

2003 CONSUMER EXPENDITURE INTERVIEW SURVEY
PUBLIC USE MICRODATA
DOCUMENTATION

February 24, 2004

U.S. Department of Labor
Bureau of Labor Statistics
Division of Consumer Expenditure Surveys

TABLE OF CONTENTS

Links to Pages

I. INTRODUCTION	6
II. CHANGES FROM THE 2002 CONSUMER EXPENDITURE FILES	6
III. FILE INFORMATION	35
A. DATA SET NAMES.....	38
B. RECORD COUNTS	40
C. DATA FLAGS	41
D. FILE NOTATION	42
E. ALLOCATION AND RECORD ORIGIN (EXPN).....	43
F. DETAILED VARIABLE DESCRIPTIONS.....	43
1. CONSUMER UNIT (CU) CHARACTERISTICS AND INCOME FILE (FMLI).....	43
a. CU AND INTERVIEW IDENTIFIERS	44
b. CU CHARACTERISTICS.....	45
c. CHARACTERISTICS OF REFERENCE PERSON AND SPOUSE.....	53
d. WORK EXPERIENCE OF REFERENCE PERSON AND SPOUSE	57
e. INCOME.....	59
f. OTHER MONEY RECEIPTS	69
g. TAXES	72
h. RETIREMENT AND PENSION DEDUCTIONS.....	73
i. FINANCIAL INFORMATION.....	74
k. HOUSING STRUCTURE	78
l. WEIGHTS.....	82
m. SUMMARY EXPENDITURE DATA.....	84
2. MEMBER CHARACTERISTICS AND INCOME (MEMI) FILE.....	105
a. CU AND MEMBER IDENTIFIERS	106
b. CHARACTERISTICS OF MEMBER	106
c. WORK EXPERIENCE OF MEMBER	111
d. INCOME.....	113
e. TAXES	117
f. RETIREMENT AND PENSION DEDUCTIONS.....	118
3. MONTHLY EXPENDITURES (MTBI) FILE	120
4. INCOME (ITBI) FILE	122
5. DETAILED EXPENDITURES (EXPN) FILES.....	123
a. General Survey Information – Major Household Appliances (SECTION 1, PART C) (APL)..	123
b. Rented Living Quarters – CU Tenure, Rental Payments, Facilities, and Services for Sample Unit and Other Units (SECTION 2, PARTS A & B) (RNT)	125
c. Owned Living Quarters and Other Owned Real Estate - Detailed Property Description (SECTION 3, PART B) (OPB)	128
d. Owned Living Quarters and Other Owned Real Estate - Disposed of Property (SECTION 3, PART D) (OPD)	130
e. Owned Living Quarters and Other Owned Real Estate - Mortgages (SECTION 3, PART F) (MOR).....	132
f. Owned Living Quarters and Other Owned Real Estate - Lump Sum Home Equity Loans (SECTION 3, PART G) (HEL)	136
g. Owned Living Quarters and Other Owned Real Estate - Line of Credit Home Equity Loans (SECTION 3, PART H) (OPH).....	140
h. Owned Living Quarters and Other Owned Real Estate - Ownership Costs (SECTION 3, PART I) (OPI).....	142
i. Utilities and Fuels for Owned and Rented Properties – Telephone Expenses (SECTION 4, PART A) (UTA).....	149
j. Utilities and Fuels for Owned and Rented Properties – Additional Telephone Expenses (SECTION 4, PART B) (UTP)	153
k. Utilities and Fuels for Owned and Rented Properties - Screening Questions (SECTION 4, PART C) (UTB).....	153

I. Utilities and Fuels for Owned and Rented Properties - Detailed Questions (SECTION 4, PART D) (UTC).....	156
m. Construction, Repairs, Alterations, and Maintenance of Property - Screening Questions (SECTION 5, PART A) (CRA).....	160
n. Construction, Repairs, Alterations, and Maintenance of Owned and Rented Property - Job Description (SECTION 5, PART B) (CRB).....	162
o. Appliances, Household Equipment, and Other Selected Items - Purchase of Household Appliances (SECTION 6, PART A) (APA).....	170
p. Appliances, Household Equipment, and Other Selected Items - Purchase of Household Appliances and Other Selected Items (SECTION 6, PART B) (APB).....	172
q. Household Equipment Repairs, Service Contracts, and Furniture Repair and Reupholstering - Household Equipment Repairs and Service Contracts (SECTION 7, PART B) (EQB).....	175
r. Home Furnishings and Related Household Items - Purchases (SECTION 8, PART A) (FRA).....	178
s. Home Furnishings and Related Household Items - Rental, Leasing, or Repair of Furniture (SECTION 8, PART B) (FRB).....	180
t. Clothing and Sewing Materials - Clothing (SECTION 9, PART A) (CLA).....	181
u. Clothing and Sewing Materials - Infants Clothing, Watches, Jewelry, and Hairpieces (SECTION 9, PART B) (CLB).....	183
v. Clothing and Sewing Materials - Sewing Materials (SECTION 9, PART C) (CLC).....	186
w. Clothing and Sewing Materials - Clothing Services (SECTION 9, PART D) (CLD).....	188
x. Rented and Leased Vehicles - Screening Questions (SECTION 10, PART A.1) (RTV).....	190
y. Rented and Leased Vehicles - Detailed Questions for Leased Vehicles (SECTION 10, PART B) (LSD).....	191
z. Owned Vehicles - Detailed Questions (SECTION 11, PART B) (OVB).....	196
aa. Owned Vehicles - Disposal of Vehicles (SECTION 11, PART C) (OVC).....	206
bb. Vehicle Operating Expenses - Vehicle Maintenance and Repair, Parts, and Equipment (SECTION 12, PART A) (VEQ).....	207
cc. Vehicle Operating Expenses - Licensing, Registration, and Inspection of Vehicles (SECTION 12, PART B) (VLR).....	211
dd. Vehicle Operating Expenses - Other Vehicle Operating Expenses (SECTION 12, PART C) (VOT).....	212
ee. Insurance Other Than Health - Detailed Questions (SECTION 13, PART B) (INB).....	214
ff. Hospitalization and Health Insurance - Detailed Questions (SECTION 14, PART B) (IHB).....	218
gg. Hospitalization and Health Insurance - Medicare, Medicaid and Other Health Insurance Plans Not Directly Paid for by the CU (SECTION 14, PART C) (IHC).....	220
hh. Medical and Health Expenditures - Payments for Medical Expenses (SECTION 15, PART B) (MDB).....	222
ii. Medical and Health Expenditures - Reimbursements for Medical Expenses (SECTION 15, PART C) (MDC).....	224
jj. Educational Expenses (SECTION 16) (EDA).....	226
kk. Subscriptions, Memberships, Books, and Entertainment Expenses - Subscriptions and Memberships (SECTION 17, PART A) (SUB).....	229
ll. Subscriptions, Memberships, Books, and Entertainment Expenses - Books and Entertainment Expenses (SECTION 17, PART B) (ENT).....	230
mm. Trips and Vacations - Trips Paid Entirely by CU and Partially Reimbursed Trips (SECTION 18, PARTS B & C) (TRV).....	231
nn. Trips and Vacations - 100% Reimbursed Trips (SECTION 18, PART D) (TRD).....	239
oo. Trips and Vacations - Trip Expenses for Non-CU Members (SECTION 18, PART E) (TRE).....	240
pp. Trips and Vacations - Local Overnight Stays (SECTION 18, PART F) (TRF).....	241
qq. Miscellaneous Expenses (SECTION 19, PART A) (MIS).....	242
rr. Miscellaneous Expenses - Contributions (SECTION 19, PART B) (CNT).....	245
ss. Expense Patterns for Food, Beverages, and Other Selected Items - Food and Beverages (SECTION 20, PART A) (XPA).....	246
tt. Expense Patterns for Food, Beverages, and Other Selected Items - Selected Services and Goods (SECTION 20, PART B) (XPB).....	248
uu. Credit Liability - Credit Balances - Second Quarter Only (SECTION 21, PART A.1) (FN2).....	250

v. Credit Liability - Credit Balances - Fifth Quarter Only (SECTION 21, PART A.2) (FNA).....	251
ww. Credit Liability - Finance Charges - Fifth Quarter Only (SECTION 21, PART B) (FNB)	252
6. PROCESSING FILES	254
a. Istub file	254
b. UCC file	254
c. VEHicle file	255
d. Sample program file	255
IV. TOPCODING AND OTHER NONDISCLOSURE REQUIREMENTS	255
A. CU CHARACTERISTICS AND INCOME FILE (FMI)	256
B. MEMBER CHARACTERISTICS AND INCOME FILE (MEMI)	260
C. MONTHLY EXPENDITURE FILE (MTBI).....	261
D. INCOME FILE (ITBI)	264
E. DETAILED EXPENDITURE FILES (EXPN)	267
V. ESTIMATION PROCEDURE	270
A. DESCRIPTION OF PROCEDURES	270
1. GENERAL CONCEPTS	270
a. SAMPLE VERSUS POPULATION ESTIMATES	270
b. CALENDAR PERIOD VERSUS COLLECTION PERIOD	270
c. TIME PERIOD DIFFERENCES	272
d. COMPARISONS WITH PUBLISHED CE DATA.....	273
2. ESTIMATION OF UNWEIGHTED STATISTICS.....	273
a. AGGREGATE STATISTICS	273
b. MEANS	274
(i) SAMPLE MEANS.....	274
(ii) MEANS OF THOSE REPORTING.....	275
3. ESTIMATION OF WEIGHTED STATISTICS.....	275
B. DESCRIPTION OF FORMULAS	276
1. AGGREGATE EXPENDITURE ESTIMATES (UNWEIGHTED)	276
2. SAMPLE MEAN EXPENDITURE ESTIMATES (UNWEIGHTED).....	277
3. AGGREGATE EXPENDITURE ESTIMATES (WEIGHTED)	278
4. SAMPLE MEAN EXPENDITURE ESTIMATES (WEIGHTED).....	278
VI. RELIABILITY STATEMENT.....	279
A. DESCRIPTION OF SAMPLING AND NONSAMPLING ERRORS.....	279
B. ESTIMATING SAMPLING ERROR.....	280
1. VARIANCE ESTIMATION	280
2. STANDARD ERROR OF THE MEAN.....	281
3. STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS	281
VII. MICRODATA VERIFICATION AND ESTIMATION METHODOLOGY	282
A. SAMPLE PROGRAM.....	283
B. OUTPUT	291
VIII. DESCRIPTION OF THE SURVEY	291
IX. DATA COLLECTION AND PROCESSING	292
A. BUREAU OF THE CENSUS ACTIVITIES.....	292
B. BUREAU OF LABOR STATISTICS ACTIVITIES	293
X. SAMPLING STATEMENT	293
A. SURVEY SAMPLE DESIGN	293
B. COOPERATION LEVELS	294
C. WEIGHTING	294
D. STATE IDENTIFIER.....	295
XI. INTERPRETING THE DATA	295
XII. APPENDIX 1 -- GLOSSARY	296
XIII. APPENDIX 2 -- UNIVERSAL CLASSIFICATION CODE (UCC) TITLES	297
A. EXPENDITURE UCCS ON MTBI FILE	297
B. INCOME AND RELATED UCCS ON ITBI FILE	310
XIV. APPENDIX 3 -- UCC AGGREGATION.....	311

XV. APPENDIX 4 -- PUBLICATIONS AND DATA RELEASES FROM THE CONSUMER EXPENDITURE SURVEY.....	311
INQUIRIES, SUGGESTIONS AND COMMENTS.....	313

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 XV. APPENDIX 4). The microdata are available online at <http://www/bls.gov/cex/pumhome.htm>.

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 FMLI, MEMI, MTBI, and ITBI 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 FMLI or MTBI 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*. 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. FMLI 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>Format</u>
ORIGIN1	Origin or ancestry of reference person	CHAR(1)
ORIGIN1_		CHAR(1)
ORIGIN2	Origin or ancestry of spouse	CHAR(1)
ORIGIN2_		CHAR(1)
FOODSMPQ	Number of months, during the last 12 months, food stamps received	NUM(2)
FOOD_MPQ		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 FMLI level.

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

2. Variable Additions

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

<u>Name</u>	<u>Variable Description</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	CHAR(1)	Control Card
HORREF1_		CHAR(1)	
HORREF2	Hispanic Origin of the spouse Coded same as HORREF1	CHAR(1)	Control Card
HORREF2_		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. MEMI 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	Format
ORIGINR	What is the member's ethnic origin or ancestry?	CHAR(1)
RACE	What is the race of each person in this CU?	CHAR(1)
RACE_		CHAR(1)
CU_CODE_		CHAR(1)
SEX_		CHAR(1)
MARITAL_		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 MEMI file will contain the following new variables:

Variable name	Variable Description	Format	Source
HORIGIN	Are you Hispanic, Latino, or Spanish? Coded: 1 Yes 2 No	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	CHAR(1)	Control Card
HISP_NIC		CHAR(1)	
MEMIRACE	Race of Member Coded: 1 White 2 Black 3 Native American 4 Asian 5 Pacific Islander 6 Multi-race	CHAR(1)	Control Card
RC_WHITE	Race Coded: 1 White	CHAR(1)	BLS Derived
RC_W_ITE		CHAR(1)	
RC_BLACK	Race Coded: 2 Black	CHAR(1)	BLS Derived
RC_B_ACK		CHAR(1)	
RC_NATAM	Race: Coded: 3 Native American	CHAR(1)	BLS Derived
RC_N_TAM		CHAR(1)	
RC_ASIAN	Race Coded: 4 Asian	CHAR(1)	BLS Derived

Variable name	Variable Description	Format	Source
RC_A_IAN		CHAR(1)	
RC_PACIL	Race Coded: 5 Pacific Islander	CHAR(1)	BLS Derived
RC_P_CIL		CHAR(1)	
RC_OTHER	Race Coded: 6 Other	CHAR(1)	BLS Derived
RC_O_HER		CHAR(1)	
RC_DK	Race Coded: 7 Don't Know	CHAR(1)	BLS Derived
RC_DK_		CHAR(1)	
ASIAN	Country of Asian origin (asked only if '4' is entered for MEMIRACE) Coded: 1 Chinese 2 Filipino 3 Japanese 4 Korean 5 Vietnamese 6 Asian Indian 7 Other	CHAR(1)	Control Card
ASIAN_		CHAR(1)	

HORIGIN will not have a flag variable.

MEMIRACE 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. MTBI File

PUBFLAG changes:

Beginning in 2003Q1, the variable PUBFLAG will be created directly from the file 'Intstub2003.txt' located in the Programs folder within the downloadable documentation. Changes from previous years will be noted in this file and not in the documentation.

D. ITBI File

1. UCC Deletions

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

980280 Percent non-black reference person

2. UCC Additions

Beginning in 2003Q2, the ITBI 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 'Intstub2003.txt' located in the Programs folder within the downloadable documentation. 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	Format
RTPMTRG	Were all the payments for the same amount? CODED 1 Yes 2 No S02A/B 2d/1d	CHAR(1)
RTPMTRG_		CHAR(1)
RTPMTQ	Since the 1st of (<i>month, 3 months ago</i>), how many payments have been made? S02A/B 2c/1c	NUM(3)
RTPMTQ_		CHAR(1)
RTCREXP	Were any payments made during the current month? CODED 1 Yes 2 No S02A/B 2f/1f	CHAR(1)
RTCREXP_		CHAR(1)
RNTLPRD	What period of time does this rental charge cover? CODED 4 Month 9 Other S02A/B 2b/1b	CHAR(1)
RNTLPRD_		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 2 Other 4 Month 9 Other

3. UTB File

a. Variable additions

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

Name	Variable Description	Format	Source
VACUTL1	If VACUTLY = 900, then VACUTL1 will contain the first code mentioned of the multiple items indicated in VACUTLY	CHAR(3)	CAPI Section 4
VACUTL1_		CHAR(1)	
VACUTL2	Same as VACUTL1, but contains the second item mentioned	CHAR(3)	CAPI Section 4
VACUTL2_		CHAR(1)	
VACUTL3	Same as VACUTL1, but contains the third item mentioned	CHAR(3)	CAPI Section 4
VACUTL3_		CHAR(1)	
VACUTL4	Same as VACUTL1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 4
VACUTL4_		CHAR(1)	
VACUTL5	Same as VACUTL1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 4
VACUTL5_		CHAR(1)	
VACUTL6	Same as VACUTL1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 4
VACUTL6_		CHAR(1)	
VACUTL7	Same as VACUTL1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 4
VACUTL7_		CHAR(1)	
VACUTL8	Same as VACUTL1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 4
VACUTL8_		CHAR(1)	
VACUTL9	Same as VACUTL1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 4
VACUTL9_		CHAR(1)	

b. Variable content changes

Beginning in 2003Q2, the following changes become applicable.

