserted into the output.

This data step further processes data by deleting unwanted table line items and inserting zero expenditure lines for items that are not reported. This is to get the output as close to publication tables as possible.

Tabulate the data. Line numbers are formatted to give titles.

```

385          INCLASS7='$40,000 TO $49,999' INCLASS8='$50,000 TO $69,999'
386          INCLASS9='$70,000 AND OVER'   INCLASS11='TOTAL COMPLETE REPORTING';
387          OPTIONS NODATE NOCENTER NONUMBER LS=167;
388          WHERE LINE NE 'OTHER';
389          TITLE "INTERVIEW EXPENDITURES FOR &YEAR BY INCOME BEFORE TAXES";
390
391 RUN;

```

**NOTE:** There were 1372 observations read from the data set WORK.TAB.  
WHERE LINE not = 'OTHER';

**NOTE:** PROCEDURE TABULATE used:  
real time 1.31 seconds  
cpu time 0.07 seconds

## B. OUTPUT

Sample program output is stored as a separate file in the Programs folder on the CD.

## VIII.DESCRPTION OF THE SURVEY

The CE program consists of two separate components, each with its own questionnaire and independent sample:

1) An Interview panel survey in which each CU in the sample is interviewed once every 3 months over five consecutive quarters to obtain a year's worth of data. New panels are initiated every month of the year.

2) A Diary or recordkeeping survey completed by the sample CUs for two consecutive 1-week periods; the sample is surveyed across a 12-month period.

Data are collected by the Bureau of the Census under contract with BLS. All data collected in both surveys are subject to Bureau of the Census confidentiality requirements, which prevent the disclosure of any CU member's identity.

The quarterly Interview survey is designed to collect data on major items of expense which respondents can be expected to recall for 3 months or longer. In practice, the Interview survey collects detailed data on an estimated 60 to 70 percent of total household expenditures. In addition, global estimates are obtained for food and other selected items. These global estimates account for an additional 20 to 25 percent of total expenditures. The Interview survey does not collect expenses for housekeeping supplies, personal care products, and nonprescription drugs, which contribute about 5 to 15 percent of total expenditures. Thus, up to 95 percent of total expenditures are covered in the Interview survey. Household characteristics, income, and financial data are also collected. At BLS, each quarter of data is processed independently from other quarters. Thus the annual estimates published by BLS are not dependent on the participation of a CU for the full five interviews.

The initial interview collects demographic and family characteristics data on a Control Card. These pertain to age, sex, race, marital status, education, and CU relationship for each CU member. This information is updated at each subsequent interview. Expenditures are for the month prior to the interview. They are used along with the inventory information for bounding purposes solely, that is, to prevent the reporting of expenditures from an indefinite past period. Expenditure data from the first interview are not on these files since they are not included in expenditure estimation.

The second through fifth interviews use uniform questionnaires to collect expenditure information from the previous three months. Income information, such as wage, salary, unemployment

compensation, child support, and alimony, as well as information on the employment of each CU member age 14 and over, are collected in the second and fifth interviews only.

Income data and employment information collected in the second interview are carried over to the third and fourth interviews. For new CU members and CU members who started work since the previous interview, wage, salary, and other information on employment are collected in the third and fourth interviews. In the fifth interview, a supplement is used to collect information on asset values and changes in balances of assets and liabilities. These data, along with other household characteristics information, permit users to classify sample units for research purposes and allow BLS to adjust population weights for CUs who do not cooperate in the survey.

Each quarter, 20 percent of the sample are new households introduced for the first time. They replace one-fifth of the sample that completed its final interview in the previous quarter. This rotating procedure with overlap is designed to provide more efficient data collection. CUs that move away from their sample address between interviews are dropped from the survey. New CUs that move into the sample address are screened for eligibility and included in the survey. Students living in college- or university-regulated housing report their own expenditures directly, while at school, rather than being considered part of their parents' household.

## **IX. DATA COLLECTION AND PROCESSING**

In addition to its data collection duties, the Bureau of the Census is responsible for field editing and coding, consistency checking, quality control, and data transmittal to BLS. BLS performs additional review and editing procedures in preparing the data for publication and release.

### **A. BUREAU OF THE CENSUS ACTIVITIES**

Data collection activities have been conducted by the Census Bureau on a continuing basis since October 1979. Due to differences in format and design, the Interview survey and the Diary survey data are collected and processed separately. Preliminary Interview survey data processing carried out by the Census Bureau includes keying the data from the questionnaires, clerical data editing, and correcting for inconsistencies in the collected data.

Upon completion by the interviewers, the Interview questionnaires are sent from the regional offices to the Census National Processing Center (NPC) in Jeffersonville, IN. At the NPC, codes are applied to identify demographic characteristics, expenditures, income and assets, and other items such as make and model of automobile and trip destination. Also, missing sections of questionnaires, inconsistencies, and errors are identified and corrected. Prior to microfilming and storage, selected entries from these questionnaires are transcribed to the next quarter's questionnaires to prevent the recording of duplicate reports by respondents. This information is then returned to the regional offices for use by field representatives in subsequent interviews.

After clerical processing at the NPC, the data are transmitted to the Census Processing Center in Suitland, MD, where they pass through basic quality checks of control counts, missing values, etc. The data are then electronically transmitted to BLS in Washington, DC.

## **B. BUREAU OF LABOR STATISTICS ACTIVITIES**

Upon receipt from the Bureau of the Census, the data undergo a series of computer edits that identify and correct irregularities and inconsistencies. Other adjustments eliminate business and reimbursed expenses, apply appropriate sales taxes, and derive CU weights based on BLS specifications. In addition, demographic and work experience items (except income) are imputed when missing or invalid. All data changes and imputations are identified with flags on the Interview data base.

Next, BLS conducts an extensive review to ensure that severe data aberrations are corrected. The review takes place in several stages: a review of counts, weighted means, and unweighted means by region; a review of family relationship coding inconsistencies; a review of selected extreme values for expenditure and income categories; and a verification of the various data transformations.

Cases of extreme data values are investigated by reviewing questionnaires on microfilm. Errors discovered through this procedure are corrected prior to release of the data.

Two major types of data adjustment routines--imputation and allocation--are carried out to classify expenditures and improve estimates. Data imputation routines correct for missing or invalid entries. All fields except income and assets are subject to imputation. Allocation routines are applied when respondents provide insufficient expenditure detail to meet tabulation requirements. For example, reports of combined expenditures for fuels and utilities are allocated among gas, electricity, and other items in this group. While not strictly an allocation routine, another adjustment separates mortgage and vehicle loan payments into principal and interest components using associated data on the interest rate and term of the loan. Another adjustment is done to prepare the data for the production of calendar year estimates. Time adjustment routines are used to classify expenditures by month. Aggregation can then be done at a monthly level, permitting the production of monthly, quarterly, annual, and other interval estimates. To analyze the effects of these adjustments, tabulations are made before and after the data adjustments. At this point, processing activities are completed and the database is ready for use.

## **X. SAMPLING STATEMENT**

### **A. SURVEY SAMPLE DESIGN**

Samples for the CE are national probability samples of households designed to be representative of the total U. S. civilian population. Eligible population includes all civilian noninstitutional persons.

The first step in sampling is the selection of primary sampling units (PSUs), which consist of counties (or parts thereof) or groups of counties. The set of sample PSUs used for the 2003 and 2004 samples is composed of 105 areas. The design classifies the PSUs into four categories:

- ? 31 "A" certainty PSUs are Metropolitan Statistical Areas (MSA's) with a population greater than 1.5 million.
- ? 46 "B" PSUs, are medium-sized MSA's.
- ? 10 "C" PSUs are nonmetropolitan areas that are included in the CPI.
- ? 18 "D" PSUs are nonmetropolitan areas where only the urban population data will be included in the CPI.

The sampling frame (that is, the list from which housing units were chosen) for the 2003 and 2004 surveys is generated from the 1990 Census of Population 100-percent-detail file. The sampling frame is augmented by new construction permits and by techniques used to eliminate recognized deficiencies in census coverage. All Enumeration Districts (EDs) from the Census that fail to meet the criterion for good

addresses for new construction, and all EDs in nonpermit-issuing areas are grouped into the area segment frame. Interviewers are then assigned to list these areas before a sample is drawn.

To the extent possible, an unclustered sample of units is selected within each PSU. This lack of clustering is desirable because the sample size of the Diary Survey is small relative to other surveys, while the intraclass correlations for expenditure characteristics are relatively large. This suggests that any clustering of the sample units could result in an unacceptable increase in the within-PSU variance and, as a result, the total variance.

The Interview Survey is a panel rotation survey. Each panel is interviewed for five consecutive quarters and then dropped from the survey. As one panel leaves the survey, a new panel is introduced. Approximately 20 percent of the addresses are new to the survey each month.

## B. COOPERATION LEVELS

The Interview Survey is a rotating panel survey in which approximately 11,000 sample units are contacted each calendar quarter. Allowing for bounding interviews and nonresponse (including vacancies), the number of participating sample units per quarter is targeted at approximately 7,800. Information on interview participation levels for the past five years follows.

Year	Consumer units designated for the survey	Type B or C ineligible cases	Eligible housing unit interviews			Response Rate for Eligible Interviews
			Number of potential interviews	Type A nonresponse	Total respondent interviews	
1999	46,305	8,627	37,678	7,622	30,056	79.8%
2000	47,498	8,752	38,746	7,736	31,010	80.0%
2001	47,998	9,158	38,840	8,527	30,313	78.0%
2002	49,501	9,336	40,165	8,838	31,327	78.0%
2003	50,596	9,357	41,239	8,841	32,398	78.6%

Type B or C cases are housing units that are vacant, nonexistent, or ineligible for interview. Type A nonresponses are housing units that the interviewers were unable to contact or the respondents refused to participate in the survey. The response rate stated above is based only on the eligible housing units (i.e., the designated sample cases less Type B and Type C ineligible cases).

## C. WEIGHTING

Each CU included in the CE represents a given number of CUs in the U.S. population, which is considered to be the universe. The translation of sample families into the universe of families is known as weighting. However, since the unit of analysis for the CE is a CU, the weighting is performed at the CU level. Several factors are involved in determining the weight for each CU for which an interview is obtained. There are four steps in the weighting procedure:

- 1) The basic weight is assigned to an address and is the inverse of the probability of selection of the housing unit.
- 2) A weight control factor is applied to each interview if subsampling is performed in the field.
- 3) A noninterview adjustment is made for units where data could not be collected from occupied housing units. The adjustment is performed as a function of region, housing tenure, family size and race.