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

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	Format
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	CHAR(1)
BILUSED_		CHAR(1)

b. Variable additions

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

Name	Variable Description	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.	CHAR(1)	CAPI Section 4
HAVE_ILL		CHAR(1)	
UTIL1	If UTILY = 900, then UTIL1 will contain the first code mentioned of the multiple items indicated in UTILY	CHAR(3)	CAPI Section 4
UTIL1_		CHAR(1)	
UTIL2	Same as UTIL1, but contains the second item mentioned	CHAR(3)	CAPI Section 4
UTIL2_		CHAR(1)	

Name	Variable Description	Format	Source
UTIL3	Same as UTIL1, but contains the third item mentioned	CHAR(3)	CAPI Section 4
UTIL3_		CHAR(1)	
UTIL4	Same as UTIL1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 4
UTIL4_		CHAR(1)	
UTIL5	Same as UTIL1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 4
UTIL5_		CHAR(1)	
UTIL6	Same as UTIL1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 4
UTIL6_		CHAR(1)	
UTIL7	Same as UTIL1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 4
UTIL7_		CHAR(1)	
UTIL8	Same as UTIL1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 4
UTIL8_		CHAR(1)	
UTIL9	Same as UTIL1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 4
UTIL9_		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	Format	Source
CRMCD1	If CRMCD1 = 310, then CRMCD1 will contain the first code mentioned of the multiple items indicated in CRMCD1	CHAR(3)	CAPI Section 5
CRMCD1_		CHAR(1)	
CRMCD2	Same as CRMCD1, but contains the second item mentioned	CHAR(3)	CAPI Section 5
CRMCD2_		CHAR(1)	
CRMCD3	Same as CRMCD1, but contains the third item mentioned	CHAR(3)	CAPI Section 5
CRMCD3_		CHAR(1)	
CRMCD4	Same as CRMCD1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 5
CRMCD4_		CHAR(1)	
CRMCD5	Same as CRMCD1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 5
CRMCD5_		CHAR(1)	
CRMCD6	Same as CRMCD1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 5
CRMCD6_		CHAR(1)	
CRMCD7	Same as CRMCD1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 5
CRMCD7_		CHAR(1)	
CRMCD8	Same as CRMCD1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 5
CRMCD8_		CHAR(1)	
CRMCD9	Same as CRMCD1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 5
CRMCD9_		CHAR(1)	

6. CRB file

a. Variable additions

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

Name	Variable Description	Format	Source
QADPSPTX	Total cost of supplies purchased by CU adjusted for business & reimbursement)	NUM(8)	CAPI Section 5
QADP_PT_X		CHAR(1)	

Name	Variable Description	Format	Source
QADTLRX	Total cost of supplies rented by CU (adjusted for business & reimbursement)	NUM(8)	CAPI Section 5
QADTLRX_		CHAR(1)	
CRMCDDB1	If CRMCODEB = 310, then CRMCDDB1 will contain the first code mentioned of the multiple items indicated in CRMCODEB	CHAR(3)	CAPI Section 5
CRMCDDB1_		CHAR(1)	
CRMCDDB2	Same as CRMCDDB1, but contains the second item mentioned	CHAR(3)	CAPI Section 5
CRMCDDB2_		CHAR(1)	
CRMCDDB3	Same as CRMCDDB1, but contains the third item mentioned	CHAR(3)	CAPI Section 5
CRMCDDB3_		CHAR(1)	
CRMCDDB4	Same as CRMCDDB1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 5
CRMCDDB4_		CHAR(1)	
CRMCDDB5	Same as CRMCDDB1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 5
CRMCDDB5_		CHAR(1)	
CRMCDDB6	Same as CRMCDDB1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 5
CRMCDDB6_		CHAR(1)	
CRMCDDB7	Same as CRMCDDB1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 5
CRMCDDB7_		CHAR(1)	
CRMCDDB8	Same as CRMCDDB1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 5
CRMCDDB8_		CHAR(1)	
CRMCDDB9	Same as CRMCDDB1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 5
CRMCDDB9_		CHAR(1)	

7. APA file

a. Variable additions

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

Name	Variable Description	Format	Source
MJAPPL1	If MAJAPPLY = 225, then MJAPPL1 will contain the first code mentioned of the multiple items indicated in MAJAPPLY	CHAR(3)	CAPI Section 6
MJAPPL1_		CHAR(1)	
MJAPPL2	Same as MJAPPL1, but contains the second item	CHAR(3)	CAPI

Name	Variable Description	Format	Source
	mentioned		Section 6
MJAPPL2_		CHAR(1)	
MJAPPL3	Same as MJAPPL1, but contains the third item mentioned	CHAR(3)	CAPI Section 6
MJAPPL3_		CHAR(1)	
MJAPPL4	Same as MJAPPL1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 6
MJAPPL4_		CHAR(1)	
MJAPPL5	Same as MJAPPL1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 6
MJAPPL5_		CHAR(1)	
MJAPPL6	Same as MJAPPL1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 6
MJAPPL6_		CHAR(1)	
MJAPPL7	Same as MJAPPL1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 6
MJAPPL7_		CHAR(1)	
MJAPPL8	Same as MJAPPL1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 6
MJAPPL8_		CHAR(1)	
MJAPPL9	Same as MJAPPL1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 6
MJAPPL9_		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)

8. APB file

a. Variable additions

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

Name	Variable Description	Format	Source
MNAPPL1	If MINAPPLY = 900, then MNAPPL1 will contain the first code mentioned of the multiple items indicated in MINAPPLY	CHAR(3)	CAPI Section 6
MNAPPL1_		CHAR(1)	
MNAPPL2	Same as MNAPPL1, but contains the second item mentioned	CHAR(3)	CAPI Section 6
MNAPPL2_		CHAR(1)	

Name	Variable Description	Format	Source
MNAPPL3	Same as MNAPPL1, but contains the third item mentioned	CHAR(3)	CAPI Section 6
MNAPPL3_		CHAR(1)	
MNAPPL4	Same as MNAPPL1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 6
MNAPPL4_		CHAR(1)	
MNAPPL5	Same as MNAPPL1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 6
MNAPPL5_		CHAR(1)	
MNAPPL6	Same as MNAPPL1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 6
MNAPPL6_		CHAR(1)	
MNAPPL7	Same as MNAPPL1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 6
MNAPPL7_		CHAR(1)	
MNAPPL8	Same as MNAPPL1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 6
MNAPPL8_		CHAR(1)	
MNAPPL9	Same as MNAPPL1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 6
MNAPPL9_		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)

9. EQB file

a. Variable additions

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

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

Name	Variable Description	Format	Source
APPRPB3_		CHAR(1)	
APPRPB4	Same as APPRPB1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 7
APPRPB4_		CHAR(1)	
APPRPB5	Same as APPRPB1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 7
APPRPB5_		CHAR(1)	
APPRPB6	Same as APPRPB1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 7
APPRPB6_		CHAR(1)	
APPRPB7	Same as APPRPB1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 7
APPRPB7_		CHAR(1)	
APPRPB8	Same as APPRPB1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 7
APPRPB8_		CHAR(1)	
APPRPB9	Same as APPRPB1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 7
APPRPB9_		CHAR(1)	

b. Variable content changes

Beginning in 2003Q2, the following changes become applicable

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

10. FRA file

a. Variable additions

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

Name	Variable Description	Format	Source
FRNPRY1	If FURNPURY = 900, then FRNPRY1 will contain the first code mentioned of the multiple items indicated in FURNPURY	CHAR(3)	CAPI Section 8
FRNPRY1_		CHAR(1)	
FRNPRY2	Same as FRNPRY1, but contains the second item mentioned	CHAR(3)	CAPI Section 8
FRNPRY2_		CHAR(1)	

Name	Variable Description	Format	Source
FRNPRY3	Same as FRNPRY1, but contains the third item mentioned	CHAR(3)	CAPI Section 8
FRNPRY3_		CHAR(1)	
FRNPRY4	Same as FRNPRY1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 8
FRNPRY4_		CHAR(1)	
FRNPRY5	Same as FRNPRY1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 8
FRNPRY5_		CHAR(1)	
FRNPRY6	Same as FRNPRY1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 8
FRNPRY6_		CHAR(1)	
FRNPRY7	Same as FRNPRY1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 8
FRNPRY7_		CHAR(1)	
FRNPRY8	Same as FRNPRY1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 8
FRNPRY8_		CHAR(1)	
FRNPRY9	Same as FRNPRY1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 8
FRNPRY9_		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)

11. CLA file

a. Variable additions

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

Name	Variable Description	Format	Source
CLOTHA1	If CLOTHYA = 900, then CLOTHA1 will contain the first code mentioned of the multiple items indicated in CLOTHYA	CHAR(3)	CAPI Section 9
CLOTHA1_		CHAR(1)	
CLOTHA2	Same as CLOTHA1, but contains the second item mentioned	CHAR(3)	CAPI Section 9
CLOTHA2_		CHAR(1)	

Name	Variable Description	Format	Source
CLOTHA3	Same as CLOTHA1, but contains the third item mentioned	CHAR(3)	CAPI Section 9
CLOTHA3_		CHAR(1)	
CLOTHA4	Same as CLOTHA1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 9
CLOTHA4_		CHAR(1)	
CLOTHA5	Same as CLOTHA1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 9
CLOTHA5_		CHAR(1)	
CLOTHA6	Same as CLOTHA1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 9
CLOTHA6_		CHAR(1)	
CLOTHA7	Same as CLOTHA1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 9
CLOTHA7_		CHAR(1)	
CLOTHA8	Same as CLOTHA1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 9
CLOTHA8_		CHAR(1)	
CLOTHA9	Same as CLOTHA1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 9
CLOTHA9_		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)

12. CLB file

a. Variable additions

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

Name	Variable Description	Format	Source
CLOTHB1	If CLOTHYB = 900, then CLOTHB1 will contain the first code mentioned of the multiple items indicated in CLOTHYB	CHAR(3)	CAPI Section 9
CLOTHB1_		CHAR(1)	
CLOTHB2	Same as CLOTHB1, but contains the second item mentioned	CHAR(3)	CAPI Section 9
CLOTHB2_		CHAR(1)	

Name	Variable Description	Format	Source
CLOTHB3	Same as CLOTHB1, but contains the third item mentioned	CHAR(3)	CAPI Section 9
CLOTHB3_		CHAR(1)	
CLOTHB4	Same as CLOTHB1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 9
CLOTHB4_		CHAR(1)	
CLOTHB5	Same as CLOTHB1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 9
CLOTHB5_		CHAR(1)	
CLOTHB6	Same as CLOTHB1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 9
CLOTHB6_		CHAR(1)	
CLOTHB7	Same as CLOTHB1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 9
CLOTHB7_		CHAR(1)	
CLOTHB8	Same as CLOTHB1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 9
CLOTHB8_		CHAR(1)	
CLOTHB9	Same as CLOTHB1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 9
CLOTHB9_		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)

13. CLC file

a. Variable additions

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

Name	Variable Description	Format	Source
SEWING1	If SEWINGY = 440, then SEWING1 will contain the first code mentioned of the multiple items indicated in SEWINGY	CHAR(3)	CAPI Section 9
SEWING1_		CHAR(1)	
SEWING2	Same as SEWING1, but contains the second item mentioned	CHAR(3)	CAPI Section 9
SEWING2_		CHAR(1)	
SEWING3	Same as SEWING1, but contains the third item mentioned	CHAR(3)	CAPI Section 9

Name	Variable Description	Format	Source
SEWING3_		CHAR(1)	
SEWING4	Same as SEWING1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 9
SEWING4_		CHAR(1)	
SEWING5	Same as SEWING1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 9
SEWING5_		CHAR(1)	
SEWING6	Same as SEWING1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 9
SEWING6_		CHAR(1)	
SEWING7	Same as SEWING1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 9
SEWING7_		CHAR(1)	
SEWING8	Same as SEWING1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 9
SEWING8_		CHAR(1)	
SEWING9	Same as SEWING1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 9
SEWING9_		CHAR(1)	

14. CLD file

a. Variable additions

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

Name	Variable Description	Format	Source
CLOTHD1	If CLOTHYD = 500, then CLOTHD1 will contain the first code mentioned of the multiple items indicated in CLOTHYD	CHAR(3)	CAPI Section 9
CLOTHD1_		CHAR(1)	
CLOTHD2	Same as CLOTHD1, but contains the second item mentioned	CHAR(3)	CAPI Section 9
CLOTHD2_		CHAR(1)	
CLOTHD3	Same as CLOTHD1, but contains the third item mentioned	CHAR(3)	CAPI Section 9
CLOTHD3_		CHAR(1)	
CLOTHD4	Same as CLOTHD1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 9
CLOTHD4_		CHAR(1)	
CLOTHD5	Same as CLOTHD1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 9
CLOTHD5_		CHAR(1)	
CLOTHD6	Same as CLOTHD1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 9
CLOTHD6_		CHAR(1)	
CLOTHD7	Same as CLOTHD1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 9
CLOTHD7_		CHAR(1)	

Name	Variable Description	Format	Source
CLOTHD8	Same as CLOTHD1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 9
CLOTHD8_		CHAR(1)	
CLOTHD9	Same as CLOTHD1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 9
CLOTHD9_		CHAR(1)	

15. 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	Format
MODEL	What is the make and model of the vehicle? Census derived	CHAR(4)
MODEL_		CHAR(1)

b. Variable additions

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

Name	Variable Description	Format	Source
MKMDL	Vehicle make and model	CHAR(5)	CAPI Section 10
MKMDL_		CHAR(1)	
LSDENDYR	In what year was the lease terminated?	CHAR(4)	CAPI Section 10
LSDE_DYR		CHAR(1)	

16. 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	Format
MKMDLY	What is the make and model of the vehicle? Census derived	CHAR(4)
MKMDLY_		CHAR(1)

b. Variable additions

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

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

17. VEQ file

a. Variable additions

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

Name	Variable Description	Format	Source
VPSRVY1	If VOPSERVY = 500, then VPSRVY1 will contain the first code mentioned of the multiple items indicated in VOPSERVY	CHAR(3)	CAPI Section 12
VPSRVY1_		CHAR(1)	
VPSRVY2	Same as VPSRVY1, but contains the second item mentioned	CHAR(3)	CAPI Section 12
VPSRVY2_		CHAR(1)	
VPSRVY3	Same as VPSRVY1, but contains the third item mentioned	CHAR(3)	CAPI Section 12
VPSRVY3_		CHAR(1)	
VPSRVY4	Same as VPSRVY1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 12
VPSRVY4_		CHAR(1)	
VPSRVY5	Same as VPSRVY1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 12
VPSRVY5_		CHAR(1)	
VPSRVY6	Same as VPSRVY1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 12
VPSRVY6_		CHAR(1)	
VPSRVY7	Same as VPSRVY1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 12
VPSRVY7_		CHAR(1)	
VPSRVY8	Same as VPSRVY1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 12
VPSRVY8_		CHAR(1)	

Name	Variable Description	Format	Source
VPSRVY9	Same as VPSRVY1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 12
VPSRVY9_		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)

18. VLR file

a. Variable additions

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

Name	Variable Description	Format	Source
VOPRGY1	If VOPREGY = 430, then VOPRGY1 will contain the first code mentioned of the multiple items indicated in VOPREGY	CHAR(3)	CAPI Section 12
VOPRGY1_		CHAR(1)	
VOPRGY2	Same as VOPRGY1, but contains the second item mentioned	CHAR(3)	CAPI Section 12
VOPRGY2_		CHAR(1)	
VOPRGY3	Same as VOPRGY1, but contains the third item mentioned	CHAR(3)	CAPI Section 12
VOPRGY3_		CHAR(1)	
VOPRGY4	Same as VOPRGY1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 12
VOPRGY4_		CHAR(1)	
VOPRGY5	Same as VOPRGY1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 12
VOPRGY5_		CHAR(1)	
VOPRGY6	Same as VOPRGY1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 12
VOPRGY6_		CHAR(1)	
VOPRGY7	Same as VOPRGY1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 12
VOPRGY7_		CHAR(1)	
VOPRGY8	Same as VOPRGY1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 12
VOPRGY8_		CHAR(1)	
VOPRGY9	Same as VOPRGY1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 12
VOPRGY9_		CHAR(1)	

19. 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

20. MDB file

a. Variable additions

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

Name	Variable Description	Format	Source
MEDPCY1	If MEDPCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDPCARY	CHAR(3)	CAPI Section 15
MEDPCY1_		CHAR(1)	
MEDPCY2	Same as MEDPCY1, but contains the second item mentioned	CHAR(3)	CAPI Section 15
MEDPCY2_		CHAR(1)	
MEDPCY3	Same as MEDPCY1, but contains the third item mentioned	CHAR(3)	CAPI Section 15
MEDPCY3_		CHAR(1)	
MEDPCY4	Same as MEDPCY1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 15
MEDPCY4_		CHAR(1)	
MEDPCY5	Same as MEDPCY1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 15
MEDPCY5_		CHAR(1)	
MEDPCY6	Same as MEDPCY1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 15
MEDPCY6_		CHAR(1)	
MEDPCY7	Same as MEDPCY1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 15
MEDPCY7_		CHAR(1)	
MEDPCY8	Same as MEDPCY1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 15
MEDPCY8_		CHAR(1)	
MEDPCY9	Same as MEDPCY1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 15
MEDPCY9_		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)

21. MDC file

a. Variable additions

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

Name	Variable Description	Format	Source
MEDRCY1	If MEDPCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDPCARY	CHAR(3)	CAPI Section 15
MEDRCY1_		CHAR(1)	
MEDRCY2	Same as MEDPCY1, but contains the second item mentioned	CHAR(3)	CAPI Section 15
MEDRCY2_		CHAR(1)	
MEDRCY3	Same as MEDPCY1, but contains the third item mentioned	CHAR(3)	CAPI Section 15
MEDRCY3_		CHAR(1)	
MEDRCY4	Same as MEDPCY1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 15
MEDRCY4_		CHAR(1)	
MEDRCY5	Same as MEDPCY1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 15
MEDRCY5_		CHAR(1)	
MEDRCY6	Same as MEDPCY1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 15
MEDRCY6_		CHAR(1)	
MEDRCY7	Same as MEDPCY1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 15
MEDRCY7_		CHAR(1)	
MEDRCY8	Same as MEDPCY1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 15
MEDRCY8_		CHAR(1)	
MEDRCY9	Same as MEDPCY1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 15
MEDRCY9_		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)

22. EDA file

a. Variable additions

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

Name	Variable Description	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	CHAR(3)	CAPI Section 16
EDUC_A1_		CHAR(1)	
EDUC_A2	Same as EDUC_A1, but contains the second item mentioned	CHAR(3)	CAPI Section 16
EDUC_A2_		CHAR(1)	
EDUC_A3	Same as EDUC_A1, but contains the third item mentioned	CHAR(3)	CAPI Section 16
EDUC_A3_		CHAR(1)	
EDUC_A4	Same as EDUC_A1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 16
EDUC_A4_		CHAR(1)	
EDUC_A5	Same as EDUC_A1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 16
EDUC_A5_		CHAR(1)	
EDUC_A6	Same as EDUC_A1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 16
EDUC_A6_		CHAR(1)	
EDUC_A7	Same as EDUC_A1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 16
EDUC_A7_		CHAR(1)	
EDUC_A8	Same as EDUC_A1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 16
EDUC_A8_		CHAR(1)	
EDUC_A9	Same as EDUC_A1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 16
EDUC_A9_		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)

23. 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	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	CHAR(1)
TYPE_RIP		CHAR(1)

24. MIS file

a. Variable additions

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

Name	Variable Description	Format	Source
MISCDE1	If MISCCODE = 265 or 345, then MISCDE1 will contain the first code mentioned of the multiple items indicated in MISCCODE	CHAR(3)	CAPI Section 19
MISCDE1_		CHAR(1)	
MISCDE2	Same as MISCDE1, but contains the second item mentioned	CHAR(3)	CAPI Section 19
MISCDE2_		CHAR(1)	
MISCDE3	Same as MISCDE1, but contains the third item mentioned	CHAR(3)	CAPI Section 19
MISCDE3_		CHAR(1)	
MISCDE4	Same as MISCDE1, but contains the fourth item mentioned	CHAR(3)	CAPI Section 19
MISCDE4_		CHAR(1)	
MISCDE5	Same as MISCDE1, but contains the fifth item mentioned	CHAR(3)	CAPI Section 19
MISCDE5_		CHAR(1)	
MISCDE6	Same as MISCDE1, but contains the sixth item mentioned	CHAR(3)	CAPI Section 19

Name	Variable Description	Format	Source
MISCDE6_		CHAR(1)	
MISCDE7	Same as MISCDE1, but contains the seventh item mentioned	CHAR(3)	CAPI Section 19
MISCDE7_		CHAR(1)	
MISCDE8	Same as MISCDE1, but contains the eighth item mentioned	CHAR(3)	CAPI Section 19
MISCDE8_		CHAR(1)	
MISCDE9	Same as MISCDE1, but contains the ninth item mentioned	CHAR(3)	CAPI Section 19
MISCDE9_		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>

25. 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> <p>100 Credit cards</p> <p>200 Stores credit</p> <p>300 Banks</p> <p>400 Credit Unions</p> <p>500 Finance companies</p> <p>600 Insurance Companies</p> <p>700 Doctors/dentists/hospital care/ other medical partitions (Do not include insurance premium payments)</p> <p>800 Other credit source(s)</p> <p>New item code/description:</p> <p>110 Gas credit cards, such as AMOCO or EXXON</p> <p>120 Store credit cards, such as</p>

Variable name	New codes/definitions/descriptions
	<p>those issued by department, specialty, electronics or sporting good stores</p> <p>130 Major credit cards, such as VISA, Master Card, American Express, or revolving credit accounts</p> <p>200 Store installment credit accounts</p> <p>510 Financial institutions, such as banks, brokerages, savings and loans, credit unions, or insurance companies (Do not include insurance premium payments)</p> <p>700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance</p> <p>800 Other credit, such as school loans, personal loans, or loans from retirement plans</p>

26. FNA file

a. Variable content changes

Beginning in 2003Q2, the following changes become applicable

Variable name	New codes/definitions/descriptions
CREDITR5	<p>Deleted item code/description:</p> <p>100 Credit cards</p> <p>200 Stores credit</p> <p>300 Banks</p> <p>400 Credit Unions</p> <p>500 Finance companies</p> <p>600 Insurance Companies</p> <p>700 Doctors/dentists/hospital care/ other medical partitions (Do not include insurance premium payments)</p> <p>800 Other credit source(s)</p> <p>New item code/description:</p> <p>110 Gas credit cards, such as AMOCO or EXXON</p> <p>120 Store credit cards, such as those issued by department, specialty, electronics or sporting good stores</p> <p>130 Major credit cards, such as VISA, Master Card, American Express, or revolving credit</p>

Variable name	New codes/definitions/descriptions
	<p>accounts</p> <p>200 Store installment credit accounts</p> <p>510 Financial institutions, such as banks, brokerages, savings and loans, credit unions, or insurance companies (Do not include insurance premium payments)</p> <p>700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance</p> <p>800 Other credit, such as school loans, personal loans, or loans from retirement plans</p>

27. FNB file

a. Variable deletions

Beginning in 2003Q2, the following variables will no longer be recorded.

Name	Variable Description	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, such as Sears, Amoco, Visa, MasterCard, etc.? (Exclude yearly fees) S21B.S a	NUM(6)
CRDC_RDX		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	NUM(6)
BANKX_		CHAR(1)
CDUNIONX	During the past 12 months, how much was paid for finance, interest and late charges to credit unions? S21B.S d	NUM(6)
CDUN_ONX		CHAR(1)
FININT	During the past 12 months, how much was paid for finance, interest and late charges to finance companies? S21B.S e	NUM(6)
FININT_		CHAR(1)
INSUREX	During the past 12 months, how much was paid for finance, interest and late charges to insurance companies? S21B.S f	NUM(6)
INSUREX_		CHAR(1)

b. Variable additions

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

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

III. FILE INFORMATION

The microdata are provided as ASCII Comma-delimited, SAS, SPSS, and Stata data sets. The 2003 Interview release contains four groups of Interview data files (FMLI, MEMI, MTBI, and ITBI), 49 EXPN files, and processing files. The FMLI, MEMI, MTBI, and ITBI 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 FMLI files contain CU characteristics, income, and summary level expenditures; the MEMI files contain member characteristics and income data; the MTBI files contain expenditures organized on a monthly basis at the UCC level; and the ITBI files contain income data converted to a monthly time frame and assigned to UCCs. Each of the 49 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 in the Survey Forms folder within the downloadable documentation. The CAPI questionnaire will be available on the Consumer Expenditure Survey webpage: <http://www.bls.gov/cex/csxsurveyforms.htm>. A list of the 49 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 is as follows:

X:\INTRVW03\FMLI031x.* (Interview FMLI file for first quarter, 2003)
X:\INTRVW03\MEMI031x.* (Interview MEMI file for first quarter, 2003)
X:\INTRVW03\MTBI031x.* (Interview MTBI file for first quarter, 2003)
X:\INTRVW03\ITBI031x.* (Interview ITBI file for first quarter, 2003)
X:\INTRVW03\FMLI032.* (etc.)
X:\INTRVW03\MEMI032.*
X:\INTRVW03\MTBI032.*
X:\INTRVW03\ITBI032.*
X:\INTRVW03\FMLI033.*
X:\INTRVW03\MEMI033.*
X:\INTRVW03\MTBI033.*
X:\INTRVW03\ITBI033.*
X:\INTRVW03\FMLI034.*
X:\INTRVW03\MEMI034.*
X:\INTRVW03\MTBI034.*
X:\INTRVW03\ITBI034.*
X:\INTRVW03\FMLI041.*
X:\INTRVW03\MEMI041.*
X:\INTRVW03\MTBI041.*
X:\INTRVW03\ITBI041.*
X:\EXPN03\APL03.*
X:\EXPN03\RNT03.*
X:\EXPN03\OPB03.*
X:\EXPN03\OPD03.*

X:\EXPN03\MOR03.*
X:\EXPN03\HEL03.*
X:\EXPN03\OPH03.*
X:\EXPN03\OPI03.*
X:\EXPN03\UTA03.*
X:\EXPN03\UTP03.*
X:\EXPN03\UTB03.*
X:\EXPN03\UTC03.*
X:\EXPN03\CRA03.*
X:\EXPN03\CRB03.*
X:\EXPN03\APA03.*
X:\EXPN03\APB03.*
X:\EXPN03\EQB03.*
X:\EXPN03\FRA03.*
X:\EXPN03\FRB03.*
X:\EXPN03\CLA03.*
X:\EXPN03\CLB03.*
X:\EXPN03\CLC03.*
X:\EXPN03\CLD03.*
X:\EXPN03\RTV03.*
X:\EXPN03\LSD03.*
X:\EXPN03\OVB03.*
X:\EXPN03\OVC03.*
X:\EXPN03\VEQ03.*
X:\EXPN03\VLR03.*
X:\EXPN03\VOT03.*
X:\EXPN03\INB03.*
X:\EXPN03\IHB03.*
X:\EXPN03\IHC03.*
X:\EXPN03\MDB03.*
X:\EXPN03\MDC03.*
X:\EXPN03\EDA03.*
X:\EXPN03\SUB03.*
X:\EXPN03\ENT03.*
X:\EXPN03\TRV03.*
X:\EXPN03\TRD03.*
X:\EXPN03\TRE03.*
X:\EXPN03\TRF03.*
X:\EXPN03\MIS03.*
X:\EXPN03\CNT03.*
X:\EXPN03\XPA03.*
X:\EXPN03\XPB03.*
X:\EXPN03\FN203.*
X:\EXPN03\FNA03.*
X:\EXPN03\FNB03.*

B. RECORD COUNTS

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

<u>Data Set</u>	<u>Record Counts</u>
FMLI031X.*	8086
FMLI032.*	8196
FMLI033.*	8072
FMLI034.*	8044
FMLI041.*	7976
MEMI031X.*	20462
MEMI032.*	20777
MEMI033.*	20364
MEMI034.*	20314
MEMI041.*	20098
MTBI031X.*	735461
MTBI032.*	677105
MTBI033.*	666895
MTBI034.*	666500
MTBI041.*	689817
ITBI031X.*	406296
ITBI032.*	441582
ITBI033.*	435531
ITBI034.*	435594
ITBI041.*	433131
APL03.*	363176
RNT03.*	13927
OPB03.*	31179
OPD03.*	202
MOR03.*	18882
HEL03.*	1464
OPH03.*	2362
OPI03.*	43669
UTA03.*	182645
UTP03.*	5650
UTB03.*	879
UTC03.*	463130
CRA03.*	1114
CRB03.*	14634
APA03.*	3860
APB03.*	36893
EQB03.*	4885

<u>Data Set</u>	<u>Record Counts</u>
FRA03.*	41829
FRB03.*	174
CLA03.*	197960
CLB03.*	26074
CLC03.*	4073
CLD03.*	3352
RTV03.*	1126
LSD03.*	2057
OVB03.*	76537
OVC03.*	2998
VEQ03.*	50053
VLR03.*	14365
VOT03.*	40374
INB03.*	115843
IHB03.*	44378
IHC03.*	13786
MDB03.*	96111
MDC03.*	1482
EDA03.*	31186
SUB03.*	27738
ENT03.*	26602
TRV03.*	18651
TRD03.*	6850
TRE03.*	3471
TRF03.*	307
MIS03.*	68686
CNT03.*	40792
XPA03.*	40373
XPB03.*	40373
FN203.*	31047
FNA03.*	8864
FNB03.*	10186

C. DATA FLAGS

Data fields on the FMLI, MEMI, 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 (FMLI) 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 (EXPN)

Expenditures on the EXPN 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 EXPN 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 (FMLI)

The FMLI 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

VARIABLE	ITEM DESCRIPTION	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 2 nd , 3 rd and 5 th interview but no 4 th interview. BLS derived	NUM(8)
HH_CU_Q	Count of CUs in household BLS derived	NUM(2)
HH_CU_Q_		CHAR(1)
HHID	Identifier of household with more than one CU. Household with only one CU will be set to missing. BLS derived	NUM(3)
HHID_		CHAR(1)
QINTRVMO	Interview month Control Card 37	CHAR(2)
QINTRVYR	Interview year Control Card 37	CHAR(4)
CUID	Consumer unit identifying variable, constructed using the first seven digits of NEWID BLS derived	NUM(7)
INTERI	Interview number; it is the last digit of NEWID BLS derived	NUM(1)

b. CU CHARACTERISTICS

VARIABLE	ITEM DESCRIPTION	FORMAT
REGION	Region CODED 1 Northeast 2 Midwest 3 South 4 West BLS derived	CHAR(1)
BLS_URBN	Urban/Rural CODED 1 Urban 2 Rural BLS derived	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	CHAR(1)
SMSASTAT	Does CU reside inside a Metropolitan Statistical Area (MSA)? CODED 1 Yes 2 No BLS derived	CHAR(1)
STATE	State identifier (see Section IV.A. and Section X.D. for important information)	CHAR(2)
	01 Alabama *28 Mississippi 02 Alaska **29 Missouri RR04 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 R11 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 strata¹ 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 stratum¹ 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 strata¹.
- 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 stratum¹.

1 A STATE stratum is a unique POPSIZE and BLS_URBN combination.

States not listed are not in the CE sample.