- 4) A final adjustment is performed to adjust the sample estimates to national population controls derived from the Current Population Survey. The adjustments are made based on both the CU's member composition and the CU as a whole. The weight for the CU is adjusted for individuals within the CU to meet the controls for 14 age/race categories, 4 regions, and 4 region/urban categories. The CU weight is also adjusted to meet the control for total number of CUs and total number of CUs who own their living quarters. The weighting procedure uses an iterative process to ensure that the sample estimates meet all the population controls.

NOTE: The weight for a consumer unit (CU) can be different for each quarter in which the CU participates in the survey, as the CU may represent a different number of CUs with similar characteristics.

## **D. STATE IDENTIFIER**

Since the CE is not designed to produce state-level estimates, summing the CU weights by state will not yield state population totals. A CU's basic weight reflects its probability of selection among a group of primary sampling units of similar characteristics. For example, sample units in an urban nonmetropolitan area in California may represent similar areas in Wyoming and Nevada. Among other adjustments, CUs are post-stratified nationally by sex-age-race. For example, the weights of CUs containing a black male, age 16-24 in Alabama, Colorado, or New York, are all adjusted equivalently. Therefore, weighted population state totals will not match population totals calculated from other surveys that are designed to represent state data.

To summarize, the CE sample was not designed to produce precise estimates for individual states. Although state-level estimates that are unbiased in a repeated sampling sense can be calculated for various statistical measures, such as means and aggregates, their estimates will generally be subject to large variances. Additionally, a particular state population estimate from the CE sample may be far from the true state population.

## **XI. INTERPRETING THE DATA**

Several factors should be considered when interpreting the expenditure data. The average expenditure for an item may be considerably lower than the expenditure by those CUs that purchased the item. The less frequently an item is purchased, the greater the difference between the average for all CUs and the average of those purchasing. (See Section V.A.2.b.ii. for MEANS OF THOSE REPORTING.) Also, an individual CU may spend more or less than the average, depending on its particular characteristics. Factors such as income, age of family members, geographic location, taste and personal preference influence expenditures. Furthermore, even within groups with similar characteristics, the distribution of expenditures varies substantially.

Expenditures reported are the direct out-of-pocket expenditures. Indirect expenditures, which may be significant, may be reflected elsewhere. For example, rental contracts often include utilities. Renters with such contracts would record no direct expense for utilities, and therefore, appear to have lower utility expenses. Employers or insurance companies frequently pay other costs. CU with members whose employers pay for all or part of their health insurance or life insurance would have lower direct expenses for these items than those who pay the entire amount themselves. These points should be considered when relating reported averages to individual circumstances.

## **XII.APPENDIX 1 -- GLOSSARY**

### Population

The civilian noninstitutional population of the United States as well as that portion of the institutional population living in the following group quarters: Boarding houses, housing facilities for students and workers, staff units in hospitals and homes for the aged, infirm, or needy, permanent living quarters in hotels and motels, and mobile home parks. Urban population is defined as all persons living in a Metropolitan Statistical Area (MSA's) and in urbanized areas and urban places of 2,500 or more persons outside of MSA's. Urban, defined in this survey, includes the rural populations within MSA. The general concept of an MSA is one of a large population nucleus together with adjacent communities that have a high degree of economic and social integration with that nucleus. Rural population is defined as all persons living outside of an MSA and within an area with less than 2,500 persons.

### Consumer unit (CU)

A consumer unit comprises either: (1) all members of a particular household who are related by blood, marriage, adoption, or other legal arrangements; (2) a person living alone or sharing a household with others or living as a roomer in a private home or lodging house or in permanent living quarters in a hotel or motel, but who is financially independent; or (3) two or more persons living together who use their income to make joint expenditures. Financial independence is determined by the three major expense categories: housing, food, and other living expenses. To be considered financially independent, at least two of the three major expense categories have to be provided entirely or in part by the respondent.

### Reference person

The first member mentioned by the respondent when asked to "Start with the name of the person or one of the persons who owns or rents the home." It is with respect to this person that the relationship of other CU members is determined.

### Income before taxes

The combined income earned by all CU members 14 years old or over during the 12 months preceding the interview. The components of income are: Wage and salary income, business income, farm income, Social Security income and Supplemental Security income, unemployment compensation, workmen's compensation, public assistance, welfare, interest, dividends, pension income, income from roomers or boarders, other rental income, income from regular contributions, other income, and food stamps.

### Income after taxes

Income before taxes minus personal taxes, which includes Federal income taxes, state and local taxes, and other taxes.

### Complete income reporters

The distinction between complete and incomplete income reporters is based in general on whether the respondent provides values for major sources of income, such as wages and salaries, self-employment income, and Social Security income. Even complete income reporters may not provide a full accounting of all income from all sources. In the current survey, CUs that report across-the-board zero income are categorized as incomplete reporters.

### Geographic regions

CUs are classified by region according to the address at which they reside during the time of participation in the survey. The regions comprise the following States:

*Northeast* - Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont

*Midwest* - Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin

*South* - Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia

*West* - Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming

### **XIII.APPENDIX 2 -- UNIVERSAL CLASSIFICATION CODE (UCC) TITLES**

\*L denotes UCCs that could have negative values. Medical care UCCs have negative values if they are reimbursements. Reduction in loan principal UCCs are all negative for programming convenience. However, they are considered positive expenditures in CE publications.

Underlined UCCs represent either a new UCC or a deleted UCC. Please note that new UCCs may not be represented in all quarters. The quarter in which the addition (deletion) occurs is denoted by a leading superscript directly prior to the UCC code. For example, <sup>N(D)031</sup>(UCC) identifies a new (deleted) UCC beginning in Q031.

#### **A. EXPENDITURE UCCS ON MTAB FILE**

- 002120 Other non-health insurance
- 006001 Total amount owed to creditors, 2nd interview
- 006002 Total amount owed to creditors, 5th interview
- \*L 006003 Total amount owed to creditors, 2nd interview, asked first quarter, current year (2003)
- \*L 006004 Total amount owed to creditors, 5th interview, asked first quarter, current year (2003)
- 006005 Total amount owed to creditors, 2nd interview, asked first quarter, current year + 1 (2004)
- 006006 Total amount owed to creditors, 5th interview, asked first quarter, current year +1 (2004)
- 190901 Food or board, at school and rooming/boarding houses
- 190902 Catered affairs
- 190903 Food and non-alc beverages at restaurants, cafes, fast food places on trips
- 190904 Food and beverages purchased and prepared by CU on trips
- 200900 Alcoholic beverages at restaurants, cafes, bars on trips
- 210110 Rent of dwelling
- 210210 Lodging away from home on trips
- 210310 Housing for someone at school
- 210901 Ground rent - owned home
- 210902 Ground rent - owned vacation home
- 220121 Homeowners insurance - owned home including fire and extended coverage; management fees for property insurance in coops (non-vacation)
- 220122 Same as 220121 - owned vacation home, vacation coops
- 220311 Mortgage interest - owned home; portion of management fees for repayment of loans in coops (non-vacation)
- 220211 Property taxes - owned home; management fees for property taxes in coops (non-vacation)
- 220212 Same as 220211 - owned vacation home, vacation coops

- 220312 Same as 220311 - owned vacation home; vacation coops
- 220313 Interest on home equity loan - owned home
- 220314 Interest on home equity loan - owned vacation home
- 220321 Penalty charges on special or lump-sum mortgage payment - owned home
- 220322 Penalty charges on special or lump-sum mortgage payment - owned vacation home
- 220512 Cost of supplies purchased for jobs considered addition, alteration, or new construction incl. dwellings and additions being built, finishing basement or attic, remodeling rooms, landscaping, building outdoor patios, driveways, or permanent swimming pools, and insulation - owned home
- 220513 Same as 220512 - owned vacation home
- 220611 Contractors' labor and material costs, and cost of supplies rented for jobs considered addition, alteration, or new construction (see 220512) - owned home; management fees for capital improvements in condos and coops (non-vacation)
- 220612 Built-in dishwasher, garbage disposal, or range hood for jobs considered addition, alteration, or new construction - owned home and vacation home
- 220615 Same as 220611 - owned vacation home; vacation condos and coops
- 220616 Installed and non-installed original wall to wall carpeting for owned homes
- 220901 Parking at owned home; management fees for parking in condos and coops (non-vacation)
- 220902 Parking at owned vacation home, vacation condos and coops
- 230112 Contractors labor and material costs, and cost of supplies rented for inside and outside painting and papering for jobs considered replacement or maintenance/repair - owned home; management fees for similar jobs in condos and coops (non-vacation)
- 230113 Same as 230112 for plumbing or water heating installations and repairs
- 230114 Same as 230112 for electrical work and heating or air - conditioning jobs (incl. service contracts)
- 230115 Same as 230112 for roofing, gutters, or downspouts
- 230117 Built-in dishwasher, garbage disposal, or range hood for jobs considered replacement or maintenance/repair - renter
- 230118 Same as 230117 - owned home
- 230121 Contractors' labor and material costs, and cost of supplies rented for repair or replacement of hard surfaced flooring - renter
- 230122 Contractors' labor and material costs, and cost of supplies rented for repair or replacement of hard surfaced flooring for jobs considered replacement or maintenance/repair- owned home; management fees for similar jobs in condos and coops (non-vacation)
- 230123 Same as 230122 - owned vacation home; vacation condos and coops
- 230133 Installed and non-installed replacement wall to wall carpeting for owned homes
- 230134 Installed and non-installed original wall to wall carpeting for rental homes
- 230141 Service contract charges and cost of maintenance or repair for built-in dishwasher, garbage disposal, or range hood - renter
- 230150 Repair or maintenance services (renter)
- 230151 Other repair or maintenance services (owned)
- 230152 Repair and remodeling services (owned vacation)
- 230142 Same as 230141 - owned home and vacation home
- 230901 Property management fees - owned home; condos and coops (non-vacation)
- 230902 Same as 230901 - owned vacation home; vacation condos and coops
- 240111 Cost of paint, wallpaper, and supplies purchased for inside and outside painting and papering - renter
- 240112 Same as 240111 - for jobs considered replacement or maintenance/repair - owned home
- 240113 Same as 240112 - owned vacation home
- 240121 Cost of equipment purchased for inside and outside painting and papering - renter
- 240122 Same as 240121 - for jobs considered replacement or maintenance/repair - owned home
- 240123 Same as 240122 - owned vacation home
- 240211 Cost of supplies purchased for plastering, paneling, roofing and gutters, siding, windows, screens, doors, awnings; portion of cost of supplies purchased for patios, walks, fences, driveways, swimming pools - renter
- 240212 Cost of supplies purchased for plastering, paneling, siding, windows, screens, doors,

awnings for jobs considered replacement or maintenance/repair; portion of cost of supplies purchased for patios, walks, fences, driveways, swimming pools for jobs considered replacement or maintenance/repair - owned home

240213 Cost of supplies purchased for roofing, gutters, or downspouts for jobs considered replacement or maintenance/repair - owned home

240214 Same as 240212-240213 - owned vacation home

240221 Cost of supplies purchased for masonry, brick or stucco work; portion of cost of supplies purchased for patios, walks, fences, driveways, swimming pools - renter

240222 Same as 240221 for jobs considered replacement or maintenance/repair - owned home

240223 Same as 240222 - owned vacation home

240311 Cost of supplies purchased for plumbing or water heating installations and repairs - renter

240312 Same as 240311 for jobs considered replacement or maintenance/repair - owned home

240313 Same as 240312 - owned vacation home

240321 Cost of supplies purchased for electrical work, heating or air conditioning jobs - renter

240322 Same as 240321 for jobs considered replacement or maintenance/repair - owned home

240323 Same as 240322 - owned vacation home

250111 Fuel oil - renter

250112 Fuel oil - owned home; portion of management fees for utilities in condos and coops (non vacation)

250113 Same as 250112 - owned vacation home; vacation condos and coops

250114 Fuel oil - rented vacation property

250211 Gas, bottled or tank - renter

250212 Gas, bottled or tank - owned home

250213 Gas, bottled or tank - owned vacation home

250214 Gas, bottled or tank - rented vacation property

250221 Coal - renter

250222 Coal - owned home

250223 Coal - owned vacation home

250224 Coal - rented vacation property

250901 Wood, kerosene, and other fuels - renter

250902 Wood, kerosene, and other fuels - owned home

250903 Wood, kerosene, and other fuels - owned vacation home

250904 Wood, kerosene, and other fuels - rented vacation property

260111 Electricity - renter

260112 Electricity - owned home; portion of management fees for utilities in condos and coops (non-vacation)

260113 Same as 260112 - owned vacation home; vacation condos and coops

260114 Electricity - rented vacation property

260211 Natural or utility gas - renter

260212 Natural or utility gas - owned home; portion of management fees for utilities in condos and coops (non-vacation)

260213 Same as 260212 - owned vacation home; vacation condos and coops

260214 Natural or utility gas - rented vacation property

270101 Residential telephone or pay phones

270102 Cellular phone service

270103 Pager services

270104 Phone cards

270211 Water and sewerage maintenance – renter

270212 Water and sewerage maintenance – owned home; portion of management fees for utilities in condos and coops (non-vacation)

270213 Same as 270212 – owned vacation home; vacation condos and coops

270214 Water and sewerage maintenance – rented vacation property

270310 Cable, satellite, or community antenna service

270411 Trash and garbage collection – renter

270412 Trash and garbage collection – owned home; management fees for trash collection in condos and coops (non-vacation)

270413 Same as 270412 – owned vacation home; vacation condos and coops  
 270414 Trash and garbage collection – rented vacation property  
 270901 Septic tank cleaning – renter  
 270902 Septic tank cleaning – owned home  
 270903 Septic tank cleaning – owned vacation home  
 270904 Septic tank cleaning – rented vacation property  
 280110 Bathroom linens  
 280120 Bedroom linens  
 280130 Kitchen and dining room linens  
 280210 Curtains and drapes  
 280220 Slipcovers, decorative pillows, and cushions  
 280230 Sewing materials for slipcovers, curtains, and other home handiwork  
 280900 Other linens  
 290110 Mattresses and springs  
 290120 Other bedroom furniture  
 290210 Sofas  
 290310 Living room chairs  
 290320 Living room tables  
 290410 All kitchen and dining room furniture  
 290420 Infants' furniture  
 290430 Patio, porch, or outdoor furniture  
 290440 Modular wall units, shelves or cabinets; other living room, family or recreation room furniture including desks  
 300111 Purchase and installation of refrigerator or home freezer – renter  
 300112 Purchase and installation of refrigerator or home freezer – homeowner  
 300211 Purchase and installation of clothes washer – renter  
 300212 Purchase and installation of clothes washer – homeowner  
 300221 Purchase and installation of clothes dryer – renter  
 300222 Purchase and installation of clothes dryer – homeowner  
 300311 Purchase and installation of cooking stove, range or oven, excl. microwave – renter  
 300312 Purchase and installation of cooking stove, range or oven, excl. microwave – homeowner  
 300321 Purchase and installation of microwave oven – renter  
 300322 Purchase and installation of microwave oven – homeowner  
 300331 Purchase and installation of portable dishwasher – renter  
 300332 Purchase and installation of portable dishwasher – homeowner  
 300411 Window air conditioner – renter  
 300412 Window air conditioner – homeowner  
 310110 Black and white TV, and combinations of TV with other items  
 310120 Color TV console and combinations of TV; large screen color TV projection equipment; color monitor and other items  
 310130 Color TV (portable and table models)  
 310210 VCR, video disc player, video camera, and camcorder  
 310220 Video cassettes, tapes, and discs  
 310230 TV computers games and computer game software  
 310311 Radio  
 310313 Tape recorder and player  
 310320 Sound components, component systems, and compact disc sound systems  
 310333 Accessories and other sound equipment including phonographs  
 310334 Satellite dishes  
 310341 Compact discs, tapes, videos, or records purchased from a club  
 310342 Compact discs, tapes, needles, or records not from a club  
 320111 Carpet squares for owned and rented homes (Non-Permanent)  
 320120 Venetian blinds, window shades and other window coverings  
 320130 Infants' equipment  
 320150 Outdoor equipment  
 320162 Non-installed wall to wall carpeting (replacement) and carpet squares – homeowner

320163 Installed and non-installed replacement wall to wall carpeting for rental homes  
 320210 Clocks  
 320220 Lamps and other lighting fixtures  
 320231 Other household decorative items  
 320232 Telephones and accessories  
 320310 Plastic dinnerware  
 320320 China and other dinnerware  
 320330 Stainless, silver and other flatware  
 320340 Glassware  
 320350 Silver serving pieces  
 320360 Serving pieces other than silver  
 320370 Non-electric cookware  
 320410 Lawnmowing equipment and other yard machinery  
 320420 Power tools  
 320511 Electric floor cleaning equipment  
 320512 Sewing machines  
 320521 Small electrical kitchen appliances  
 320522 Portable heating and cooling equipment  
 320611 Cost of supplies purchased for insulation and other improvements/repairs; materials and supplies purchased not for any specific job – renter  
 320612 Cost of supplies purchased for insulation and other improvements/repairs for jobs considered replacement or maintenance/repair; materials and supplies purchased not for any specific job – owned home  
 320613 Cost of supplies purchased for insulation and other improvements/repairs for jobs considered replacement or maintenance/repair – owned vacation home  
 320621 Cost of supplies purchased for repair or replacement of hard surfaced flooring – renter  
 320622 Cost of supplies purchased for repair or replacement of hard surfaced flooring for jobs considered replacement or maintenance/repair – owned home  
 320623 Same as 320622 – owned vacation home  
 320631 Cost of supplies purchased for landscaping – renter  
 320632 Cost of supplies purchased for landscaping for jobs considered replacement or maintenance/repair – owned home  
 320633 Same as 320632 – owned vacation home  
 320901 Office furniture for home use  
 320902 Non-power tools  
 320903 Fresh flowers or potted plants  
 320904 Closet storage items  
 330511 Cost of materials purchased for termite and pest control for jobs considered replacement or maintenance/repair  
 340211 Babysitting or other child care in your own home  
 340212 Babysitting or other child care in someone else's home  
 340310 Housekeeping service, incl. management fees for maid service in condos  
 340410 Gardening and lawn care services, incl. management fees for lawn care in coops and condos  
 340420 Water softening service  
 340510 Moving, storage, and freight express  
 340520 Non-clothing household laundry or dry cleaning – not coin-operated  
 340530 Non-clothing household laundry or dry cleaning – coin-operated  
 340610 Repair of television, radio, and sound equipment, excluding installed in vehicles  
 340620 Repair of household appliances, excl. garbage disposal, range hood, and built-in dishwasher  
 340630 Furniture repair, refinishing, or reupholstering  
 340901 Rental or repair of equipment and other yard machinery, power and non-power tools  
 340902 Rental of televisions  
 340903 Miscellaneous home services and small repair jobs not already specified  
 340904 Rental of furniture  
 340905 Rental of VCR, radio, and sound equipment – see 310210, 310311 -310330

340906 Care for invalids, convalescents, handicapped or elderly persons in the CU  
 340907 Rental and installation of household equipment – see 300111-300332  
 340908 Rental of office equipment for non-business use – see 320232, 690111, 690112, 690210-690230  
 340910 Adult day care centers  
 340911 Management fees for security, incl. guards and alarm systems in coops and condos (non-vacation)  
 340912 Management fees for security, incl. guards and alarm systems in coops and condos (vacation)  
 340914 Services for termite/pest control maintenance  
 340915 Service fee expenditures for home security systems  
 350110 Tenant's insurance  
 360110 Men's suits  
 360120 Men's sport coats  
 360210 Men's coats, jackets, and furs  
 360311 Men's underwear  
 360312 Men's hosiery  
 360320 Men's nightwear  
 360330 Men's accessories  
 360340 Men's sweaters and vests  
 360350 Men's active sportswear  
 360410 Men's shirts  
 360511 Men's pants  
 360512 Men's shorts and shorts sets, excl. athletic  
 360901 Men's uniforms  
 360902 Men's other clothing, incl. costumes  
 370110 Boys' coats, jackets, and furs  
 370120 Boys' sweaters  
 370130 Boys' shirts  
 370211 Boys' underwear  
 370212 Boys' nightwear  
 370213 Boys' hosiery  
 370220 Boys' accessories  
 370311 Boys' suits, sport coats, and vests  
 370312 Boys' pants  
 370313 Boys' shorts and shorts sets, excl. athletic  
 370902 Boys' other clothing, incl. costumes  
 370903 Boys' uniforms  
 370904 Boys' active sportswear  
 380110 Women's coats, jackets, and furs  
 380210 Women's dresses  
 380311 Women's sport coats and tailored jackets  
 380312 Women's vests, sweaters, and sweater sets  
 380313 Women's shirts, tops, and blouses  
 380320 Women's skirts and culottes  
 380331 Women's pants  
 380332 Women's shorts and shorts sets, excl. athletic  
 380340 Women's active sportswear  
 380410 Women's nightwear  
 380420 Women's undergarments  
 380430 Women's hosiery  
 380510 Women's suits  
 380901 Women's accessories  
 380902 Women's uniforms  
 380903 Women's other clothing, incl. costumes  
 390110 Girls' coats, jackets, and furs