Census derived

STATE_ CHAR(1)

CUTENURE Housing tenure CHAR(1)
CODED

- 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 CHAR(1)

FAM_SIZE Number of Members in CU NUM(2)

BLS derived

FAM__IZE		CHAR(1)
AS_COMP1	Number of males age 16 and over in CU BLS derived	NUM(2)
AS_C_MP1		CHAR(1)
AS_COMP2	Number of females age 16 and over in CU BLS derived	NUM(2)
AS_C_MP2		CHAR(1)
AS_COMP3	Number of males age 2 through 15 in CU BLS derived	NUM(2)
AS_C_MP3		CHAR(1)
AS_COMP4	Number of females age 2 through 15 in CU BLS derived	NUM(2)
AS_C_MP4		CHAR(1)
AS_COMP5	Number of Members under age 2 in CU BLS derived	NUM(2)
AS_C_MP5		CHAR(1)
PERSLT18	Number of children less than 18 in CU BLS derived	NUM(2)
PERS_T18		CHAR(1)
PERSOT64	Number of persons over 64 in CU BLS derived	NUM(2)
PERS_T64		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	CHAR(1)
CHIL_AGE		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	CHAR(1)
FAM__YPE		CHAR(1)
NO_EARNR	Number of earners BLS derived	NUM(2)
NO_E_RNR		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	CHAR(1)
EARN_OMP		CHAR(1)
PRINEARN	Member number (MEMINO in the MEMI files) of the principal earner. BLS derived	CHAR(2)
PRIN_ARN		CHAR(1)
VEHQ	Number of owned vehicles BLS derived	NUM(2)
VEHQ_		CHAR(1)
NUM_AUTO	Number of owned automobiles BLS derived	NUM(2)
NUM__UTO		CHAR(1)
VEHQL	Total number of leased autos, trucks and vans BLS derived	NUM(2)
VEHQL_		CHAR(1)
NUM_TVAN	Total number of owned trucks and vans BLS derived	NUM(2)
NUM__VAN		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	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	CHAR(1)
INCL_SS2		CHAR(1)
RESPSTAT	Completeness of income response CODED 1 Complete income respondent 2 Incomplete income respondent BLS derived	CHAR(1)
RESP_TAT		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	NUM(9.7)
INC__ANK		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.	NUM(9.7)
	BLS derived	
INC__NKU		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.	NUM (11.4)
	*L BLS derived	
ERAN_MTH		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.	NUM (8.7)
	BLS derived	
ERANKH_		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.	NUM (8.7)
	BLS derived	
ERANKUH_		CHAR(1)
POV_CY	Is CU income below current year's poverty threshold? (Income is defined as FINCBTAX-JFDSTMPA.)	CHAR(1)
	CODED 1 Yes 2 No BLS derived	
POV_CY_		CHAR(1)
POV_PY	Is CU income below previous year's poverty threshold? (Income is defined as FINCBTAX-JFDSTMPA.)	CHAR(1)
	CODED 1 Yes 2 No BLS derived	

POV_PY_		CHAR(1)
POVLEVCY	Poverty threshold for this CU in the Current year.	NUM(8)
POVL_VCY		CHAR(1)
POVLEVPY	Poverty threshold for this CU in the previous year.	NUM(8)
POVL_VPY		CHAR(1)
*CUINCOME	Total CU Income	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 D(Y032)	
	CAPI Section 24 (S24 1)	
CUIN_OME		CHAR(1)
RECORDS	In answering questions about expenses, did the respondent consult bills, receipts, check stubs, expense books, tax returns, or other records?	CHAR(1)
	CODED	
	1 Always	
	2 Almost always	
	3 Mostly	
	4 Occasionally	
	5 Almost never	
	6 Never	
	CAPI Section 1 (S01A 8c)	
RECORDS_		CHAR(1)
TYPEREC1	If any bills, receipts, or records were used, which ones did the respondent(s) use to give cost information?	CHAR(1)
	CODED	
	1 Bills	
	CAPI Section 1 (01A 8d)	
TYPE_EC1		CHAR(1)

TYPEREC2	See TYPEREC1 for question and source. CODED 2 Checkbook ledger or stubs	CHAR(1)
TYPE_EC2		CHAR(1)
TYPEREC3	See TYPEREC1 for question and source. CODED 3 Canceled checks	CHAR(1)
TYPE_EC3		CHAR(1)
TYPEREC4	See TYPEREC1 for question and source. CODED 4 Receipts of purchase (sales slip)	CHAR(1)
TYPE_EC4		CHAR(1)
TYPEREC5	See TYPEREC1 for question and source. CODED 5 Home file (provided by Census Bureau)	CHAR(1)
TYPE_EC5		CHAR(1)
TYPEREC6	See TYPEREC1 for question and source. CODED 6 Contracts or agreements	CHAR(1)
TYPE_EC6		CHAR(1)
TYPEREC7	See TYPEREC1 for question and source. CODED 7 Bank statements	CHAR(1)
TYPE_EC7		CHAR(1)
TYPEREC8	See TYPEREC1 for question and source. CODED 8 Other	CHAR(1)
TYPE_EC8		CHAR(1)

c. CHARACTERISTICS OF REFERENCE PERSON AND SPOUSE

VARIABLE	ITEM DESCRIPTION	FORMAT
AGE_REF	Age of reference person	NUM(2)
	BLS derived	
AGE_REF_		CHAR(1)

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

* ORIGIN1	Origin or ancestry of reference person CODED	CHAR(1)
	<ul style="list-style-type: none"> 1 European: <ul style="list-style-type: none"> German Italian Irish French Polish Russian English Scottish Dutch Swedish Hungarian 2 Spanish: <ul style="list-style-type: none"> 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 	
	BLS derived D(Y032)	
*ORIGIN1_	D(Y032)	CHAR(1)
EDUC_REF	Education of reference person CODED	CHAR(2)
	<ul style="list-style-type: none"> 00 Never attended school 10 First through eighth grade 11 Ninth through twelfth grade (no H.S. diploma) 12 High school graduate 13 Some college, less than college graduate 14 Associate's degree (occupational/vocational or academic) 15 Bachelor's degree 16 Master's degree 17 Professional/Doctorate degree 	
	BLS derived	
EDUC0REF		CHAR(1)
AGE2	Age of spouse	NUM(2)
	BLS derived	
AGE2_		CHAR(1)

*RACE2	Race of spouse CODED – same as REF_RACE BLS derived	CHAR(1)
RACE2_		CHAR(1)
SEX2	Sex of spouse CODED – same as SEX_REF BLS derived	CHAR(1)
SEX2_		CHAR(1)
*ORIGIN2	Origin or ancestry of spouse CODED – same as ORIGIN1 BLS derived D(Y032)	CHAR(1)
*ORIGIN2_	D(Y032)	CHAR(1)
EDUCA2	Education of spouse CODED – same as EDUC_REF BLS derived	CHAR(2)
EDUCA2_		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 N(Y032)	CHAR(1)
*HORREF1_		CHAR(1)
*HORREF2	Hispanic Origin of the spouse CODED - same as HORREF1 N(Y032)	CHAR (1)
*HORREF2_		CHAR(1)

d. **WORK EXPERIENCE OF REFERENCE PERSON AND SPOUSE**

VARIABLE	ITEM DESCRIPTION	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	NUM(2)
INCW_EK1		CHAR(1)
INC_HRS1	Number of hours usually worked per week by reference person BLS derived	NUM(3)
INC__RS1		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 04 Administrative support, including clerical 05 Sales, retail 06 Sales, business goods and services 07 Technician 08 Protective service 09 Private household service 10 Other service 11 Machine operator, assembler, inspector 12 Transportation operator 13 Handler, helper, laborer 14 Mechanic, repairer, precision production 15 Construction, mining 16 Farming 17 Forestry, fishing, grounds-keeping 18 Armed forces	CHAR(2)
OCCU_OD1	BLS derived	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	CHAR(1)
INCO_EY1		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	CHAR(1)
INCN_NW1		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	NUM(2)
INCW_EK2		CHAR(1)
INC_HRS2	Number of hours usually worked per week by spouse BLS derived	NUM(3)
INC__RS2		CHAR(1)
OCCUCOD2	Job in which spouse received the most earnings during the past 12 months CODED – same as OCCUCOD1 BLS derived	CHAR(2)
OCCU_OD2		CHAR(1)
INCOMEY2	Employer from which spouse received most earnings during the past 12 months CODED – same as INCOMEY1 BLS derived	CHAR(1)

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

e. **INCOME**

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	NUM(9)
	*L	
	BLS derived	
FINCBT_X		CHAR(1)
FINCATAX	Amount of CU income after taxes in past 12 months (FINCBTAX – TOTTXPDX)	NUM(9)
	*L	
	BLS derived	
FINCAT_X		CHAR(1)
EARNINCX	Amount of earned income before taxes by CU in past 12 months (FSALARYX + FNONFRMX + FFRMINCX)	NUM(9)
	*L	
	BLS derived	
EARN_NCX		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).	NUM(9)
	*L	
	BLS derived	
NO_E_RNX		CHAR(1)
FSALARYX	Amount of wage and salary income before deductions received by all CU Members in past 12 months (sum SALARYX + SALARYBX from MEMI file for all CU Members)	NUM(8)
	BLS derived	
FSAL_RYX		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 MEMI file for all CU Members)	NUM(9)
	*L	
	BLS derived	
FNON_RMX		CHAR(1)
FFRMINCX	Amount of income or loss from own farm received by all CU Members in past 12 months (sum FARMINCX + FRMINCBX from MEMI file for all CU Members)	NUM(9)
	*L	
	BLS derived	
FFRM_NCX		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 MEMI file for all CU Members)	NUM(8)
	BLS derived	
FRRE_IRX		CHAR(1)
FSSIX	Amount of Supplemental Security Income from all sources received by all CU Members in past 12 months (sum SSIX + SSIBX from MEMI file for all Members)	NUM(8)
	BLS derived	

FSSIX_		CHAR(1)
UNEMPLX	During the past 12 months, what was the total amount of income from unemployment compensation received by ALL CU Members?	NUM(8)
	CAPI Section 22 (S 22B 4b)	
UNEMPLX_		CHAR(1)
UNEMPLB	Bracketed variable for UNEMPLX	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_		CHAR(1)
UNEMPLBX	Median of bracket range of UNEMPLB	NUM(6)
	BLS derived	
UNEM_LBX		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?	NUM(8)
	CAPI Section 22 (S 22B 5b)	
COMP_NSX		CHAR(1)

COMPENSB	Bracketed variable for COMPENSX	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		CHAR(1)
COMPNSBX	Median of bracket range of COMPENSB	NUM(6)
	BLS derived	
COMP_SBX		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?	NUM(8)
	CAPI Section 22 (S 22B 6b)	
WELF_REX		CHAR(1)
WELFAREB	Bracketed variable for WELFAREX	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		CHAR(1)

WELFREBX	Median of bracket range of WELFAREB BLS derived	NUM(6)
WELF_EBX		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)	NUM(8)
INTE_RNX		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)	CHAR(2)
INTE_RNB		CHAR(1)
INTERNBX	Median of bracket range of INTEARNB BLS derived	NUM(6)
INTE_NBX		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)	NUM(8)
FININCX_		CHAR(1)

FININCB	Bracketed variable for FININCX	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_		CHAR(1)
FININCBX	Median of bracket range of FININCB	NUM(6)
	BLS derived	
FINI_CBX		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?	NUM(8)
	CAPI Section 22 (S 22B 3b)	
PENS_ONX		CHAR(1)
PENSIONB	Bracketed variable for PENSIONX	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		CHAR(1)

PNSIONBX	Median of bracket range of PENSIONB BLS derived	NUM(6)
PNSI_NBX		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)	NUM(8)
INCL_SSA		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)	CHAR(2)
INCL_SAB		CHAR(1)
INCLSABX	Median of bracket range of INCLOSAB *L BLS derived	NUM(6)
INCL_ABX		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)	NUM(8)
INCL_SSB		CHAR(1)

INCLOSBB Bracketed variable for INCLOSSB 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 CHAR(1)

INCLSBBX Median of bracket range of INCLOSBB NUM(6)
*L
BLS derived

INCL_BBX CHAR(1)

CHDOTHX During the past 12 months, what was the total amount of income NUM(8)
from child support payments in other than a lump sum
amount received by ALL CU Members?

CAPI Section 22 (S 22B 9d)

CHDOTHX_ CHAR(1)

CHDOTHB Bracketed variable for CHDOTHX 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_ CHAR(1)

CHDOTHBX	Median of bracket range of CHDOTHB BLS derived	NUM(6)
CHDO_HBX		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)	NUM(8)
ALIOTHX_		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)	CHAR(2)
ALIOTHB_		CHAR(1)
ALIOTHBX	Median of bracket range of ALIOTHB BLS derived	NUM(6)
ALIO_HBX		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)	NUM(8)
OTHR_NCX		CHAR(1)

OTHRINCB	Bracketed variable for OTHRINCX	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		CHAR(1)
OTRINCBX	Median of bracket range of OTHRINCB	NUM(6)
	BLS derived	
OTRI_CBX		CHAR(1)
*FOODSMPQ	Number of months, during the last 12 months, food stamps received	NUM(2)
	S 22B 7b	
	D(Y032)	
*FOOD_MPQ	D(Y032)	CHAR(1)
FOODSMPX	Value of all food stamps and electronic benefits received	NUM(6)
	CAPI Section 22 (S 22B 7c)	
FOOD_MPX		CHAR(1)

FOODSMPB Bracketed variable for FOODSMPX 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 CHAR(1)

FOODSPBX Median of bracket range of FOODSMPB NUM(6)

BLS derived

FOOD_PBX CHAR(1)

f. **OTHER MONEY RECEIPTS**

VARIABLE	ITEM DESCRIPTION	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)	NUM(8)
	BLS derived	
NONI_CMX		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?	NUM(8)
	CAPI Section 22 (S 22B 10b)	
LUMP_UMX		CHAR(1)

LUMPSUMB Bracketed variable for LUMPSUMX 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 CHAR(1)

LMPSUMBX Median of bracket range of LUMPSUMB NUM(6)

BLS derived

LMPS_MBX 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? NUM(8)

CAPI Section 22 (S 22B 9b)

CHDLMPX_ CHAR(1)

CHDLMPB Bracketed variable for CHDLMPX 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_ CHAR(1)

CHDLMPBX	Median of bracket range of CHDLMPB BLS derived	NUM(6)
CHDL_PBX		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)	NUM(8)
SALE_NCX		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)	CHAR(2)
SALE_NCB		CHAR(1)
SALINCBX	Median of bracket range of SALEINCB BLS derived	NUM(6)
SALI_CBX		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)	NUM(8)
SSOV_RPX		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)	NUM(8)
INSR_NDX		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)	NUM(8)
PTAX_FDX		CHAR(1)

g. TAXES

VARIABLE	ITEM DESCRIPTION	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	NUM(9)
TOTT_PDX		CHAR(1)
FAMTFEDX	Amount of Federal income tax deducted from last pay annualized for all CU Members (sum ANFEDTX from MEMI file for all CU Members) BLS derived	NUM(8)
FAMT_EDX		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)	NUM(8)
FEDTAXX_		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)	NUM(8)
FEDR_NDX		CHAR(1)
FSLTAXX	Amount of state and local income taxes deducted from last pay annualized for all CU Members (sum ANSLTX from MEMI file for all CU Members) BLS derived	NUM(8)
FSLTAXX_		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)	NUM(8)
SLOC_AXX		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)	NUM(8)
SLRF_NDX		CHAR(1)
TAXPROPX	During the past 12 months, what was the total amount PAID for personal property taxes for vehicles by ALL CU Members? CAPI Section 22 (S 22B 14c)	NUM(8)
TAXP_OPX		CHAR(1)
MISCTAXX	During the past 12 months, what was the total amount PAID for personal property taxes and other taxes not reported elsewhere by ALL CU Members? CAPI Section 22 (S 22B 14d)	NUM(8)
MISC_AXX		CHAR(1)
OTHRFNDX	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)	NUM(8)
OTHR_NDX		CHAR(1)

h. RETIREMENT AND PENSION DEDUCTIONS

VARIABLE	ITEM DESCRIPTION	FORMAT
FJSSDEDX	Estimated amount of income contributed to Social Security by all CU Members in past 12 months (sum JSSDEDX from MEMI file for all CU Members) BLS derived	NUM(8)
FJSS_EDX		CHAR(1)

FRRDEDX	Amount of Railroad Retirement deducted from last pay annualized for all CU Members (sum ANRRDEDX from MEMI file for all CU Members)	NUM(8)
	BLS derived	
FRRDEDX_		CHAR(1)
FGOVRETX	Amount of government retirement deducted from last pay annualized for all CU Members (sum ANGOVRTX from MEMI file for all CU Members)	NUM(8)
	BLS derived	
FGOV_ETX		CHAR(1)
FPRIPENX	Amount of private pensions deducted from last pay annualized for all CU Members (sum ANPRVPNX from MEMI file for all CU Members)	NUM(8)
	BLS derived	
FPRI_ENX		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 MEMI file for all CU Members)	NUM(8)
	BLS derived	
FIND_ETX		CHAR(1)

j. **FINANCIAL INFORMATION** (only collected in the 5th interview)

VARIABLE	ITEM DESCRIPTION	FORMAT
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?	NUM(10)
	CAPI Section 22 (S22G.S 1a)	
SAVA_CTX		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)	CHAR(1)
COMPSAV_		CHAR(1)
COMPSAVX	How much more (less) in savings accounts? *L CAPI Section 22 (S22G.S 2a)	NUM(8)
COMP_AVX		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)	NUM(10)
CKBK_CTX		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)	CHAR(1)
COMPCKG_		CHAR(1)
COMPCKGX	How much more (less) in checking accounts? *L CAPI Section 22 (S22G.S 2b)	NUM(8)
COMP_KGX		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)	NUM(8)
USBNDX_		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)	CHAR(1)
COMPBND_		CHAR(1)
COMPBNDX	How much more (less) in U.S. Savings bonds? *L CAPI Section 22 (S22G.S 2c)	NUM(8)
COMP_NDX		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)	NUM(10)
SECESTX_		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)	CHAR(1)
COMPSEC_		CHAR(1)
COMPSECX	How much more (less) is the estimated value of such securities? *L CAPI Section 22 (S22G.S 3c)	NUM(8)
COMP_ECX		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)	NUM(8)
PURS_ECX		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)?	NUM(10)
	CAPI Section 22 (S22G.S 5)	
SELL_ECX		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?	NUM(10)
	CAPI Section 22 (S22G.S 6)	
BSIN_STX		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?	NUM(10)
	CAPI Section 22 (S22G.S 7)	
WDBS_STX		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?	NUM(8)
	CAPI Section 22 (S22G.S 8b)	
WDBS_DSX		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>)?	NUM(8)
	CAPI Section 22 (S22G.S 10)	
MONY_WDX		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>)?	CHAR(1)
	CODED	
	1 Same	
	2 More	
	3 Less	
	CAPI Section 22 (S22G.S 9b)	
COMPOWD_		CHAR(1)