390120 Girls' dresses and suits  
 390210 Girls' sport coats, tailored jackets, shirts, blouses, sweaters, sweater sets, and vests  
 390221 Girls' skirts, culottes, and pants  
 390222 Girls' shorts and shorts sets, excl. athletic  
 390230 Girls' active sportswear  
 390310 Girls' undergarments and nightwear  
 390321 Girls' hosiery  
 390322 Girls' accessories  
 390901 Girls' uniforms  
 390902 Girls' other clothing, incl. costumes  
 400110 Men's footwear  
 400210 Boys' footwear  
 400220 Girls' footwear  
 400310 Women's footwear  
 410110 Infants' coats, jackets, and snowsuits  
 410120 Infants' dresses and other outerwear  
 410130 Infants' undergarments, incl. diapers  
 410140 Infants' sleeping garments  
 410901 Infants' accessories, hosiery, and footwear  
 420110 Sewing materials for making clothes  
 420120 Sewing notions, patterns  
 430110 Watches  
 430120 Jewelry  
 430130 Travel items, including luggage, and luggage carriers  
 440110 Shoe repair and other shoe services  
 440120 Apparel laundry and dry cleaning – coin-operated  
 440130 Alteration, repair, and tailoring of apparel and accessories  
 440140 Clothing rental  
 440150 Watch and jewelry repair  
 440210 Apparel laundry and dry cleaning – not coin-operated  
 440900 Clothing storage  
 450110 New cars (net outlay)  
 450116 Trade-in allowance for new cars  
 450210 New trucks or vans (net outlay)  
 450216 Trade-in allowance for new trucks or vans  
 450220 New motorcycles, motor scooters, or mopeds (net outlay)  
 450226 Trade-in allowance for new motorcycles, motor scooters, or mopeds  
 450310 Basic lease charge (car lease)  
 450311 Charges other than basic lease, such as insurance or maintenance (car lease)  
 450312 Trade-in allowance (car lease)  
 450313 Cash down payment (car lease)  
 450314 Termination fee (car lease)  
 450410 Basic lease charge (truck/van lease)  
 450411 Charges other than basic lease, such as insurance or maintenance (truck/van lease)  
 450412 Trade-in allowance (truck/van lease)  
 450413 Cash down payment (truck/van lease)  
 450414 Termination fee (truck/van lease)  
 460110 Used cars (net outlay)  
 460116 Trade-in allowance for used cars  
 460901 Used trucks or vans (net outlay)  
 460902 Used motorcycles, motor scooters, or mopeds (net outlay)  
 460907 Trade-in allowance for used trucks or vans  
 460908 Trade-in allowance for used motorcycles, motor scooters, or mopeds  
 470111 Gasoline  
 470112 Diesel fuel  
 470113 Gasoline on out-of-town trips

470211 Motor oil  
 470212 Motor oil on out-of-town trips  
 470220 Coolant/antifreeze, brake & transmission fluids, additives, and radiator/cooling system  
 protectant (not purchased with tune-up)  
 480110 Tires (new, used or recapped); replacement and mounting of tires, including tube  
 replacement  
 480213 Vehicle parts, equipment, and accessories  
 480214 Vehicle audio equipment excluding labor  
 490110 Body work, painting, repair and replacement of upholstery, vinyl/convertible top, and glass,  
 installation of carpet  
 490211 Clutch and transmission repair  
 490212 Drive shaft and rear-end repair  
 490221 Brake work  
 490231 Steering or front end repair  
 490232 Cooling system repair  
 490311 Motor tune-up  
 490312 Lubrication and oil changes  
 490313 Front end alignment, wheel balance and rotation  
 490314 Shock absorber replacement  
 490318 Repair tires and miscellaneous repair work, such as battery charge, wash, wax, repair and  
 replacement of windshield wiper, wiper motor, heater, air conditioner, radio and antenna  
 490319 Vehicle air conditioner repair  
 490411 Exhaust system repair  
 490412 Electrical system repair  
 490413 Motor repair and replacement  
 490501 Vehicle accessories including labor  
 490502 Vehicle audio equipment including labor  
 490900 Auto repair service policy  
 500110 Vehicle insurance  
 510110 Automobile finance charges  
 510901 Truck or van finance charges  
 510902 Motorcycle finance charges  
 520111 State vehicle registration  
 520112 Local vehicle registration  
 520310 Driver's license  
 520410 Vehicle inspection  
 520511 Auto rental, excl. trips  
 520512 Auto rental on out-of-town trips  
 520521 Truck or van rental, excl. trips  
 520522 Truck or van rental on out-of-town trips  
 520531 Parking fees at garages, meters, and lots excl. fees that are costs of property ownership  
 520532 Parking fees on out-of-town trips  
 520542 Tolls on out-of-town trips  
 520550 Towing charges (excl. contracted or pre-paid)  
 520901 Docking and landing fees for boats and planes  
 520902 Motorcycle, motor scooter, or moped rental  
 520903 Aircraft rental  
 520904 Rental of non camper-type trailer, such as for boat or cycle  
 520905 Same as 520902 – out-of-town trips  
 520906 Aircraft rental on out-of-town trips  
 520907 Rental of boat or non camper-type trailer, such as for boat or cycle on out-of-town trips  
 530110 Airline fares on out-of-town trips  
 530210 Intercity bus fares on out-of-town trips  
 530311 Intracity mass transit fares  
 530312 Local transportation (excl. taxis) on out-of-town trips  
 530411 Taxi fares on out-of-town trips

- 530412 Taxi fares and limousine service (not on trips)
- 530510 Intercity train fares on out-of-town trips
- 530901 Ship fares on out-of-town trips
- 530902 Private school bus
- \*L 540000 Prescription drugs and medicines (net outlay)
- \*L 550110 Purchase of eye glasses or contact lenses, incl. kits and equipment, fittings, warranty expenses, and insurance (net outlay)
- \*L 550320 Purchase of medical or surgical equipment for general use, such as thermometers, needles/syringes, ice bags, heating pads, orthopedic appliances, and blood pressure kits (not including band aids, gauze, cotton rolls/balls) (net outlay)
- \*L 550330 Purchase of supportive or convalescent medical equipment, such as crutches, wheelchairs, braces, and ace bandages (net outlay)
- \*L 550340 Hearing aids (net outlay)
- \*L 560110 Physicians' services (net outlay)
- \*L 560210 Dental care (net outlay)
- \*L 560310 Eye exams, treatment or surgery (net outlay)
- \*L 560330 Lab tests and X-rays (net outlay)
- \*L 560400 Services by medical professionals other than physicians, nursing services, and therapeutic treatments (net outlay)
- \*L 570110 Hospital room and meals (net outlay)
- \*L 570210 Hospital services other than room, such as operating, recovery, and treatment room, ICU, X-rays, lab tests, medicine, injections, therapy, examinations, transfusions, nursing services, oxygen, and anesthetics (net outlay)
- \*L 570220 Care in convalescent or nursing home (net outlay)
- \*L 570230 Other medical care service, such as blood donation, ambulance, emergency room, or outpatient hospital services (net outlay)
- 570240 Medical care in retirement community
- \*L 570901 Rental of medical or surgical equipment for general use (net outlay) – see 550320
- \*L 570903 Rental of supportive and convalescent equipment (net outlay) – see 550330
- 580111 Traditional fee for service health plan (not BC/BS)
- 580112 Traditional fee for service health plan (BC/BS)
- 580113 Preferred provider health plan (not BC/BS)
- 580114 Preferred provider health plan (BC/BS)
- 580311 Health maintenance organization (not BC/BS)
- 580312 Health maintenance organization (BC/BS)
- 580901 Medicare payment
- 580903 Commercial Medicare supplement (not BC/BS)
- 580904 Commercial Medicare supplement (BC/BS)
- 580905 Other health insurance (not BC/BS)
- 580906 Other health insurance (BC/BS)
- 590111 Newspaper subscriptions
- 590112 Newspapers, non-subscriptions
- 590211 Magazine subscriptions
- 590212 Magazines, non-subscription
- 590220 Books through book clubs
- 590230 Books not through book clubs
- 600110 Outboard motor
- 600121 Boat without motor or non camper-type trailer, such as for boat or cycle (net outlay)
- 600122 Trailer-type or other attachable-type camper (net outlay)
- 600127 Trade in allowance for boat without motor or non camper-type trailer, such as for boat or cycle
- 600128 Trade-in allowance for trailer-type or other attachable-type camper
- 600132 Boat with motor (net outlay)
- 600138 Trade-in allowance for boat with motor
- 600141 Purchase of motorized camper
- 600142 Purchase of other vehicle

600143 Trade in allowance, motorized camper  
 600144 Trade in allowance, other vehicle  
 600210 Ping-Pong, pool tables, other similar recreation room items, general sports equipment, and health and exercise equipment  
 600310 Bicycles  
 600410 Camping equipment  
 600420 Hunting and fishing equipment  
 600430 Winter sports equipment  
 600901 Water sports equipment  
 600902 Other sports equipment  
 610110 Toys, games, hobbies, tricycles, and battery powered riders  
 610120 Playground equipment  
 610130 Musical instruments, supplies, and accessories  
 610210 Photographic film  
 610230 Photographic equipment  
 610320 Pets, pet supplies and medicine for pets  
 610900 Miscellaneous recreational expenses on out-of-town trips  
 620111 Membership fees for country clubs, health clubs, swimming pools, tennis clubs, social or other recreational organizations, civic, service, or fraternal organizations  
 620112 Membership fees for credit card memberships  
 620113 Membership fees for automobile service clubs  
 620115 Membership fees for shopping clubs  
 620121 Fees for participant sports, such as golf, tennis, and bowling; management fees for recreational facilities, such as tennis courts and swimming pools in condos and coops  
 620122 Fees for participant sports on out-of-town trips  
 620211 Admission fees for entertainment activities, including movie, theater, concert, opera or other musical series (single admissions and season tickets)  
 620212 Entertainment expenses on out-of-town trips, including admissions to events, museums and tours  
 620221 Admission fees to sporting events (single admissions and season tickets)  
 620222 Admission fees to sporting events on out-of-town trips  
 620310 Fees for recreational lessons or other instructions  
 620320 Professional photography fees  
 620330 Film processing  
 620410 Pet services  
 620420 Veterinarian expenses for pets  
 620903 Miscellaneous entertainment services on out-of-town trips  
 620904 Rental and repair of musical instruments, supplies, and accessories  
 620905 Rental and repair of photographic equipment  
 620906 Rental of all boats and outboard motors  
 620908 Rental and repair of sports, recreation, and exercise equipment  
 620909 Rental of all campers on out-of-town trips  
 620912 Rental of video cassettes, tapes, and discs  
 620919 Rental of other vehicles on out-of-town trips  
 620921 Rental of motorized camper  
 620922 Rental of other RV's  
 620926 Lotteries and pari-mutuel losses  
 630110 Cigarettes  
 630210 Cigars, pipe tobacco, and other tobacco products  
 640130 Wigs, hairpieces, or toupees  
 640420 Electric personal care appliances  
 650310 Personal care services for males and females, including haircuts  
 650900 Rental and repair of personal care appliances  
 660110 School books, supplies, and equipment for college  
 660210 Same as 660110 - elementary and high school  
 660310 Encyclopedia and other sets of reference books

660900 Same as 660110 - day care center, nursery school, and other schools  
 670110 Tuition for college  
 670210 Same as 670110 - elementary and high school  
 670310 Other expenses for day care centers and nursery schools, including tuition  
 670901 Same as 670110 - other schools  
 670902 Rentals of books and equipment, and other school-related expenses  
 680110 Legal fees, excluding real estate closing costs  
 680140 Funeral, burial or cremation expenses, including limousine and flowers  
 680210 Safe deposit boxes  
 680220 Charges for checking accounts and other banking services  
 680901 Purchase and upkeep of cemetery lots or vaults  
 680902 Accounting fees  
 690111 Computers, computer systems, and related hardware for non-business use  
 690112 Computer software and accessories for non-business use  
 690113 Repair of computers, computer systems, and related equipment for non-business use  
 690114 Computer information services  
 690210 Telephone answering devices  
 690220 Calculators  
 690230 Typewriters and other office machines for non-business use  
 690241 Purchases and rentals of smoke alarms and detectors - renter  
 690242 Same as 690241 - owned home  
 690243 Same as 690241 - owned vacation home  
 690244 Other household appliances - renter  
 690245 Same as 690244 - homeowner  
 700110 Life, endowment, annuities, and other insurance policies providing death benefits  
 710110 Finance charges, excluding mortgage and vehicles  
 790210 Total purchases at grocery stores  
 790220 Food and nonalcoholic beverage purchases at grocery stores  
 790230 Food and nonalcoholic beverage purchases at convenience or specialty stores  
 790310 Beer and wine for home use  
 790320 Other alcoholic beverages for home use  
 790410 Dining out at restaurants, cafeterias, drive-ins, etc. (excluding alcoholic beverages)  
 790420 Alcoholic beverages at restaurants, cafeterias, drive-ins, etc.  
 790430 School meals for preschool and school age children  
 790600 Same as 220111, 1220121, 220211, 220311, 220313, 220321, 210901, 250111-260211, 270211-270904, incl. management fees for these services - other properties; contractors' labor and material costs, and cost of supplies rented for jobs considered replacement or maintenance/repair - other properties; cost of supplies purchased for jobs considered replacement or maintenance/repair, excl. dwellings and additions being built, and termite and pest control - other properties  
 790610 Contractors' labor and material costs, cost of supplies rented or purchased for jobs considered addition, alteration or new construction - other properties  
 790611 Same as 220612 - other properties  
 790620 Management fees for capital improvements - other properties  
 790630 Special assessments for services and capital improvements - other properties  
 790640 Same as 790620 for management, security, and parking - other properties  
 790690 Cost of supplies purchased for dwellings and additions being built, finishing basement or attic, remodeling rooms, building outdoor patios, driveways, or permanent swimming pools - jobs not yet started - renter  
 790710 Purchase price of property excluding cost of common areas - other properties  
 790730 Closing costs - other properties  
 \*L 790810 Selling price or trade-in value - other properties  
 790830 Total selling expenses - other properties  
 \*L 790910 Special or lump-sum mortgage payments - other properties  
 \*L 790920 Reduction of mortgage principal - other properties  
 790930 Original mortgage amount (mortgage obtained during current quarter's interview) - other

properties

790940 Reduction of principal on lump sum home equity loan - other properties

790950 Original amount of lump sum home equity loan - other properties (loan obtained during current quarter's interview)

800111 Alimony expenditures

800121 Child support expenditures

800700 Meals received as pay

800710 Rent received as pay

800721 Market value of owned home

800804 Support for college students

800811 Gifts to non-CU members of stocks, bonds, mutual funds

800821 Cash contributions to charities, other organizations

800831 Cash contributions to churches or religious organizations

800841 Cash contributions to educational institutions

800851 Cash contributions to political organizations

800861 Other cash gifts

810101 Purchase price of property excluding cost of common areas – owned home

810102 Purchase price of property excluding cost of common areas – owned vacation home

810301 Closing costs – owned home

810302 Closing costs – owned vacation home

810400 Trip expenses for persons outside the CU

\*L 820101 Selling price or trade-in value – owned home

\*L 820102 Selling price or trade-in value – owned vacation home

820301 Total selling expenses – owned home

820302 Total selling expenses – owned vacation home

\*L 830101 Special or lump-sum mortgage payments – owned home

\*L 830102 Special or lump-sum mortgage payments – owned vacation home

\*L 830201 Reduction of mortgage principal – owned home; portion of management fees for repayment of loans in coops (non-vacation)

\*L 830202 Same as 830201 – owned vacation home; vacation coops

\*L 830203 Reduction of principal on lump sum home equity loan – owned home

\*L 830204 Reduction of mortgage principal, lump sum home equity loan – owned vacation home

830301 Original mortgage amount (mortgage obtained during current quarter's interview) – owned home

830302 Original mortgage amount (mortgage obtained during current quarter's interview) – owned vacation home

830303 Original amount of lump sum home equity loan (loan obtained during current quarter's interview) – owned home

830304 Original amount of lump sum home equity loan (loan obtained during current quarter's interview) – owned vacation home

840101 Amount for special assessment for roads, streets, or similar purposes not included in property tax – owned home

840102 Amount for special assessment for roads, streets, or similar purposes not included in property tax – owned vacation home

\*L 850100 Reduction of principal on vehicle loan

850200 Amount borrowed excluding interest on vehicle loan

850300 Finance charges on other vehicles

\*L 860100 Amount automobile sold or reimbursed

\*L 860200 Amount truck or van sold or reimbursed

\*L 860301 Amount motorized camper sold or reimbursed

\*L 860302 Amount other vehicle sold or reimbursed

\*L 860400 Amount trailer-type or other attachable-type camper sold or reimbursed

\*L 860500 Amount motorcycle, motor scooter, or moped sold or reimbursed

\*L 860600 Amount boat with motor sold or reimbursed

\*L 860700 Amount boat without motor or non camper-type trailer, such as for or cycle sold or reimbursed

870101 New cars, trucks, or vans (net outlay), purchase not financed  
 870102 Cash downpayment for new cars, trucks, or vans, purchase financed  
 870103 Finance charges on loans for new cars, trucks, or vans  
 870104 Principal paid on loans for new cars, trucks, or vans  
 870201 Used cars, trucks, or vans (net outlay), purchase not financed  
 870202 Cash downpayment for used cars, trucks, or vans, purchase financed  
 870203 Finance charges on loans for used cars, trucks, or vans  
 870204 Principal paid on loans for used cars, trucks, or vans  
 870301 Motorcycles, motor scooters, or mopeds (net outlay), purchase not financed  
 870302 Cash downpayment for motorcycles, motor scooters, or mopeds, purchase financed  
 870303 Finance charges on loans for motorcycles, motor scooters, or mopeds  
 870304 Principal paid on loans for motorcycles, motor scooters, or mopeds  
 870401 Boat without motor or non camper-type trailer, such as for boat or cycle (net outlay),  
 purchase not financed  
 870402 Cash downpayment for boat without motor, or non camper-type trailer, such as for boat or  
 cycle, purchase financed  
 870403 Finance charges on loans for boat without motor or non camper- type trailer, such as for boat  
 or cycle  
 870404 Principal paid on loans for boat without motor, or non camper-trailer, such as for boat or cycle  
 870501 Trailer-type or other attachable-type camper (net outlay), purchase not financed  
 870502 Cash downpayment for trailer-type or other attachable-type camper, purchase financed  
 870503 Finance charges on loans for trailer-type or other attachable-type camper  
 870504 Principal paid on loans for trailer-type or other attachable-type camper  
 870605 Purchase of motorized camper, not financed  
 870606 Principal, motorized camper, financed  
 870607 Interest, motorized camper, financed  
 870608 Downpayment, motorized camper, financed  
 870701 Boat with motor (net outlay), purchase not financed  
 870702 Cash downpayment for boat with motor, purchase financed  
 870703 Finance charges on loans for boat with motor  
 870704 Principal paid on loans for boat with motor  
 870801 Purchase of other vehicle, not financed  
 870802 Principal, other vehicle, financed  
 870803 Interest, other vehicle, financed  
 870804 Downpayment, other vehicle, financed  
 880110 Interest on line of credit home equity loan – owned home  
 \*L 880120 Reduction of principal on line of credit home equity loan – owned home  
 880210 Interest on line of credit home equity loan – other properties  
 \*L 880220 Reduction of principal on line of credit home equity loan – other properties  
 880310 Interest on line of credit home equity loan – owned vacation home  
 \*L 880320 Reduction of principal on line of credit home equity loan – owned vacation home  
 900002 Occupational expenses  
 910050 Rental equivalence of owned home  
 910100 Rental equivalence of owned vacation home  
 990900 Rental and installation of dishwasher, disposal, and range hood  
 990920 Cost of supplies purchased for dwellings and additions being built, finishing basement or  
 attic, remodeling rooms, or building outdoor patios, walks, fences, driveways or swimming  
 pools - renter  
 990930 Cost of supplies purchased finishing basement or attic, remodeling rooms or building outdoor  
 patios, walks, fences, driveways or swimming pools for jobs considered maintenance/repair  
 - owner  
 990940 Same as 990930 - owned vacation home  
 990950 Contractors' labor and material costs, and cost of supplies rented for dwellings and additions  
 being built - other properties