COMPOWDX	How much more (less) is owed to your CU by persons outside your CU? *L CAPI Section 22 (S22G.S 9b)	NUM(8)
COMP_WDX		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)	NUM(8)
SETL_NSX		CHAR(1)

k. HOUSING STRUCTURE

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	CHAR(2)
BUIL_ING		CHAR(1)

UNISTRQ How many housing units, both occupied and vacant, are in this structure? 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_ CHAR(1)

LOT_SIZE What is the approximate size of the lot on which this unit is located? 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 CHAR(1)

YRBUILT About when was this building originally built? CHAR(4)

CAPI Section 1 (S 01B 10)

YRBUILT_ CHAR(1)

ST_HOUS Are these living quarters presently used as student housing by a college or university? CHAR(1)

CODED

- 1 Yes
- 2 No

CAPI Section 1 (S01B 2)

ST_HOUS_ 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)	CHAR(1)
PUBL_OUS		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)	CHAR(1)
GOVT_OST		CHAR(1)
DIRACC	Access to living quarters CODED 1 Direct access to living quarters 2 Access through another housing unit Control Card 14b	CHAR(1)
DIRACC_		CHAR(1)
ROOMSQ	How many rooms are there in this unit, including finished living areas and excluding all baths? CAPI Section 1 (S01B 5)	NUM(3)
ROOMSQ_		CHAR(1)
BEDROOMQ	How many bedrooms are there in this unit? CAPI Section 1 (S01B 6)	NUM(3)
BEDR_OMQ		CHAR(1)
BATHRMQ	How many complete bathrooms are there in this unit? CAPI Section 1 (S01B 7a)	NUM(3)
BATHRMQ_		CHAR(1)
HLFBATHQ	How many half bathrooms are there in this unit? CAPI Section 1 (S01B 7b)	NUM(3)
HLFB_THQ		CHAR(1)

HEATFUEL	What fuel is used most for heating this unit?	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		CHAR(1)
WATERHT	What fuel is used for heating water in this unit?	CHAR(2)
	CODED	
	01 Gas (underground pipes)	
	06 Electricity	
	07 Fuel oil	
	08 Other	
	09 No fuel used	
	CAPI Section 1 (S01B 8b)	
WATERHT_		CHAR(1)
COOKING	What fuel is used most for cooking?	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_		CHAR(1)
SWIMPOOL	Does this unit have any of the following?	CHAR(2)
	CODED	
	01 Swimming pool	
	CAPI Section 1 (S01B 9)	
SWIM_OOL		CHAR(1)
PORCH	Does this unit have any of the following?	CHAR(2)
	CODED	
	03 Porch, terrace, patio, or balcony	
	CAPI Section 1 (S01B 9)	
PORCH_		CHAR(1)

APTMENT	See SWIMPOOL for question and source. CODED 04 Apartment or guest house	CHAR(2)
APTMENT_		CHAR(1)
OFSTPARK	See SWIMPOOL for question and source. CODED 02 Off street parking	CHAR(2)
OFST_ARK		CHAR(1)
WINDOWAC	See SWIMPOOL for question and source. CODED 06 Window air conditioning	CHAR(2)
WIND_WAC		CHAR(1)
CNTRALAC	See SWIMPOOL for question and source. CODED 05 Central air conditioning	CHAR(2)
CNTR_LAC		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)	NUM(6)
RENT_QVX		CHAR(1)

I. WEIGHTS

<u>VARIABLE</u>	<u>ITEM DESCRIPTION</u>	<u>FORMAT</u>
FINLWT21	CU replicate weight #45 (total sample)	NUM(11.3)

BLS derived

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	NUM(11.3)
WTREP02	CU replicate weight # 02	NUM(11.3)
WTREP03	CU replicate weight # 03	NUM(11.3)
WTREP04	CU replicate weight # 04	NUM(11.3)
WTREP05	CU replicate weight # 05	NUM(11.3)

WTREP06	CU replicate weight # 06	NUM(11.3)
WTREP07	CU replicate weight # 07	NUM(11.3)
WTREP08	CU replicate weight # 08	NUM(11.3)
WTREP09	CU replicate weight # 09	NUM(11.3)
WTREP10	CU replicate weight # 10	NUM(11.3)
WTREP11	CU replicate weight # 11	NUM(11.3)
WTREP12	CU replicate weight # 12	NUM(11.3)
WTREP13	CU replicate weight # 13	NUM(11.3)
WTREP14	CU replicate weight # 14	NUM(11.3)
WTREP15	CU replicate weight # 15	NUM(11.3)
WTREP16	CU replicate weight # 16	NUM(11.3)
WTREP17	CU replicate weight # 17	NUM(11.3)
WTREP18	CU replicate weight # 18	NUM(11.3)
WTREP19	CU replicate weight # 19	NUM(11.3)
WTREP20	CU replicate weight # 20	NUM(11.3)
WTREP21	CU replicate weight # 21	NUM(11.3)
WTREP22	CU replicate weight # 22	NUM(11.3)
WTREP23	CU replicate weight # 23	NUM(11.3)
WTREP24	CU replicate weight # 24	NUM(11.3)
WTREP25	CU replicate weight # 25	NUM(11.3)
WTREP26	CU replicate weight # 26	NUM(11.3)
WTREP27	CU replicate weight # 27	NUM(11.3)
WTREP28	CU replicate weight # 28	NUM(11.3)
WTREP29	CU replicate weight # 29	NUM(11.3)
WTREP30	CU replicate weight # 30	NUM(11.3)
WTREP31	CU replicate weight # 31	NUM(11.3)
WTREP32	CU replicate weight # 32	NUM(11.3)
WTREP33	CU replicate weight # 33	NUM(11.3)

WTREP34	CU replicate weight # 34	NUM(11.3)
WTREP35	CU replicate weight # 35	NUM(11.3)
WTREP36	CU replicate weight # 36	NUM(11.3)
WTREP37	CU replicate weight # 37	NUM(11.3)
WTREP38	CU replicate weight # 38	NUM(11.3)
WTREP39	CU replicate weight # 39	NUM(11.3)
WTREP40	CU replicate weight # 40	NUM(11.3)
WTREP41	CU replicate weight # 41	NUM(11.3)
WTREP42	CU replicate weight # 42	NUM(11.3)
WTREP43	CU replicate weight # 43	NUM(11.3)
WTREP44	CU replicate weight # 44	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, ^{N031}<UCC> or ^{D031}<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	FORMAT
TOTEXPPQ	Total expenditures last quarter (FOODPQ + ALCBEVPQ + HOUSPQ + APPARPQ + TRANSPQ + HEALTHPQ + ENTERTPQ + PERSCAPQ + READPQ + EDUCAPQ + TOBACCPQ + MISCPQ + CASHCOPQ + PERINSPQ)	NUM(12.4)
TOTEXPCQ	Total expenditures this quarter same composition as above	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)	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	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	NUM(12.4)
FOODCQ	Total food this quarter same composition as above	NUM(12.4)
FDHOMEPQ	Food at home last quarter 190904 790220 790230	NUM(12.4)

FDHOMECQ	Food at home this quarter same UCCs as above	NUM(12.4)
FDAWAYPQ	Food away from home last quarter FDXMAPPQ + FDMAPPQ	NUM(12.4)
FDAWAYCQ	Food away from home this quarter same composition as above	NUM(12.4)
FDXMAPPQ	Food away excluding meals as pay last quarter 190901 190902 190903 790410 790430	NUM(12.4)
FDXMAPCQ	Food away excluding meals as pay this quarter same UCCs as above	NUM(12.4)
FDMAPPQ	Meals as pay last quarter 800700	NUM(12.4)
FDMAPCQ	Meals as pay this quarter same UCC as above	NUM(12.4)
ALCBEVPQ	Alcoholic beverages last quarter 200900 790310 790320 790420	NUM(12.4)
ALCBEVCQ	Alcoholic beverages this quarter same UCCs as above	NUM(12.4)
HOUSPQ	Housing last quarter SHELTPQ + UTILPQ + HOUSOPPQ + HOUSEQPQ	NUM(12.4)
HOUSCQ	Housing this quarter same composition as above	NUM(12.4)
SHELTPQ	Shelter last quarter OWNDWEPQ + RENDWEPQ + OTHLODPQ	NUM(12.4)
SHELTCQ	Shelter this quarter same composition as above	NUM(12.4)
OWNDWEPQ	Owned dwellings last quarter MRTINTPQ + PROPTXPQ + MRPINSPQ	NUM(12.4)
OWNDWECQ	Owned dwellings this quarter same composition as above	NUM(12.4)
MRTINTPQ	Mortgage interest last quarter 220311 220313 220321 880110	NUM(12.4)
MRTINTCQ	Mortgage interest this quarter same UCCs as above	NUM(12.4)
PROPTXPQ	Property taxes last quarter 220211	NUM(12.4)
PROPTXCQ	Property taxes this quarter same UCC as above	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	NUM(12.4)
MRPINSQC	Maintenance, repairs, insurance, and other expenses this quarter same UCCs as above	NUM(12.4)
RENDWEPQ	Rented dwelling last quarter RNTXRPPQ + RNTAPYPQ	NUM(12.4)
RENDWECQ	Rented dwellings this quarter same composition as above	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	NUM(12.4)
RNTXRPCQ	Rent excluding rent as pay this quarter same UCCs as above	NUM(12.4)
RNTAPYPQ	Rent as pay last quarter 800710	NUM(12.4)
RNTAPYCQ	Rent as pay this quarter same UCC as above	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	NUM(12.4)
OTHLODCQ	Other lodging this quarter same UCCs as above	NUM(12.4)
UTILPQ	Utilities, fuels and public services last quarter NTLGASQP + ELCTRCPQ + ALLFULPQ + TELEPHPQ + WATRPSPQ	NUM(12.4)
UTILCQ	Utilities, fuels and public services this quarter same composition as above	NUM(12.4)
NTLGASQP	Natural gas last quarter 260211 260212 260213 260214	NUM(12.4)
NTLGASCQ	Natural gas this quarter same UCCs as above	NUM(12.4)
ELCTRCPQ	Electricity last quarter	NUM(12.4)

	260111 260112 260113 260114	
ELCTRCCQ	Electricity this quarter same UCCs as above	NUM(12.4)
ALLFULPQ	Fuel oil and other fuels last quarter FULOILPQ + OTHFLSPQ	NUM(12.4)
ALLFULCQ	Fuel oil and other fuels this quarter same composition as above	NUM(12.4)
FULOILPQ	Fuel oil last quarter 250111 250112 250113 250114	NUM(12.4)
FULOILCQ	Fuel oil this quarter same UCCs as above	NUM(12.4)
OTHFLSPQ	Other fuels last quarter 250211 250212 250213 250214 250221 250222 250223 250224 250901 250902 250903 250904	NUM(12.4)
OTHFLSCQ	Other fuels this quarter same UCCs as above	NUM(12.4)
TELEPHPQ	Telephone services last quarter 270101 270102 270103 270104	NUM(12.4)
TELEPHCQ	Telephone services this quarter same UCCs as above	NUM(12.4)
WATRPSPQ	Water and other public services last quarter 270211 270212 270213 270214 270411 270412 270413 270414 270901 270902 270903 270904	NUM(12.4)
WATRPSCQ	Water and other public services this quarter same UCCs as above	NUM(12.4)
HOUSOPPQ	Household operations last quarter DOMSRVPQ + OTHHEXPQ	NUM(12.4)
HOUSOPCQ	Household operations this quarter same composition as above	NUM(12.4)
DOMSRVPQ	Domestic services last quarter DMSXCCPQ + BBYDAYPQ	NUM(12.4)
DOMSRVCQ	Domestic services this quarter same composition as above	NUM(12.4)
DMSXCCPQ	Domestic services excluding child care last quarter 340310 340410 340420 340520 340530 340903 340906 340910 340914 340915	NUM(12.4)
DMSXCCCQ	Domestic services excluding child care this quarter same UCCs as above	NUM(12.4)

BBYDAYPQ	Babysitting and child day care last quarter 340211 340212 670310	NUM(12.4)
BBYDAYCQ	Babysitting and child day care this quarter same UCCs as above	NUM(12.4)
OTHHEXPQ	Other household expenses last quarter 330511 340510 340620 340630 340901 340907 340908 690113 690114 990900	NUM(12.4)
OTHHEXCQ	Other household expenses this quarter same UCCs as above	NUM(12.4)
HOUSEQPQ	Housefurnishings and equipment last quarter TEXTILPQ + FURNTRPQ + FLRCVRPQ + MAJAPPPQ + SMLAPPPQ + MISCEQPQ	NUM(12.4)
HOUSEQCQ	Housefurnishings and equipment this quarter same composition as above	NUM(12.4)
TEXTILPQ	Household textiles last quarter 280110 280120 280130 280210 280220 280230 280900	NUM(12.4)
TEXTILCQ	Household textiles this quarter same UCCs as above	NUM(12.4)
FURNTRPQ	Furniture last quarter 290110 290120 290210 290310 290320 290410 290420 290430 290440	NUM(12.4)
FURNTRCQ	Furniture this quarter same UCCs as above	NUM(12.4)
FLRCVRPQ	Floor coverings last quarter 230133 230134 320111 320163	NUM(12.4)
FLRCVRCQ	Floor coverings this quarter same UCCs as above	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	NUM(12.4)
MAJAPPCQ	Major appliances this quarter same UCCs as above	NUM(12.4)
SMLAPPPQ	Small appliances, miscellaneous housewares last quarter 320310 320320 320330 320340 320350 320360 320370 320521 320522	NUM(12.4)

SMLAPPCQ	Small appliances, miscellaneous housewares this quarter same UCCs as above	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	NUM(12.4)
MISCEQCQ	Miscellaneous household equipment this quarter same UCCs as above	NUM(12.4)
APPARPQ	Apparel and services last quarter MENBOYPQ + WOMGRLPQ + CHLDRNPQ + FOOTWRPQ + OTHAPLPQ	NUM(12.4)
APPARCQ	Apparel and services this quarter Same composition as above	NUM(12.4)
MENBOYPQ	Clothing for men and boys last quarter MENSIXPQ + BOYFIFPQ	NUM(12.4)
MENBOYCQ	Clothing for men and boys this quarter same composition as above	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	NUM(12.4)
MENSIXCQ	Clothing for men, 16 and over this quarter same UCCs as above	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	NUM(12.4)
BOYFIFCQ	Clothing for boys, 2 to 15 this quarter same UCCs as above	NUM(12.4)
WOMGRLPQ	Clothing for women and girls last quarter WOMSIXPQ + GRLFIFPQ	NUM(12.4)
WOMGRLCQ	Clothing for women and girls this quarter same composition as above	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	NUM(12.4)
WOMSIXCQ	Clothing for women, 16 and over this quarter same UCCs as above	NUM(12.4)