## B. INCOME AND RELATED UCCS ON ITAB FILE

001000 Purchase price of stocks, bonds, or mutual funds including broker fees  
\*L 001010 Sale price of stocks, bonds, and mutual funds, net  
001210 Investments to farm or business  
\*L 001220 Assets taken from farm and business  
\*L 002010 Change in savings account  
\*L 002020 Change in checking account  
\*L 002030 Change in amount held in U.S. savings bonds  
\*L 003000 Change in money owed to CU  
\*L 003100 Amount received in settlement on surrender of insurance policies  
800910 Payroll deductions for government retirement  
800920 Payroll deductions for railroad retirement  
800931 Payroll deductions for private pensions  
800932 Non-payroll deposit to individual retirement plan  
800940 Payroll deductions for Social Security  
900000 Wages and salaries  
\*L 900010 Net business income  
\*L 900020 Net farm income  
900030 Social Security and railroad retirement income  
900040 Pensions and annuities  
900050 Dividends, royalties, estates or trusts  
\*L 900060 Income from roomers and boarders  
\*L 900070 Other rental income  
900080 Interest from savings accounts or bonds  
900090 Supplemental security income  
900100 Unemployment compensation  
900110 Workers' compensation and veterans payments including education  
900120 Public assistance or welfare including money received from job training grants such as Job Corps  
900131 Child support payments received (regular)  
900132 Other regular contributions received including alimony  
900140 Other income including money received from care of foster children, cash scholarships and fellowships or stipends not based on working  
900150 Food stamps  
910000 Lump sum payments from estates, trusts, royalties, alimony, child support, prizes or games of chance or from persons outside CU  
910010 Money from sale of household furnishings, equipment, clothing, jewelry, pets or other belongings, excluding the sale of vehicles or property  
910020 Overpayment on Social Security  
910030 Refund from insurance policies  
910040 Refunds from property taxes  
910041 Lump sum child support payments received  
920010 Market value of savings accounts  
920020 Market value of checking accounts, brokerage accounts and other similar accounts  
920030 Market value of U.S. savings bonds  
920040 Market value of stocks, bonds, mutual funds and other such securities  
950000 Federal income tax  
\*L 950001 Federal income tax refunds  
950010 State and local income tax  
\*L 950011 State and local income tax refunds  
950021 Other taxes  
950022 Personal property taxes  
\*L 950023 Other tax refunds

\*L 980000 Income before taxes  
 980010 Family size  
 980020 Age of reference person  
 980030 Number of earners  
 980040 Number of vehicles  
 980050 Number of persons under 18  
 980060 Number of persons 65 and over  
 \*L 980070 Income after taxes  
 980090 Percent homeowner  
 980210 Percent male reference person  
 980220 Percent female reference person  
 980230 Percent homeowner with mortgage  
 980240 Percent homeowner without mortgage  
 980250 Percent homeowner, mortgage not reported  
 980260 Percent renter  
 980270 Percent black reference person  
 D032 980280 Percent non-black reference person  
 N032 980281 Percent white reference person  
 N032 980282 Percent Asian reference person  
 N032 980283 Percent Other race reference person  
 N032 980285 Percent Hispanic or Latino reference person  
 N032 980286 Percent non-Hispanic or Latino reference person  
 980290 Percent reference person with elementary education  
 980300 Percent reference person with high school education  
 980310 Percent reference person with college education  
 980320 Percent reference person with no education/other  
 980330 Percent vehicle owner  
 980340 Percent of CUs with at least one leased auto, truck, or van  
 980350 Percent of CUs with at least one owned or leased vehicle  
 980360 Number of vehicles leased

## **XIV.APPENDIX 3 -- UCC AGGREGATION**

The Istub file in the Programs folder on the CD shows the UCC aggregation used in the sample program. This aggregation scheme may also be found on our website at [www.bls.gov/cex](http://www.bls.gov/cex). New and used aircraft purchases are not on the microdata files for confidentiality reasons. They are included in the published CE tables so transportation estimates based on these data may vary slightly from BLS published tables.

## **XV.APPENDIX 4 -- FMLY AND MEMB VARIABLES ORDERED BY START POSITION**

This appendix lists FMLY and MEMB variables in the order that they appear on the files. Sections III.F.1. CONSUMER UNIT (CU) CHARACTERISTICS AND INCOME FILE (FMLY) and III.F.2. MEMBER CHARACTERISTICS AND INCOME (MEMB) FILE contain detailed descriptions of these variables arranged on a functional basis.

## A. FMLY FILE

Variable	Start Position	Variable	Start Position	Variable	Start Position
NEWID	1	COMPSAVX	187	FPRI_ENX	369
DIRACC	9	COMP_AVX	195	FRRDEDX	370
DIRACC_	10	COMPSEC	196	FRRDEDX_	378
AGE_REF	11	COMPSEC_	197	FRRETIRX	379
AGE_REF_	13	COMPSECX	198	FRRE_IRX	387
AGE2	14	COMP_ECX	206	FSALARYX	388
AGE2_	16	CUTENURE	216	FSAL_RYX	396
AS_COMP1	26	CUTE_URE	217	FSLTAXX	397
AS_C_MP1	28	EARNCOMP	221	FSLTAXX_	405
AS_COMP2	29	EARN_OMP	222	FSSIX	406
AS_C_MP2	31	EARNINCX	223	FSSIX_	414
AS_COMP3	32	EARN_NCX	232	GOVTCOST	421
AS_C_MP3	34	EDUC_REF	233	GOVT_OST	422
AS_COMP4	35	EDUC0REF	235	HLFBATHQ	423
AS_C_MP4	37	EDUCA2	236	HLFB_THQ	426
AS_COMP5	38	EDUCA2_	238	INC_HRS1	427
AS_C_MP5	40	FAM_SIZE	242	INC__RS1	430
BATHRMQ	41	FAM__IZE	244	INC_HRS2	431
BATHRMQ_	44	FAM_TYPE	245	INC__RS2	434
BEDROOMQ	45	FAM__YPE	246	INC_RANK	435
BEDR_OMQ	48	FAMTFEDX	247	INC__ANK	445
BLS_URBN	49	FAMT_EDX	255	INC_RNKU	446
BSINVSTX	50	FEDRFNDX	256	INC__NKU	455
BSIN_STX	60	FEDR_NDX	264	INCLOSSA	456
BUILDING	61	FEDTAXX	265	INCL_SSA	464
BUIL_ING	63	FEDTAXX_	273	INCLOSSB	465
CKBKACTX	85	FFRMINCX	274	INCL_SSB	473
CKBK_CTX	95	FFRM_NCX	283	INCNONW1	474
COMPBND	143	FGOVRETX	284	INCN_NW1	475
COMPBND_	144	FGOV_ETX	292	INCNONW2	476
COMPBNDX	145	FINCATAX	293	INCN_NW2	477
COMP_NDX	153	FINCAT_X	302	INCOMEY1	478
COMPCKG	154	FINCBTAX	303	INCO_EY1	479
COMPCKG_	155	FINCBT_X	312	INCOMEY2	480
COMPCKGX	156	FINDRETX	313	INCO_EY2	481
COMP_KGX	164	FIND_ETX	321	INCWEEK1	482
COMPENSX	165	FININCX	322	INCW_EK1	484
COMP_NSX	173	FININCX_	330	INCWEEK2	485
COMPOWD	174	FINLWT21	331	INCW_EK2	487
COMPOWD_	175	FJSSDEDX	342	INSRFNDX	488
COMPOWDX	176	FJSS_EDX	350	INSR_NDX	496
COMP_WDX	184	FNONFRMX	351	INTEARNX	497
COMPSAV	185	FNON_RMX	360	INTE_RNX	505
COMPSAV_	186	FPRIPENX	361	MISCTAXX	515

Variable	Start Position	Variable	Start Position	Variable	Start Position
MISC_AXX	523	REF__ACE	672	WTREP03	863
LOT_SIZE	524	REGION	673	WTREP04	874
LOT__IZE	526	RENTEQVX	674	WTREP05	885
LUMPSUMX	527	RENT_QVX	680	WTREP06	896
LUMP_UMX	535	RESPSTAT	681	WTREP07	907
MARITAL1	536	RESP_TAT	682	WTREP08	918
MARI_AL1	537	ROOMSQ	683	WTREP09	929
MONYOWDX	547	ROOMSQ_	686	WTREP10	940
MONY_WDX	555	SALEINCX	687	WTREP11	951
NO_EARNR	556	SALE_NCX	695	WTREP12	962
NO_E_RNR	558	SAVACCTX	696	WTREP13	973
NO_EARNX	559	SAVA_CTX	706	WTREP14	984
NO_E_RNX	568	SECESTX	707	WTREP15	995
NONINCMX	572	SECESTX_	717	WTREP16	1006
NONI_CMX	580	SELLSECX	718	WTREP17	1017
NUM_AUTO	581	SELL_ECX	728	WTREP18	1028
NUM__UTO	583	SETLINSX	729	WTREP19	1039
OCCUCOD1	593	SETL_NSX	737	WTREP20	1050
OCCU_OD1	595	SEX_REF	738	WTREP21	1061
OCCUCOD2	596	SEX_REF_	739	WTREP22	1072
OCCU_OD2	598	SEX2	740	WTREP23	1083
D032ORIGIN1	599	SEX2_	741	WTREP24	1094
D032ORIGIN1_	600	SLOCTAXX	742	WTREP25	1105
D032ORIGIN2	601	SLOC_AXX	750	WTREP26	1116
D032ORIGIN2_	602	SLRFUNDX	751	WTREP27	1127
OTHRFNDX	606	SLRF_NDX	759	WTREP28	1138
OTHR_NDX	614	SMSASTAT	760	WTREP29	1149
OTHRINCX	615	SSOVERPX	761	WTREP30	1160
OTHR_NCX	623	SSOV_RPX	769	WTREP31	1171
PENSIONX	624	ST_HOUS	770	WTREP32	1182
PENS_ONX	632	ST_HOUS_	771	WTREP33	1193
PERSLT18	633	TAXPROPX	772	WTREP34	1204
PERS_T18	635	TAXP_OPX	780	WTREP35	1215
PERSOT64	636	TOTTXPDX	781	WTREP36	1226
PERS_T64	638	TOTT_PDX	790	WTREP37	1237
POPSIZE	639	UNEMPLX	791	WTREP38	1248
PRINEARN	640	UNEMPLX_	799	WTREP39	1259
PRIN_ARN	642	USBNDX	800	WTREP40	1270
PTAXRFDX	643	USBNDX_	808	WTREP41	1281
PTAX_FDX	651	VEHQ	809	WTREP42	1292
PUBLHOUS	652	VEHQ_	811	WTREP43	1303
PUBL_OUS	653	WDBSASTX	812	WTREP44	1314
PURSSECX	654	WDBS_STX	822	TOTEXPPQ	1325
PURS_ECX	662	WDBSGDSX	823	TOTEXPCQ	1337
QINTRVMO	663	WDBS_DSX	831	FOODPQ	1349
QINTRVYR	665	WELFAREX	832	FOODCQ	1361
RACE2	669	WELF_REX	840	FDHOMEPQ	1373
RACE2_	670	WTREP01	841	FDHOMEQ	1385
REF_RACE	671	WTREP02	852	FDAWAYPQ	1397

Variable	Start Position	Variable	Start Position	Variable	Start Position
FDAWAYCQ	1409	BBYDAYPQ	1997	VEHFINCQ	2585
FDXMAPPQ	1421	BBYDAYCQ	2009	MAINRPPQ	2597
FDXMAPCQ	1433	OTHHEXPQ	2021	MAINRPCQ	2609
FDMAPPQ	1445	OTHHEXCQ	2033	VEHINSPQ	2621
FDMAPCQ	1457	HOUSEQPQ	2045	VEHINSCQ	2633
ALCBEVPQ	1469	HOUSEQCQ	2057	VRNTLOPQ	2645
ALCBEVCQ	1481	TEXTILPQ	2069	VRNTLOCQ	2657
HOUSPQ	1493	TEXTILCQ	2081	PUBTRAPQ	2669
HOUSCQ	1505	FURNTRPQ	2093	PUBTRACQ	2681
SHELTPQ	1517	FURNTRCQ	2105	TRNTRPPQ	2693
SHELTCQ	1529	FLRCVRPQ	2117	TRNTRPCQ	2705
OWNDWEPQ	1541	FLRCVRCQ	2129	TRNTHPQ	2717
OWNDWECQ	1553	MAJAPPQ	2141	TRNTHCQ	2729
MRTINTPQ	1565	MAJAPPCQ	2153	HEALTHPQ	2741
MRTINTCQ	1577	SMLAPPQ	2165	HEALTHCQ	2753
PROPTXPQ	1589	SMLAPPCQ	2177	HLTHINPQ	2765
PROPTXCQ	1601	MISCEQPQ	2189	HLTHINCQ	2777
MRPINSPQ	1613	MISCEQCQ	2201	MEDSRVPQ	2789
MRPINSCQ	1625	APPARPQ	2213	MEDSRVCQ	2801
RENDWEPQ	1637	APPARCQ	2225	PREDRGPQ	2813
RENDWECQ	1649	MENBOYPQ	2237	PREDRGCQ	2825
RNTXRPPQ	1661	MENBOYCQ	2249	MEDSUPPQ	2837
RNTXRPCQ	1673	MENSIXPQ	2261	MEDSUPCQ	2849
RNTAPYPQ	1685	MENSIXCQ	2273	ENTERTPQ	2861
RNTAPCQ	1697	BOYFIFPQ	2285	ENTERTCQ	2873
OTHLODPQ	1709	BOYFIFCQ	2297	FEEADMPQ	2885
OTHLODCQ	1721	WOMGRLPQ	2309	FEEADMCCQ	2897
UTILPQ	1733	WOMGRLCQ	2321	TVRDIOPQ	2909
UTILCQ	1745	WOMSIXPQ	2333	TVRDIOCQ	2921
NTLGASPQ	1757	WOMSIXCQ	2345	OTHEQPPQ	2933
NTLGASCQ	1769	GRLFIFPQ	2357	OTHEQPCQ	2945
ELCTRCPQ	1781	GRLFIFCQ	2369	PETTOYPQ	2957
ELCTRCCQ	1793	CHLDRNPQ	2381	PETTOYCQ	2969
ALLFULPQ	1805	CHLDRNCQ	2393	OTHENTPQ	2981
ALLFULCQ	1817	FOOTWRPQ	2405	OTHENTCQ	2993
FULOILPQ	1829	FOOTWRCQ	2417	PERSCAPQ	3005
FULOILCQ	1841	OTHAPLPQ	2429	PERSCACQ	3017
OTHFLSPQ	1853	OTHAPLCQ	2441	READPQ	3029
OTHFLSCQ	1865	TRANSPQ	2453	READCQ	3041
TELEPHPQ	1877	TRANSCQ	2465	EDUCAPQ	3053
TELEPHCQ	1889	CARTKNPQ	2477	EDUCACQ	3065
WATRPSQP	1901	CARTKNCQ	2489	TOBACCPQ	3077
WATRPSQCQ	1913	CARTKUPQ	2501	TOBACCCQ	3089
HOUSOPPQ	1925	CARTKUCQ	2513	MISCPQ	3101
HOUSOPCQ	1937	OTHVEHPQ	2525	MISCCQ	3113
DOMSRVPQ	1949	OTHVEHCQ	2537	MISC1PQ	3125
DOMSRVCQ	1961	GASMOPQ	2549	MISC1CQ	3137
DMSXCCPQ	1973	GASMOCQ	2561	MISC2PQ	3149
DMSXCCCQ	1985	VEHFINPQ	2573	MISC2CQ	3161

Variable	Start Position	Variable	Start Position	Variable	Start Position
CASHCOPQ	3173	MISCX4PQ	3411	TOTHTREC	3692
CASHCOCQ	3185	MISCX4CQ	3423	TTRNTRIP	3702
PERINSPQ	3197	CUINCOME	3435	TTRNTRIC	3712
PERINSCQ	3209	CUIN_OME	3437	TFAREP	3722
LIFINSPQ	3221	RECORDS	3438	TFAREC	3732
LIFINSCQ	3233	RECORDS_	3439	TAIRFARP	3742
RETPENPQ	3245	TYPERE1	3440	TAIRFARC	3752
RETPENCQ	3257	TYPE_EC1	3441	TOTHFARP	3762
HH_CU_Q	3269	TYPERE2	3442	TOTHFARC	3772
HH_CU_Q_	3271	TYPE_EC2	3443	TLOCALTP	3782
HHID	3272	TYPERE3	3444	TLOCALTC	3792
HHID_	3275	TYPE_EC3	3445	TENTRMNP	3802
POV_CY	3276	TYPERE4	3446	TENTRMNC	3812
POV_CY_	3277	TYPE_EC4	3447	TFEESADP	3822
POV_PY	3278	TYPERE5	3448	TFEESADC	3832
POV_PY_	3279	TYPE_EC5	3449	TOTHENTP	3842
HEATFUEL	3292	TYPERE6	3450	TOTHENTC	3852
HEAT_UEL	3294	TYPE_EC6	3451	OWNVACP	3862
SWIMPOOL	3298	TYPERE7	3452	OWNVACC	3872
SWIM_OOL	3300	TYPE_EC7	3453	VOTHRLOP	3882
WATERHT	3307	TYPERE8	3454	VOTHRLOC	3892
WATERHT_	3309	TYPE_EC8	3455	VMISCHEP	3902
APTMENT	3310	VEHQL	3456	VMISCHEC	3912
APTMENT_	3312	VEHQL_	3458	UTILOWNP	3922
OFSTPARK	3313	NUM_TVAN	3459	UTILOWNC	3932
OFST_ARK	3315	NUM__VAN	3461	VFUELOIP	3942
WINDOWAC	3316	TTOTALP	3462	VFUELOIC	3952
WIND_WAC	3318	TTOTALC	3472	VOTHRFLP	3962
CNTRALAC	3319	TFOODTOP	3482	VOTHRFLC	3972
CNTR_LAC	3321	TFOODTOC	3492	VELECTRP	3982
CHILDAGE	3322	TFOODAWP	3502	VELECTRC	3992
CHIL_AGE	3323	TFOODAWC	3512	VNATLGAP	4002
INCLASS	3324	TFOODHOP	3522	VNATLGAC	4012
STATE	3326	TFOODHOC	3532	VWATERPP	4022
STATE_	3328	TALCBEVP	3542	VWATERPC	4032
CHDOTHX	3329	TALCBEVC	3552	MRTPRNOP	4042
CHDOTHX_	3337	TOTHRLOP	3562	MRTPRNOC	4052
ALIOTHX	3338	TOTHRLOC	3572	UTILRNTP	4062
ALIOTHX_	3346	TTRANPRP	3582	UTILRNTPC	4072
CHDLMPX	3347	TTRANPRC	3592	RFUELOIP	4082
CHDLMPX_	3355	TGASMOTP	3602	RFUELOIC	4092
ERANKMTH	3356	TGASMOTC	3612	ROTHRFLP	4102
ERAN_MTH	3367	TVRENTLP	3622	ROTHRFLC	4112
ERANKH	3368	TVRENTLC	3632	RELECTRP	4122
ERANKH_	3377	TCARTRKP	3642	RELECTRC	4132
ERANKUH	3378	TCARTRKC	3652	RNATLGAP	4142
ERANKUH_	3386	TOTHVHRP	3662	RNATLGAC	4152
TOTEX4PQ	3387	TOTHVHRC	3672	RWATERPP	4162
TOTEX4CQ	3399	TOTHTREP	3682	RWATERPC	4172