GRLFIFPQ	Clothing for girls, 2 to 15 last quarter 390110 390120 390210 390221 390222 390230 390310 390321 390322 390901 390902	NUM(12.4)
GRLFIFCQ	Clothing for girls, 2 to 15 this quarter same UCCs as above	NUM(12.4)
CHLDRNPQ	Clothing for children under 2 last quarter 410110 410120 410130 410140 410901	NUM(12.4)
CHLDRNCQ	Clothing for children under 2 this quarter same UCCs as above	NUM(12.4)
FOOTWRPQ	Footwear last quarter 400110 400210 400220 400310	NUM(12.4)
FOOTWRCQ	Footwear this quarter same UCCs as above	NUM(12.4)
OTHAPLPQ	Other apparel products and services last quarter 420110 420120 430110 430120 440110 440120 440130 440140 440150 440210 440900	NUM(12.4)
OTHAPLCQ	Other apparel products and services this quarter same UCCs as above	NUM(12.4)
TRANSPQ	Transportation last quarter CARTKNPQ + CARTKUPQ + OTHVEHPQ + GASMOPQ + VEHFNPQ + MAINRPPQ + VEHINSPQ + VRNTLOPQ + PUBTRAPQ	NUM(12.4)
TRANSCQ	Transportation this quarter same composition as above	NUM(12.4)
CARTKNPQ	Cars and trucks, new (net outlay) last quarter 450110 450210	NUM(12.4)
CARTKNCQ	Cars and trucks, new (net outlay) this quarter same UCCs as above	NUM(12.4)
CARTKUPQ	Cars and trucks, used (net outlay) last quarter 460110 460901	NUM(12.4)
CARTKUCQ	Cars and trucks, used (net outlay) this quarter same UCCs as above	NUM(12.4)
OTHVEHPQ	Other vehicles last quarter 450220 460902	NUM(12.4)
OTHVEHCQ	Other vehicles this quarter same UCCs as above	NUM(12.4)
GASMOPQ	Gasoline and motor oil last quarter 470111 470112 470113 470211 470212	NUM(12.4)
GASMOCQ	Gasoline and motor oil this quarter	NUM(12.4)

	same UCCs as above	
VEHFINPQ	Vehicle finance charges last quarter 510110 510901 510902 850300	NUM(12.4)
VEHFINCQ	Vehicle finance charges this quarter same UCCs as above	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	NUM(12.4)
MAINRPCQ	Maintenance and repairs this quarter same UCCs as above	NUM(12.4)
VEHINSPQ	Vehicle insurance last quarter 500110	NUM(12.4)
VEHINSCQ	Vehicle insurance this quarter same UCC as above	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	NUM(12.4)
VRNTLOCQ	Vehicle rental, leases, licenses, and other charges this quarter same UCCs as above	NUM(12.4)
PUBTRAPQ	Public transportation last quarter TRNTRPPQ + TRNOTHPQ	NUM(12.4)
PUBTRACQ	Public transportation this quarter same composition as above	NUM(12.4)
TRNTRPPQ	Public transportation on trips last quarter 530110 530210 530312 530411 530510 530901	NUM(12.4)
TRNTRPCQ	Public transportation on trips this quarter same UCCs as above	NUM(12.4)
TRNOTHPQ	Local public transportation, excluding on trips last quarter 530311 530412 530902	NUM(12.4)
TRNOTHCQ	Local public transportation, excluding on trips this quarter same UCCs as above	NUM(12.4)
HEALTHPQ	Health care last quarter HLTHINPQ + MEDSRVPQ + PREDRGPQ + MEDSUPPQ	NUM(12.4)
HEALTHCQ	Health care this quarter same composition as above	NUM(12.4)

HLTHINPQ	Health insurance last quarter 580111 580112 580113 580114 580311 580312 580901 580903 580904 580905 580906	NUM(12.4)
HLTHINCQ	Health insurance this quarter same UCCs as above	NUM(12.4)
MEDSRVPQ	Medical services last quarter 560110 560210 560310 560330 560400 570110 570210 570220 570230 570240	NUM(12.4)
MEDSRVCQ	Medical services this quarter same UCCs as above	NUM(12.4)
PREDRGPQ	Prescription drugs last quarter 540000	NUM(12.4)
PREDRGCQ	Prescription drugs this quarter same UCC as above	NUM(12.4)
MEDSUPPQ	Medical supplies last quarter 550110 550320 550330 550340 570901 570903	NUM(12.4)
MEDSUPCQ	Medical supplies this quarter same UCCs as above	NUM(12.4)
ENTERTPQ	Entertainment last quarter FEEADMPQ + TVRDIOPQ + OTHEQPPQ	NUM(12.4)
ENTERTCQ	Entertainment this quarter same composition as above	NUM(12.4)
FEEADMPQ	Fees and admissions last quarter 610900 620111 620121 620122 620211 620212 620221 620222 620310 620903	NUM(12.4)
FEEADMCPQ	Fees and admissions this quarter same UCCs as above	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	NUM(12.4)
TVRDIOCQ	Televisions, radios, and sound equipment this quarter same UCCs as above	NUM(12.4)
OTHEQPPQ	Other equipment and services last quarter PETTOYPQ + OTHENTPQ	NUM(12.4)
OTHEQPCQ	Other equipment and services this quarter same composition as above	NUM(12.4)

PETTOYPQ	Pets, toys, and playground equipment last quarter 610110 610120 610320 620410 620420	NUM(12.4)
PETTOYCQ	Pets, toys, and playground equipment this quarter same UCCs as above	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	NUM(12.4)
OTHENTCQ	Other entertainment this quarter same UCCs as above	NUM(12.4)
PERSCAPQ	Personal care last quarter 640130 640420 650310	NUM(12.4)
PERSCACQ	Personal care this quarter same UCCs as above	NUM(12.4)
READPQ	Reading last quarter 590111 590112 590211 590212 590220 590230 660310	NUM(12.4)
READCQ	Reading this quarter same UCCs as above	NUM(12.4)
EDUCAPQ	Education last quarter 660110 660210 660900 670110 670210 670901 670902	NUM(12.4)
EDUCACQ	Education this quarter same UCCs as above	NUM(12.4)
TOBACCPQ	Tobacco and smoking supplies last quarter 630110 630210	NUM(12.4)
TOBACCCQ	Tobacco and smoking supplies this quarter same UCCs as above	NUM(12.4)
MISCPQ	Miscellaneous expenditures last quarter MISC1PQ + MISC2PQ	NUM(12.4)
MISCCQ	Miscellaneous expenditures this quarter same composition as above	NUM(12.4)
MISX4PQ	Adjusted miscellaneous expenditures last quarter <i>(To be used for population estimates - see information under Summary Expenditure Data heading.)</i> MISC1PQ + (4*MISC2PQ)	NUM(12.4)

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	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	NUM(12.4)
MISC1CQ	Miscellaneous expenditures this quarter (data collected in all interviews) same UCCs as above	NUM(12.4)
MISC2PQ	Miscellaneous expenditures last quarter (data collected only in fifth interview) 710110	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>	NUM(12.4)
CASHCOPQ	Cash contributions last quarter 800111 800121 800804 800811 800821 800831 800841 800851 800861	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>	NUM(12.4)
PERINSPQ	Personal insurance and pensions last quarter LIFINSPQ + RETPENPQ	NUM(12.4)
PERINSCQ	Personal insurance and pensions this quarter same composition as above	NUM(12.4)
LIFINSPQ	Life and other personal insurance last quarter 002120 700110	NUM(12.4)
LIFINSCQ	Life and other personal insurance this quarter same UCCs as above	NUM(12.4)
RETPENPQ	Retirement, pensions, Social Security last quarter 800910 800920 800931 800932 800940	NUM(12.4)
RETPENCQ	Retirement, pensions, Social Security this quarter same UCCs as above	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”.

VARIABLE	ITEM DESCRIPTION	FORMAT
TTOTALP	Total of all trip expenditures last quarter (TFOODTOP+TALCBEVP+TOTHROP+TTRANPRP+ TENTRMNP)	NUM(10.3)
TTOTALC	Total of all trip expenditures this quarter Same composition as above	NUM(10.3)
TFOODTOP	Total trip expenditures on food last quarter including both restaurant food and food prepared by CU (TFOODAWP+TFOODHOP)	NUM(10.3)
TFOODTOC	Total trip expenditures on food this quarter including both restaurant food and food prepared by CU Same composition as above	NUM(10.3)
TFOODAWP	Food and non-alcoholic beverages last quarter at restaurants, cafes, and fast food places during out-of-town trips 190903	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	NUM(10.3)
TFOODHOP	Food and beverages purchased and prepared by CU last quarter during out-of-town trips 190904	NUM(10.3)
TFOODHOC	Food and beverages purchased and prepared by CU this quarter during out-of-town trips same UCC as above	NUM(10.3)
TALCBEVP	Total trip expenditures last quarter on alcoholic beverages at restaurants, cafes, and bars 200900	NUM(10.3)
TALCBEVC	Total trip expenditures this quarter on alcoholic beverages at restaurants, cafes, and bars same UCC as above	NUM(10.3)
TOTHROP	Total trip expenditures on lodging last quarter including rent for vacation home, and motels 210210	NUM(10.3)

TOTHRLOC	Total trip expenditures on lodging this quarter including rent for vacation home, and motels same UCC as above	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)	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	NUM(10.3)
TGASMOTP	Trip expenditures on gas and oil last quarter 470113 470212	NUM(10.3)
TGASMOTC	Trip expenditures on gas and oil this quarter same UCCs as above	NUM(10.3)
TVRENTLP	Trip expenditures on vehicle rentals and other fees last quarter (TCARTRKP+TOTHVHRP+TOTHTREP)	NUM(10.3)
TVRENTLC	Trip expenditures on vehicle rentals and other fees this quarter same composition as above	NUM(10.3)
TCARTRKP	Trip expenditures on car or truck rental last quarter 520512 520522	NUM(10.3)
TCARTRKC	Trip expenditures on car or truck rental this quarter same UCCs as above	NUM(10.3)
TOTHVHRP	Trip expenditures on car or truck rental last quarter 520905 520906	NUM(10.3)
TOTHVHRC	Trip expenditures on car or truck rental this quarter same UCCS as above	NUM(10.3)
TOTHTREP	Trip expenditures last quarter for other transportation expenses including parking fees, and tolls 520532 520542	NUM(10.3)
TOTHTREC	Trip expenditures this quarter for other transportation expenses including parking fees, and tolls same UCCs as above	NUM(10.3)
TTRNTRIP	Trip expenditures last quarter for public transportation, including airfares (TFAREP+TLOCALTP)	NUM(10.3)
TTRNTRIC	Trip expenditures this quarter for public transportation, including airfares same composition as above	NUM(10.3)

TFAREP	Trip expenditures last quarter on transportation fares including airfare, intercity bus, train, and ship fare (TAIRFARP+TOTHFARP)	NUM(10.3)
TFAREC	Trip expenditures this quarter on transportation fares including airfare, intercity bus, train, and ship fare same composition as above	NUM(10.3)
TAIRFARP	Trip expenditures on airfare last quarter 530110	NUM(10.3)
TAIRFARC	Trip expenditures on airfare this quarter same UCC as above	NUM(10.3)
TOTHFARP	Tip expenditures last quarter on other transportation fares including intercity bus and train fare, and ship fare 530210 530510 530901	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	NUM(10.3)
TLOCALTP	Trip expenditures last quarter on local transportation including taxis, buses etc. 530312 530411	NUM(10.3)
TLOCALTC	Trip expenditures this quarter on local transportation including taxis, buses etc. same UCCs as above	NUM(10.3)
TENTRMNP	Total trip expenditures on entertainment last quarter including sporting events, movies, and recreational vehicle rentals TFEESADP+TOTHENTP	NUM(10.3)
TENTRMNC	Total trip expenditures on entertainment this quarter including sporting events, movies, and recreational vehicle rentals same composition as above	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	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	NUM(10.3)
TOTHENTP	Trip expenditures on recreational vehicle rentals last quarter including campers, boats, and other vehicles 520907 620909 620919	NUM(10.3)
TOTHENTC	Trip expenditures on recreational vehicle rentals this quarter including campers, boats, and other vehicles same UCCs as above	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).

VARIABLE	ITEM DESCRIPTION	FORMAT
OWNVACP	Expenditures on owned vacation homes last quarter including mortgage interest, insurance, taxes, maintenance, and miscellaneous household equipment VOTHRLOP+VMISCHEP	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	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	NUM(10.3)
VOTHRLOC	Expenditures on owned vacation homes this quarter including mortgage interest, insurance, taxes, and maintenance same UCCs as above	NUM(10.3)
VMISCHEP	Expenditures on miscellaneous household equipment for owned vacation homes last quarter 690243	NUM(10.3)
VMISCHEC	Expenditures on miscellaneous household equipment for owned vacation homes this quarter same UCC as above	NUM(10.3)
UTILOWNP	Expenditures on owned vacation home utilities last quarter including water, trash, electricity, and fuels VFUELOIP+VOTHRFLP+VELECTRP+VNATLGAP +VWATERPP	NUM(10.3)
UTILOWNC	Expenditures on owned vacation home utilities this quarter including water, trash, electricity, and fuels same composition as above	NUM(10.3)
VFUELOIP	Expenditures on electricity for owned vacation homes last quarter 250113	NUM(10.3)

VFUELOIC	Expenditures on electricity for owned vacation homes this quarter Same UCC as above	NUM(10.3)
VOTHRFLP	Expenditures on other fuels for owned vacation homes last quarter 250213 250223 250903	NUM(10.3)
VOTHRFLC	Expenditures on other fuels for owned vacation homes this quarter same UCCs as above	NUM(10.3)
VELECTRP	Expenditures on electricity for owned vacation homes last quarter 260113	NUM(10.3)
VELECTRC	Expenditures on electricity for owned vacation homes this quarter same UCC as above	NUM(10.3)
VNATLGAP	Expenditures on natural gas for owned vacation homes last quarter 260213	NUM(10.3)
VNATLGAC	Expenditures on natural gas for owned vacation homes this quarter same UCC as above	NUM(10.3)
VWATERPP	Expenditures on water and public services for owned vacation homes last quarter 270213 270413 270903	NUM(10.3)
VWATERPC	Expenditures on water and public services for owned vacation homes this quarter Same UCCs as above	NUM(10.3)
MRTPRNOP	Outlays on owned vacation home mortgage principle last quarter 830102 830202 830204 880320	NUM(10.3)
MRTPRNOC	Outlays on owned vacation home mortgage principle this quarter same UCCs as above	NUM(10.3)
UTILRNTP	Expenditures on rented vacation home utilities last quarter including water, trash, electricity, and fuels RFUELOIP+ROTHRFLP+RELECTRP+RNATLGAP +RWATERPP	NUM(10.3)
UTILRNTC	Expenditures on rented vacation home utilities this quarter including water, trash, electricity, and fuels same composition as above	NUM(10.3)
RFUELOIP	Expenditures on fuel oil for rented vacation homes last quarter 250114	NUM(10.3)

RFUELOIC	Expenditures on fuel oil for rented vacation homes this quarter same UCC as above	NUM(10.3)
ROTHRFLP	Expenditures on other fuels for rented vacation homes last quarter 250214 250224 250904	NUM(10.3)
ROTHRFLC	Expenditures on other fuels for rented vacation homes this quarter same UCCs as above	NUM(10.3)
RELECTRP	Expenditures on electricity for rented vacation homes last quarter 260114	NUM(10.3)
RELECTRC	Expenditures on electricity for rented vacation homes this quarter same UCC as above	NUM(10.3)
RNATLGAP	Expenditures on natural gas for rented vacation homes last quarter 260214	NUM(10.3)
RNATLGAC	Expenditures on natural gas for rented vacation homes this quarter same UCC as above	NUM(10.3)
RWATERPP	Expenditures on water and public services for rented vacation homes last quarter 270214 270414 270904	NUM(10.3)
RWATERPC	Expenditures on water and public services for rented vacation homes this quarter same UCCs as above	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.