Variable	Start Position	Variable	Start Position	Variable	Start Position
POVLEVCY	4182	EENTMSCP	4546	INCLOSAB	4694
POVL_VCY	4190	EENTMSCC	4556	INCL_SAB	4696
POVLEVPY	4191	EMISCELP	4566	INCLSABX	4697
POVL_VPY	4199	EMISCELC	4576	INCL_ABX	4703
COOKING	4200	EMISCMTP	4586	INCLOSBB	4704
COOKING_	4202	EMISCMTC	4596	INCL_SBB	4706
PORCH	4203	UNISTRQ	4606	INCLSBBX	4707
PORCH_	4205	UNISTRQ_	4608	INCL_BBX	4713
ETOTALP	4206	YRBUILT	4609	CHDLMPB	4714
ETOTALC	4216	YRBUILT_	4613	CHDLMPB_	4716
ETOTAPX4	4226	INTEARNB	4614	CHDLMPBX	4717
ETOTACX4	4236	INTE_RNB	4616	CHDL_PBX	4723
EHOUSNGP	4246	INTERNBX	4617	CHDOTHB	4724
EHOUSNGC	4256	INTE_NBX	4623	CHDOTHB_	4726
ESHELTRP	4266	FININCB	4624	CHDOTHBX	4727
ESHELTRC	4276	FININCB_	4626	CHDO_HBX	4733
EOWNDWLP	4286	FININCBX	4627	ALIOHNB	4734
EOWNDWLC	4296	FINI_CBX	4633	ALIOHNB_	4736
EOTHLODP	4306	PENSIONB	4634	ALIOHNBX	4737
EOTHLODC	4316	PENS_ONB	4636	ALIO_HBX	4743
EMRTPNOP	4326	PNSIONBX	4637	LUMPSUMB	4744
EMRTPNOC	4336	PNSI_NBX	4643	LUMP_UMB	4746
EMRTPNVP	4346	UNEMPLB	4644	LMPSUMBX	4747
EMRTPNVC	4356	UNEMPLB_	4646	LMPS_MBX	4753
ETRANPTP	4366	UNEMPLBX	4647	SALEINCB	4754
ETRANPTC	4376	UNEM_LBX	4653	SALE_NCB	4756
EVEHPURP	4386	COMPENSB	4654	SALINCBX	4757
EVEHPURC	4396	COMP_NSB	4656	SALI_CBX	4763
ECARTKNP	4406	COMPNSBX	4657	OTHRINCB	4764
ECARTKNC	4416	COMP_SBX	4663	OTHR_NCB	4766
ECARTKUP	4426	WELFARB	4664	OTRINCBX	4767
ECARTKUC	4436	WELF_REB	4666	OTRI_CBX	4773
EOTHVEHP	4446	WELFREBX	4667	INCLASS2	4774
EOTHVEHC	4456	WELF_EBX	4673	INCL_SS2	4775
EENTRMTP	4466	<sup>D032</sup> FOODSMPQ	4674	CUID	4776
EENTRMTC	4476	<sup>D032</sup> FOOD_MPQ	4676	INTERI	4783
EOTHENTP	4486	FOODSMPX	4677	<sup>N032</sup> HORREF1	4784
EOTHENTC	4496	FOOD_MPX	4683	<sup>N032</sup> HORREF1_	4785
ENOMOTRP	4506	FOODSMPB	4684	<sup>N032</sup> HORREF2	4786
ENOMOTRC	4516	FOOD_MPB	4686	<sup>N032</sup> HORREF2_	4787
EMOTRVHP	4526	FOODSPBX	4687		
EMOTRVHC	4536	FOOD_PBX	4693		

## B. MEMB FILE

Variable	Start Position	Variable	Start Position	Variable	Start Position
NEWID	1	INCOMEY_	123	SLTAXX_	238
AGE	9	INCORP	124	SOCRRX	239
AGE_	11	INCORP_	125	SOCRRX_	247
AMTFED	12	INCWEEKQ	126	SS_RRQ	248
AMTFED_	20	INCW_EKQ	128	SS_RRQ_	250
ANFEDTX	21	INDRETX	129	SSIX	251
ANFEDTX_	29	INDRETX_	139	SSIX_	259
ANGOVRTX	30	JSSDEDX	140	SSNORM	260
ANGO_RTX	38	JSSDEDX_	146	SSNORM_	261
ANPRVPNX	39	MARITAL	147	SALARYB	262
ANPR_PNX	47	D032MARITAL_	148	SALARYB_	264
ANRRDEDX	48	MEDICOV	149	SALARYBX	265
ANRR_EDX	56	MEDICOV_	150	SALA_YBX	271
ANSLTX	57	MEMBNO	151	NONFARMB	272
ANSLTX_	65	NFRMLOSS	153	NONF_RMB	274
ARM_FORC	66	NFRM_OSS	154	NONFRMBX	275
ARM_ORC	67	NONFARMX	155	NONF_MBX	281
CU_CODE	68	NONF_RMX	165	FARMINCB	282
D032CU_CODE_	69	OCCUCODE	166	FARM_NCB	284
EARNER	70	OCCU_ODE	168	FRMINCBX	285
EARNER_	71	D032ORIGINR	169	FRMI_CBX	291
EARNTYPE	72	PAYPERD	170	RRRETIRB	292
EARN_YPE	73	PAYPERD_	171	RRRE_IRB	294
EDUCA	74	PRIVPENX	172	RRRETRBX	295
EDUCA_	76	PRIV_ENX	180	RRRE_RBX	301
EMPLCONT	77	PWRKSTAT	181	SSIB	302
EMPL_ONT	78	PWRK_TAT	182	SSIB_	304
FARMINCX	79	D032RACE	183	SSIBX	305
FARM_NCX	89	D032RACE_	184	SSIBX_	311
FARMLOSS	90	RRRDEDX	185	N032HORIGIN	312
FARM_OSS	91	RRRDEDX_	193	N032HISPANIC	313
GOVRETX	92	RRRETIRX	194	N032HISP_NIC	314
GOVRETX_	100	RRRE_IRX	202	N032MEMBRACE	315
GROSPAYX	101	SALARYX	203	N032RC_WHITE	316
GROS_AYX	111	SALARYX_	213	N032RC_W_ITE	317
IN_COLL	112	SCHMLWKQ	214	N032RC_BLACK	318
IN_COLL_	113	SCHM_WKQ	216	N032RC_B_ACK	319
INC_HRSQ	114	SCHMLWKX	217	N032RC_NATAM	320
INC_RSQ	117	SCHM_WKX	220	N032RC_N_TAM	321
INCMEDCR	118	SEX	221	N032RC_ASIAN	322
INCM_DCR	119	D032SEX_	222	N032RC_A_IAN	323
INCNONWK	120	SLFEMPSS	223	N032R_PACIL	324
INCN_NWK	121	SLFE_PSS	229	N032R_P_CIL	325
INCOMEY	122	SLTAXX	230	N032RC_OTHER	326

N032	RC_O_HER	327
N032	RC_DK	328
N032	RC_DK_	329
N032	ASIAN	330
N032	ASIAN_	331

## XVI.APPENDIX 5 -- PUBLICATIONS AND DATA RELEASES FROM THE CONSUMER EXPENDITURE SURVEY

A partial list of publications containing data from the CE program appears below. Bulletins may be purchased from the Chicago regional sales center, from the U.S. Government Printing Office, Washington D.C., 20402, or from National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22161. To place a telephone order with National Technical Information Service, call (703)-487-4650, or for a rush order, call 1(800)-553-NTIS.

Consumer Expenditures in 2003, (expected in 2005)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditures in 2002, Report 974 (2004)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditure Survey Anthology, Report 967 (2003)	A collection of analytical and methodological articles using Consumer Expenditure Survey data.
Consumer Expenditures in 2001, Report 966 (2003)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables. Available on request (202)691-6900.
Consumer Expenditure Survey, 2000-2001, Report 969 (2003)	Consumer unit income and expenditures, integrated data from Interview and Diary Surveys, classified by consumer unit characteristics: one way and cross tabulations, relative and aggregate shares. 64 tables.
Consumer Expenditures in 2000, Report 958 (2002)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables. Available on request (202)691-6900.
Consumer Expenditure Survey, 1998-99, Report 955	Consumer unit income and expenditures, integrated data from Interview and Diary Surveys, classified by consumer unit characteristics: one way and cross tabulations, relative and aggregate shares. 64 tables.
Consumer Expenditures in 1999, Report 949 (2001)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables. Available on request (202)691-6900.
Consumer Expenditures in 1998, Report 940 (2000)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables. Available on request (202)691-6900.

For information on the availability of prior publications, please contact us at (202)691-6900 or e-mail us at [CEXinfo@bls.gov](mailto:CEXinfo@bls.gov).

## CONSUMER EXPENDITURE SURVEY DATA ON THE INTERNET

Commonly-requested CE data tables can be found on-line at <http://www.bls.gov/cex>. The following One and Two-year Tables of integrated Diary and Interview data are available under the [Tables Created by BLS](#) heading:

### One Year Tables

*Standard Tables* from 1984-2003  
*Expenditure Shares Tables* from 1998-2003  
*Aggregate Expenditure Shares Tables* from 1998-2003

### Two Year Tables

*Cross-Tabulated Tables* from 1986-2003  
*Metropolitan Statistical Area Tables* from 1986-2003  
*Region Tables* from 1998-2003  
*High Income Tables* from 1998-2003  
*Multi-Year Tables* for 1984-1992 and 1993-2003

## FAX ON DEMAND - FAXSTAT

FAXSTAT contains information and data that may be faxed to users from a touch-tone phone 24 hours a day -- 7 days a week. To receive FAXSTAT transmissions dial (202) 691-6325 and follow the voice prompts. Consumer Expenditure Survey data that are accessible on FAXSTAT are for the most recent year available

## CD-ROMS

CE microdata on CD-Rom are available from the Bureau of Labor Statistics for 1972-73, 1980-81, 1990-91, 1992-93, and for each individual year from 1994-2003. The 1980-81 through 2003 releases contain Interview and Diary data, while the 1972-73 CD includes Interview data only. The 1980-81, and the 1990 files (of the 1990-91 CD) include selected EXPN data, while the 1991 files (from the 1990-91 CD) and the 1992-93 CD do not. In addition to the Interview and Diary data, the CDs from 1994-2003 include the complete collection of EXPN files. A 1984-94 "multi-year" CD that presents Interview FMLY file data is also available. In addition to the microdata, the CD's also contain the same integrated Diary and Interview tabulated data (1984-present) that are found on the Consumer Expenditure Survey web site (<http://www.bls.gov/cex>).

More information on the particular CD roms available and the order form can be found on the Consumer Expenditure Survey web site: <http://www.bls.gov/cex/csxmico.htm>

## STATE CODES ON DISKETTE

State codes from 1982 to 1993 are available on diskette for the Interview Survey. The diskettes contain the variables NEWID and STATE, thus enabling the microdata user to identify the states in which consumer units reside. Caution should be exercised when analysis is done by state, due to the composition of some PSUs. PSUs in some state border areas may not be unique to one state, but may contain CUs from two or more states. (See Section X.D. STATE IDENTIFIER.) Also, because of nondisclosure requirements STATE has been suppressed for some sampled CUs. (See Section IV.A. CU CHARACTERISTICS AND INCOME FILE (FMLY.)) The state data diskettes are free and may be

obtained by contacting the BLS national office. (See Section XVII. INQUIRIES, SUGGESTIONS, AND COMMENTS)

## **XVII. INQUIRIES, SUGGESTIONS, AND COMMENTS**

If you have any questions, suggestions, or comments about the survey, the microdata, or its documentation, please call (202) 691-6900 or email [cexinfo@bls.gov](mailto:cexinfo@bls.gov).

Written suggestions and comments should be forwarded to:

Division of Consumer Expenditure Surveys  
Branch of Information and Analysis  
Bureau of Labor Statistics, Room 3985  
2 Massachusetts Ave. N.E.  
Washington, DC. 20212-0001

The Bureau of Labor Statistics will use these responses in planning future releases of the microdata.