VARIABLE	ITEM DESCRIPTION	FORMAT
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	NUM(10.3)

ETOTALC	Total outlays this quarter, sum of outlays from all major expenditure categories. Same composition as above	NUM(10.3)
ETOTAPX4	Adjusted total outlays last quarter, sum of outlays from all major expenditure categories. FOODPQ + ALCBEVPQ + EHOUSNGP + APPARPQ + ETRANPTP + HEALTHPQ + EENTRMTP + PERSCAPQ + READPQ + EDUCAPQ + TOBACCPQ + MISC1PQ + MISC2PQ * (4) + EMISCMTP + PERINSPQ	NUM(10.3)
ETOTACX4	Adjusted total outlays this quarter, sum of outlays from all major expenditure categories. Same composition as above	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	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	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	NUM(10.3)
ESHELTRC	Shelter outlays this quarter including mortgage principle and interest for owned home and/or vacation home, rents, insurance, taxes, and maintenance. Same composition as above	NUM(10.3)
EOWNDWLP	Owned home outlays last quarter including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. OWNDWEPQ + EMRTPNOP	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	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	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.	NUM(10.3)

	Same composition as above	
EMRTPNOP	Mortgage principal outlays last quarter for owned home. 830201, 830203, 880120	NUM(10.3)
	Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTBI costs are used to convert the values of this family file variable to positive values.	
EMRTPNOC	Mortgage principal outlays this quarter for owned home. Same composition as above	NUM(10.3)
EMRTPNVP	Mortgage principal outlays last quarter for owned vacation home. 830202, 830204, 880320	NUM(10.3)
	Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTBI costs are used to convert the values of this family file variable to positive values.	
EMRTPNVC	Mortgage principal outlays this quarter for owned vacation home. Same composition as above	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	NUM(10.3)
ETRANPTC	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	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	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	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	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	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	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	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	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	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	NUM(10.3)
EENTRMTC	Total entertainment outlays this quarter including sound systems, sports equipment, toys, cameras, and down payments on boats and campers. Same composition as above	NUM(10.3)
EOTHENTP	Outlays for other entertainment supplies last quarter, equipment, and services including down payments on boats and campers. ENOMOTRP + EMOTRVHP + EENTMSCP	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	NUM(10.3)
ENOMOTRP	Outlays for non-motored recreational vehicles last quarter. 870401, 870402, 870403, 870404, 870501, 870502, 870503, 870504	NUM(10.3)
ENOMOTRC	Outlays for non-motored recreational vehicles this quarter. Same composition as above	NUM(10.3)
EMOTRVHP	Outlays for motored recreational vehicles last quarter. 870605, 870606, 870607, 870608, 870701, 870702,	NUM(10.3)

870703, 870704, 870801, 870802, 870803, 870804

EMOTRVHC	Outlays for motored recreational vehicles this quarter. Same composition as above	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	NUM(10.3)
EENTMSCC	Miscellaneous entertainment outlays this quarter including photographic and sports equipment, and boat and RV rentals. Same composition as above	NUM(10.3)
EMISCELP	Miscellaneous outlays last quarter including reduction of mortgage principal (lump sum home equity loan) on other property. MISCPQ + EMISCMTP	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	NUM(10.3)
EMISCMTP	Mortgage principal outlays last quarter for other property. 790920, 790940, 880220 Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTBI costs are used to convert the values of this family file variable to positive values.	NUM(10.3)
EMISCMTC	Mortgage principal outlays this quarter for other property. Same composition as above	NUM(10.3)

2. MEMBER CHARACTERISTICS AND INCOME (MEMI) FILE

The MEMI 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 MEMI file and FMLI 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	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	NUM(8)
MEMINO	Person line number Control Card 16	NUM(2)

b. **CHARACTERISTICS OF MEMBER**

VARIABLE	ITEM DESCRIPTION	FORMAT
*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 0 Blank, or illegible entry CODED 0 Unmarried Partner [N(Y032)] Control Card 19	CHAR(1)
*CU_CODE_	D(Y032)	CHAR(1)
AGE	What is the Member's date of birth? (Age is verified.) Control Card 24	NUM(2)

AGE_		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	CHAR(1)
	Control Card 25 D(Y032)	
*RACE_	D(Y032)	CHAR(1)
SEX	Is the Member male or female? CODED 1 Male 2 Female	CHAR(1)
	Control Card 21	
*SEX_	D(Y032)	CHAR(1)
MARITAL	Is the Member now . . . ? (Marital status) CODED 1 Married 2 Widowed 3 Divorced 4 Separated 5 Never married	CHAR(1)
	Control Card 27	
*MARITAL_	D(Y032)	CHAR(1)
*ORIGINR	What is the Member's ethnic origin or ancestry? 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	CHAR(1)

- 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 the highest degree the Member has received? CHAR(2)

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_ CHAR(1)

IN_COLL Is the Member currently enrolled in a college or university either . . .? CHAR(1)

CODED

- 1 Full time
- 2 Part time
- 3 Not at all

Control Card 28b

IN_COLL_ CHAR(1)

ARM_FORC Is the Member now in the armed forces? CHAR(1)

CODED

- 1 Yes
- 2 No

Control Card 29

ARM_ORC CHAR(1)

EARNER Does Member earn income? CHAR(1)

CODED

- 1 Yes, Member earns income.
- 2 No, Member does not earn income.

BLS derived

EARNER_ 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	CHAR(1)
EARN_YPE		CHAR(1)
SCHMLWKQ	How many weeks did the Member purchase meals at school? CAPI Section 20 (S 20A 9b.d)	NUM(2)
SCHM_WKQ		CHAR(1)
SCHMLWKX	What is the usual WEEKLY expense for the meals the Member purchased at school? CAPI Section 20 (S 20A 9b.c)	NUM(3)
SCHM_WKX		CHAR(1)
*HORIGIN	Are you Hispanic Latino, or Spanish? 1 Yes 2 No Control Card N(Y032)	CHAR(1)
*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 N(Y032)	CHAR(1)
*HISP_NIC	N(Y032)	CHAR(1)
*MEMIRACE	Race of Member Coded: 1 White 2 Black 3 Native American 4 Asian 5 Pacific Islander 6 Multi-race Control Card	CHAR(1)

	N(Y032)	
*RC_WHITE	Race Coded: 1 White BLS Derived N(Y032)	CHAR(1)
*RC_W_ITE	N(Y032)	CHAR(1)
*RC_BLACK	Race Coded: 2 Black BLS Derived N(Y032)	CHAR(1)
* RC_B_ACK	N(Y032)	CHAR(1)
*RC_NATAM	Race: Coded: 3 Native American BLS Derived N(Y032)	CHAR(1)
*RC_N_TAM	N(Y032)	CHAR(1)
*RC_ASIAN	Race Coded: 4 Asian BLS Derived N(Y032)	CHAR(1)
*RC_A_IAN	N(Y032)	CHAR(1)
*RC_PACIL	Race Coded: 5 Pacific Islander BLS Derived N(Y032)	CHAR(1)
*RC_P_CIL	N(Y032)	CHAR(1)
RC_OTHER	Race Coded: 6 Other BLS Derived N(Y032)	CHAR(1)
*RC_O_HER		CHAR(1)
*RC_DK	Race Coded: 7 Don't Know BLS Derived N(Y032)	CHAR(1)

*RC_DK_	N(Y032)	CHAR(1)
*ASIAN	Country of Asian origin (asked only if '4' is entered for MEMIRACE) Coded: 1 Chinese 2 Filipino 3 Japanese 4 Korean 5 Vietnamese 6 Asian Indian 7 Other Control Card N(Y032)	CHAR(1)
*ASIAN_	N(Y032)	CHAR(1)

c. WORK EXPERIENCE OF MEMBER

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	NUM(2)
INCW_EKQ		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)	NUM(3)
INC__RSQ		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	CHAR(2)

- 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)

OCCU_ODE CHAR(1)

INCOMEY Was the Member . . . ? (Type of employee) CHAR(1)
 Refers to job where Member received the most earnings in the past 12 months.

CODED

- 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_ 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. CHAR(1)

CODED

- 1 Yes
- 2 No

CAPI Section 22 (S22A-E 4b)

INCORP_ CHAR(1)

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

CODED

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

BLS derived

PWRK_TAT CHAR(1)

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

d. **INCOME**

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	NUM(10)
SALARYX_		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)	CHAR(2)
SALARYB_		CHAR(1)
SALARYBX	Median of bracket range of SALARYB BLS derived	NUM(6)
SALA_YBX		CHAR(1)
GROSPAYX	What was the gross amount of the Member's last pay?	NUM(10)

CAPI Section 22 (S 22A E6c)

GROS_AYX CHAR(1)

PAYPERD What period of time did this last gross pay cover? CHAR(1)

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)

PAYPERD_ CHAR(1)

NONFARMX During the past 12 months, what was the amount of income or NUM(10)
loss from the Member's own nonfarm business, partnership
or professional practice after expenses?

*L

CAPI Section 22 (S 22A E7a)

NONF_RMX CHAR(1)

NONFARMB Bracketed variable for NONFARMX 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 E7b)

NONF_RMB CHAR(1)

NONFRMBX Median of bracket range of NONFARMB NUM(6)

*L

BLS derived

NONF_MBX CHAR(1)

NFRMLOSS Was there a loss from the Member's own nonfarm business, CHAR(1)
partnership, or professional practice?

	CODED 3 Loss	
	CAPI Section 22 (S 22A E7b)	
NFRM_OSS		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	NUM(10)
	CAPI Section 22 (S 22A E7d)	
FARM_NCX		CHAR(1)
FARMINCB	Bracketed variable for FARMINCX	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		CHAR(1)
FRMINCBX	Median of bracket range of FARMINCB *L	NUM(6)
	BLS derived	
FRMI_CBX		CHAR(1)
FARMLOSS	Was there a loss from the Member's own farm? CODED 3 Loss	CHAR(1)
	CAPI Section 22 (S 22A E7d)	
FARM_OSS		CHAR(1)
SOCRXX	Amount of Social Security and Railroad Retirement income received by Member in past 12 months	NUM(8)
	BLS derived	
SOCRXX_		CHAR(1)

RRRETIRX	What was the amount of the last Social Security or Railroad Retirement payment received? (In past 12 months)	NUM(8)
	CAPI Section 22 (S 22A E9d)	
RRRE_IRX		CHAR(1)
RRRETIRB	Bracketed variable for RRRETIRX	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		CHAR(1)
RRRETRBX	Median of bracket range of RRRETIRB	NUM(6)
	BLS derived	
RRRE_RB_X		CHAR(1)
INCMEDCR	Is the amount of the last Social Security or Railroad Retirement payment received AFTER the deduction for a Medicare premium?	CHAR(1)
	CODED	
	1 Yes	
	2 No	
	CAPI Section 22 (S 22A E9f)	
INCM_DCR		CHAR(1)
SS_RRQ	During the past 12 months, how many Social Security or Railroad Retirement payments did the Member receive?	NUM(2)
	CAPI Section 22 (S 22A E9g)	
SS_RRQ_		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)	NUM(8)
	CAPI Section 22 (S 22A E10c)	

SSIX_ CHAR(1)

SSIB Bracketed variable for SSIX 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_ CHAR(1)

SSIBX Median of bracket range of SSIB NUM(6)

BLS derived

SSIBX_ CHAR(1)

e. TAXES

VARIABLE	ITEM DESCRIPTION	FORMAT
ANFEDTX	Annualized amount of Federal income tax deducted from last pay ((AMTFED/GROSPAYX) x SALARYX)	NUM(8)
	BLS derived	
ANFEDTX_		CHAR(1)
AMTFED	How much was deducted from the Member's last pay for Federal income tax?	NUM(8)
	CAPI Section 22 (S 22A E6e.1)	
AMTFED_		CHAR(1)
ANSLTX	Annualized amount of state and local income taxes deducted from last pay ((SLTAXX/GROSPAYX x SALARYX)	NUM(8)
	BLS derived	
ANSLTX_		CHAR(1)

SLTAXX	How much was deducted from the Member's last pay for state and local income tax? CAPI Section 22 (S 22A E6e.2)	NUM(8)
SLTAXX_		CHAR(1)

f. **RETIREMENT AND PENSION DEDUCTIONS**

VARIABLE	ITEM DESCRIPTION	FORMAT
SSNORM	Are Social Security payments normally deducted from your paycheck? CODED 1 Yes 2 No CAPI Section 22 (S 22A E6f)	CHAR(1)
SSNORM_		CHAR(1)
JSSDEDX	Estimated amount of income contributed to Social Security by Member in past 12 months BLS derived	NUM(6)
MEDICOV	Does the money deducted for Social Security cover only the Medicare portion of Social Security? CODED 1 Yes 2 No CAPI Section 22 (S 22A E6g)	CHAR(1)
MEDICOV_		CHAR(1)
SLFEMPSS	Amount of income contributed to Social Security by Member if self-employed BLS derived	NUM(6)
SLFE_PSS		CHAR(1)
ANRRDEDX	Annualized amount of Railroad Retirement deducted from last pay ((RRRDEDX/GROSPAYX x SALARYX) BLS derived	NUM(8)
ANRR_EDX		CHAR(1)
RRRDEDX	How much was deducted from the Member's last pay for Railroad Retirement?	NUM(8)

	CAPI Section 22 (S 22A E6e.5)	
RRRDEDX_		CHAR(1)
ANGOVRTX	Annualized amount of Government Retirement deducted from last pay ((GOVRETX/GROSPAYX x SALARYX)	NUM(8)
	BLS derived	
ANGO_RTX		CHAR(1)
GOVRETX	How much was deducted from the Member's last pay for Government Retirement?	NUM(8)
	CAPI Section 22 (S 22A E6e.4)	
GOVRETX_		CHAR(1)
ANPRVPNX	Annualized amount of private pensions deducted from last pay ((PRIVPENX/GROSPAYX x SALARYX)	NUM(8)
	BLS derived	
ANPR_PNX		CHAR(1)
PRIVPENX	How much was deducted from the Member's last pay for private pension fund?	NUM(8)
	CAPI Section 22 (S 22A E6e.3)	
PRIV_ENX		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	CHAR(1)
	CAPI Section 22 (S 22A E6h)	
EMPL_ONT		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)	NUM(10)
	CAPI Section 22 (S 22A E8)	
INDRETX_		CHAR(1)

3. MONTHLY EXPENDITURES (MTBI) FILE

In the MTBI file, each expenditure reported by a CU is identified by UCC, gift/non-gift 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	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	NUM(8)
UCC	Universal Classification Code See Section XIII.A. for a listing of MTBI UCC codes and titles. BLS derived	CHAR(6)

COST	Cost *L BLS derived	NUM(12.4)
COST_	Cost flag CODED Computation Status of Cost: T Topcoded 0 No change 1 One of the source fields was flagged by Census 2 Manually updated Note: All of the following flags (3-9 & 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 BLS derived	CHAR(1)
GIFT	Was item bought for someone outside the CU? CODED 1 Yes 2 No BLS derived	CHAR(1)
PUBFLAG	Is cost included in published bulletin? CODED 1 Not published 2 Published in Integrated Bulletin BLS derived	CHAR(1)
REF_MO	Reference month of this expenditure BLS derived	CHAR(2)
REF_YR	Reference year of this expenditure BLS derived	CHAR(4)

4. INCOME (ITBI) FILE

The ITBI file, also referred to as the "Income" file, contains CU characteristics and income data. This file is created directly from the FMLI 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 MTBI expenditure data. As such, the file structure is similar to MTBI. 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 ITBI. If the corresponding FMLI 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 $((\$50,000*4)/12 = \$16666.67)$ 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	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	NUM(8)
REFMO	Reference month BLS derived	CHAR(2)
REFYR	Reference year BLS derived	CHAR(4)
UCC	Universal Classification Code See Section XIII.B. for a listing of ITBI UCC codes and titles. BLS derived	CHAR(6)

PUBFLAG	Is value included in published bulletin? CODED 1 Not published 2 Published in Integrated Bulletin BLS derived	CHAR(1)
VALUE	Value of UCC *L BLS derived	NUM(12.4)
VALUE_	Value flag CODED T - Topcoded Blank - Not topcoded BLS derived	CHAR(1)

5. DETAILED EXPENDITURES (EXPN) FILES

a. SECTION 1 GENERAL SURVEY INFORMATION (APL)

PART C Major Household Appliances - For New Consumer Units Only

VARIABLE	ITEM DESCRIPTION	FORMAT
QYEAR	Quarter and year of the interview, for use in matching to the other files CODED 20011 2001, 1st quarter 20012 2001, 2nd quarter 20013 2001, 3rd quarter 20014 2001, 4th quarter 20021 2002, 1st quarter BLS derived	
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	
SEQNO	Sequence number, uniquely identifies each EXPN record based on order of entries on survey questionnaire BLS derived	
ALCNO	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).

BLS derived

REC_ORIG Describes the origin of the record, field in common to all records (see "ALLOCATION AND RECORD ORIGIN" for the codes and their descriptions).

CENSUS derived

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	FORMAT
MAJCODE	Does your CU have any of the following appliances? CODED	CHAR(2)
	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	
MAJCODE_		CHAR(1)
*MAJAPPLQ	How many of each appliance? CAPI Section 1 (S01C col. B)	NUM(2)

MAJA_PLQ		CHAR(1)
PURCHOWN	Purchase for own use CAPI Section 1 (S01C col.c)	CHAR(1)
PURC_OWN		CHAR(1)
INCLOWN	Included with owned home CAPI Section 1 (S 01C col.c)	CHAR(1)
INCLOWN_		CHAR(1)
RECDGIFT	Received as a gift CAPI Section 1 (S 01C col.c)	CHAR(1)
RECD_IFT		CHAR(1)
INCLRENT	Included with rental unit CAPI Section 1 (S 01C col.c)	CHAR(1)
INCL_ENT		CHAR(1)
RENTSEP	Rented separately CAPI Section 1 (S 01C col.c)	CHAR(1)
RENTSEP_		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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
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	CHAR(1)
SAMP_UN_		CHAR(1)
*RNTLPRD	What period of time does this rental charge cover?	CHAR(1)

	CODED 4 Month 9 Other	
	S02A/B 2b/1b D(Y032)	
*RNTLPRD_	D(Y032)	CHAR(1)
*RTPMTQ	Since the 1st of (<i>month, 3 months ago</i>), how many payments have been made?	NUM(3)
	S02A/B 2c/1c D(Y032)	
*RTPMTQ_	D(Y032)	CHAR(1)
*RTPMTRG	Were all the payments for the same amount? CODED 1 Yes 2 No	CHAR(1)
	S02A/B 2d/1d D(Y032)	
*RTPMTRG_	D(Y032)	CHAR(1)
*RTCREXP	Were any payments made during the current month? CODED 1 Yes 2 No	CHAR(1)
	S02A/B 2f/1f D(Y032)	
*RTCREXP_	D(Y032)	CHAR(1)
RTELECT	Does the rental payment include the cost of electricity? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 2 (S02A/B 3a/2a)	
RTELECT_		CHAR(1)
RTGAS	Does the rental payment include the cost of gas? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 2 (S02A/B 3b/2b)	
RTGAS_		CHAR(1)
RTWATER	Does the rental payment include the cost of piped-in water?	CHAR(1)

	CODED 1 Yes 2 No	
	CAPI Section 2 (S02A/B 3c/2c)	
RTWATER_		CHAR(1)
RTHEAT	Does the rental payment include the cost of heating? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 2 (S02A/B 3d/2d)	
RTHEAT_		CHAR(1)
RTTRASH	Does the rental payment include the cost of trash/garbage collection? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 2 (S02A/B 3e/2e)	
RTTRASH_		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	CHAR(1)
	CAPI Section 2 (S02A/B 4a/3a)	
RTASPAY_		CHAR(1)
RTCOMPX	What is the rental charge to another tenant for a similar unit? CAPI Section 2 (S02A/B 4b/3b)	NUM(6)
RTCOMPX_		CHAR(1)
*RTCMPPD	What period of time does this charge cover? CODED *1 Month N(Y032) *2 Other N(Y032) *4 Month D(Y032) *9 Other D(Y032)	CHAR(1)
	CAPI Section 2 (S02A/B 4c/3c)	
RTCMPPD_		CHAR(1)
RTBSNSZ	What percent of the rental payment is counted as a business expense?	NUM(4.2)

CAPI Section 2 (S02A/B 5b/4b)

RTBSNSZ_		CHAR(1)
JRTPAYQV	Quarterly value of rent received as pay	NUM(8)
	BLS derived	
JRTP_YQV		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.	NUM(8)
	BLS derived	
QRT3_CMX		CHAR(1)

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

PART B Detailed Property Description (OPB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
PROP_NOB	Property number	CHAR(2)
	CAPI Section 3 (S03B 1a)	
PROP0NOB		CHAR(1)
OWNYB	Property code CODED	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 (S03B 1b)	
OWNYB_		CHAR(1)
OBSNSZB	What percent of the expenses are deducted as business, farm or rental expenses?	NUM(4.2)
	CAPI Section 3 (S03B 2b)	
OBSNSZB_		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)	CHAR(1)
PROP_YPE		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)	CHAR(2)
ACQU_RMO		CHAR(1)
ACQUIRYR	In what year did you close or settle on this property? (See ACQUIRMO) CAPI Section 3 (S03B 3a)	CHAR(4)
ACQU_RYR		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)	CHAR(1)
ACQMETH_		CHAR(1)
OWN_PURX	Not including closing costs, what was the total price paid for the property? CAPI Section 3 (S03B 5)	NUM(8)
OWN__URX		CHAR(1)
OWNDPMTX	What was the amount of the down payment? CAPI Section 3 (S03B 6)	NUM(8)
OWND_MTX		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)	NUM(8)
CLOS_CST		CHAR(1)

PROPVALX	About how much do you think this property would sell for on today's market? CAPI Section 3 (S03B 8)	NUM(8)
PROP_ALX		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)	CHAR(1)
VSHARED_		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)	CHAR(1)
VTIM_SHR		CHAR(1)
QADPTAX	Amount of annual property taxes, adjusted for business, farm, and rental expenses Census derived	NUM(10)
QADPTAX_		CHAR(1)

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

PART D Disposed of Property (OPD)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
PROP_NOD	Property number CAPI Section 3 (S03D 1a)	CHAR(2)
PROP0NOD		CHAR(1)
OWNYD	Property code	CHAR(3)

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)

OWNYD_ CHAR(1)

DISPMTHD Did you (your CU) sell this property, give it to someone else (outside your CU), or do something else with it? CHAR(1)

CODED

- 1 Sold the property
- 2 Gave it to someone else
- 3 Something else

CAPI Section 3 (S03D 2)

DISP_THD CHAR(1)

DISPX What was the selling price (trade-in value)? NUM(8)

CAPI Section 3 (S03D 4)

DISPX_ 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.) NUM(8)

CAPI Section 3 (S03D 5)

DISP_XPX CHAR(1)

DISPMO In what month did you (your CU) dispose of this property? CHAR(2)

CAPI Section 3 (S03D 3)

DISPMO_ CHAR(1)

DISPYR In what year did you (your CU) dispose of this property? CHAR(4)

CAPI Section 3 (S03D 3)

DISPYR_ CHAR(1)

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

PART F Mortgages (MOR)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
PROP_NOF	Property number CAPI Section 3 (S03F 1a)	CHAR(2)
PROP0NOF		CHAR(1)
OWNYF	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 (S03F 1b)	CHAR(3)
OWNYF_		CHAR(1)
OLDMRRT	What was the rate of interest at the time the mortgage was obtained? CAPI Section 3 (S03F 4)	NUM(5.4)
OLDMRRT_		CHAR(1)
NEWMRRT	What is the current interest rate on your (your CU's) mortgage? CAPI Section 3 (S03F 5)	NUM(5.4)
NEWMRRT_		CHAR(1)
ORGMRTX	What was the amount of the mortgage when you (your CU) obtained it, excluding any interest? CAPI Section 3 (S03F 8)	NUM(8)
ORGMRTX_		CHAR(1)
QMRRTERM	Length of mortgage in years BLS derived	NUM(3)
QMRT_ERM		CHAR(1)
MRTPMTX	On your (your CU's) last regular payment, what was the total amount you paid for those things? (See PAYPROTX for	NUM(8)

items that were included in payment. BLS mortgage edit converts all payments to monthly basis.)

CAPI Section 3 (S03F 11)

M RTPMTX_ CHAR(1)

M RTPMPD How often are (were) mortgage payments due? (See NOTE CHAR(1)
under MRTPMTX.)
CODED
3 Monthly

CAPI Section 3 (S03F 9)

M RTPMPD_ CHAR(1)

PAYPROTX On your (your CU's) last regular payment, which of these things CHAR(1)
were included?
CODED
2 Property taxes

CAPI Section 3 (S03F 10)

PAYP_OTX CHAR(1)

PAYPROIN See PAYPROTX for question and source. CHAR(1)
CODED
3 Property insurance

PAYP_OIN CHAR(1)

PAYLIFIN See PAYPROTX for question and source. CHAR(1)
CODED
4 Life insurance

PAYL_FIN CHAR(1)

PAYMORIN See PAYPROTX for question and source. CHAR(1)
CODED
5 Mortgage insurance

PAYM_RIN CHAR(1)

PAYOTHER See PAYPROTX for question and source. CHAR(1)
CODED
6 Any other payments

PAYO_HER CHAR(1)

QESCROWX Amount of last regular mortgage payment that went to escrow NUM(8)
BLS derived

QESC_OWX CHAR(1)

QPRINM1X Amount of principal paid during first month of reference period NUM(8)

	BLS derived	
QPRI_M1X		CHAR(1)
QPRINM2X	Amount of principal paid during second month of reference period	NUM(8)
	BLS derived	
QPRI_M2X		CHAR(1)
QPRINM3X	Amount of principal paid during third month of reference period	NUM(8)
	BLS derived	
QPRI_M3X		CHAR(1)
QADINT1X	Amount of interest paid during first month of reference period, adjusted for business	NUM(8)
	BLS derived	
QADI_T1X		CHAR(1)
QADINT2X	Amount of interest paid during second month of reference period, adjusted for business	NUM(8)
	BLS derived	
QADI_T2X		CHAR(1)
QADINT3X	Amount of interest paid during third month of reference period, adjusted for business	NUM(8)
	BLS derived	
QADI_T3X		CHAR(1)
QRFINDAT	Month and year mortgage payment changed	CHAR(6)
	Census derived	
QRFI_DAT		CHAR(1)
FRSTPYMO	In what month did you (your CU) make your (your CU's) first payment on this mortgage?	CHAR(2)
	CAPI Section 3 (S03F 2)	
FRST_YMO		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)	CHAR(4)
FRST_YR		CHAR(1)
FIXEDRTE	Is this a fixed rate mortgage? CODED 1 Yes 2 No S03F 6a	CHAR(1)
FIXE_RTE		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 6 Other CAPI Section 3 (S03F 6b)	CHAR(1)
PAYTYPE_		CHAR(1)
REFINED	Have you (Has your CU) refinanced or renegotiated this mortgage? CODED 1 Yes 2 No CAPI Section 3 (S03F 7)	CHAR(1)
REFINED_		CHAR(1)
QNEWDATE	Month and year mortgage payment changed Census derived	CHAR(6)
QNEW_ATE		CHAR(1)
QBLNCM1X	Principal balance outstanding at beginning of month, three months ago BLS derived	NUM(8)
QBLN_M1X		CHAR(1)

QBLNCM2X	Principal balance outstanding at beginning of month, two months ago BLS derived	NUM(8)
QBLN_M2X		CHAR(1)
QBLNCM3X	Principal balance outstanding at beginning of month, one month ago BLS derived	NUM(8)
QBLN_M3X		CHAR(1)
LOAN_NOF	Loan number CAPI Section 3 (S03F 1d)	CHAR(2)
LOAN0NOF		CHAR(1)

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

PART G Lump Sum Home Equity Loans (HEL)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
PROP_NOG	Property number CAPI Section 3 (S03G 1)	CHAR(2)
PROP0NOG		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)	CHAR(3)
OWNYG_		CHAR(1)
OLDMRTG	What was the rate of interest at the time the home equity loan was obtained? CAPI Section 3 (S03G 4)	NUM(5.4)
OLDMRTG_		CHAR(1)

NEWMRTG	What is the current interest rate on your (your CU's) home equity loan? CAPI Section 3 (S03G 5)	NUM(5.4)
NEWMRTG_		CHAR(1)
ORGMRTG	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)	NUM(8)
ORGMRTG_		CHAR(1)
QMRTRMG	Length of home equity loan in years BLS derived	NUM(3)
QMRT_RMG		CHAR(1)
MRTPMTG	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)	NUM(8)
MRTPMTG_		CHAR(1)
MRTPMPG	How often are loan payments due? (See NOTE under MRTPMTG) CODED 3 Monthly CAPI Section 3 (S03G 9)	CHAR(1)
MRTPMPG_		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)	CHAR(1)
PAYP_TXG		CHAR(1)
PAYPRING	See PAYPRTXG for question and source. CODED 3 Property insurance	CHAR(1)
PAYP_ING		CHAR(1)
PAYLFING	See PAYPRTXG for question and source. CODED	CHAR(1)

4 Life insurance

PAYL_ING		CHAR(1)
PAYMRING	See PAYPRTXG for question and source. CODED 5 Mortgage guarantee insurance	CHAR(1)
PAYM_ING		CHAR(1)
PAYOTHRG	See PAYPRTXG for question and source. CODED 6 Any other payments	CHAR(1)
PAYO_HRG		CHAR(1)
QESCROWG	Amount of last regular home equity loan payment that went to escrow BLS derived	NUM(8)
QESC_OWG		CHAR(1)
QPRINM1G	Amount of principal paid during first month of reference period BLS derived	NUM(8)
QPRI_M1G		CHAR(1)
QPRINM2G	Amount of principal paid during second month of reference period BLS derived	NUM(8)
QPRI_M2G		CHAR(1)
QPRINM3G	Amount of principal paid during third month of reference period BLS derived	NUM(8)
QPRI_M3G		CHAR(1)
QADINT1G	Amount of interest paid during first month of reference period, adjusted for business BLS derived	NUM(8)
QADI_T1G		CHAR(1)
QADINT2G	Amount of interest paid during second month of reference period, adjusted for business BLS derived	NUM(8)
QADI_T2G		CHAR(1)

QADINT3G	Amount of interest paid during third month of reference period, adjusted for business BLS derived	NUM(8)
QADI_T3G		CHAR(1)
QRFINDTG	Month and year loan payment changed ("Old" loan record) BLS derived	CHAR(6)
QRFI_DTG		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)	CHAR(2)
FRST_YMG		CHAR(1)
FRSTPYRG	In what year did you (your CU) make your (your CU's) first payment on this loan? S03G 2	CHAR(4)
FRST_YRG		CHAR(1)
FIXDRTEG	Is this a fixed rate home equity loan? CODED 1 Yes 2 No CAPI Section 3 (S03G 6a)	CHAR(1)
FIXD_TEG		CHAR(1)
PAYTYPG	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)	CHAR(1)
PAYTYPG_		CHAR(1)
REFINDG	Have you (Has your CU) refinanced or renegotiated this lump sum home equity loan? CODED 1 Yes	CHAR(1)

2 No

CAPI Section 3 (S03G 7)

REFINDG_		CHAR(1)
QNEWDATG	Month and year loan payment changed ("New" loan record)	CHAR(6)
	Census derived	
QNEW_ATG		CHAR(1)
QBLNCM1G	Principal balance outstanding at beginning of month, three months ago	NUM(8)
	BLS derived	
QBLN_M1G		CHAR(1)
QBLNCM2G	Principal balance outstanding at beginning of month, two months ago	NUM(8)
	BLS derived	
QBLN_M2G		CHAR(1)
QBLNCM3G	Principal balance outstanding at beginning of month, one month ago	NUM(8)
	BLS derived	
QBLN_M3G		CHAR(1)
LOAN_NOG	Loan number	CHAR(2)
	CAPI Section 3 (S03G 1d)	
LOAN0NOG		CHAR(1)

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

PART H Line of Credit Home Equity Loans (OPH)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
PROP_NOH	Property number	CHAR(2)
	CAPI Section 3 (S03H 1a)	
PROP0NOH		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)	CHAR(3)
OWNYH_		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 CAPI Section 3 (S03H 2)	CHAR(1)
PAID_OAN		CHAR(1)
PRINAMTX	Prior to the last payment, what was the total amount owed? CAPI Section 3 (S03H 4)	NUM(8)
PRIN_MTX		CHAR(1)
PRIMPLUS	Interest rate used in calculation of JINTPDX (Equal to prime rate plus 1.5 percentage points) BLS derived	NUM(6.4)
PRIM_LUS		CHAR(1)
JINTPDX	Estimated amount of interest paid on loan during reference period BLS derived	NUM(8)
JINTPDX_		CHAR(1)
JLCPRIX	Estimated amount of principal paid on loan during reference period *L BLS derived	NUM(8)
JLCP_INX		CHAR(1)
LOAN_NOH	Loan number CAPI Section 3 (S03H 1d)	CHAR(2)
LOAN0NOH		CHAR(1)

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

PART I Ownership Costs (OPI)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
PROP_NOI	Property number CAPI Section 3 (S03I 1a)	CHAR(2)
PROP0NOI		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)	CHAR(3)
OWNYI_		CHAR(1)
QRENTDDZ	Percentage of owned property expenses after deducting business expenses (1.00 - OBSNSZB) Census derived	NUM(4.2)
QREN_DDZ		CHAR(1)
QADPENTX	Amount of penalty charges on special or lump sum mortgage payment, adjusted for business Census derived	NUM(8)
QADP_NTX		CHAR(1)
QLR3MCMX	Amount paid for ground or land rent, adjusted for business Census derived	NUM(8)
QLR3_CMX		CHAR(1)
JFEETOTX	Amount of regular condo fee for management services, adjusted for business BLS derived	NUM(8)

JFEE_OTX		CHAR(1)
QSPCLX	Total amount of special payments for management services, adjusted for business	NUM(8)
	Census derived	
QSPCLX_		CHAR(1)
TYPEPROP	Property type CODED 1 Condominium 2 Co-op 3 Neither condo nor co-op	CHAR(1)
	CAPI Section 3 (S03I 5)	
TYPE_ROP		CHAR(1)
PAYHOASS	Do you (Does your CU) make regular payments to a homeowner association? (TYPEPROP = 3 only)	CHAR(1)
	CODED 1 Yes 2 No	
	CAPI Section 3 (S03I 6)	
PAYH_ASS		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)	CHAR(1)
	CODED 1 Yes 2 No	
	CAPI Section 3 (S03I 7)	
PAYC_NDO		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)	CHAR(2)
	CODED 01 Repayment of loans owed by cooperative	
	CAPI Section 3 (S03I 8)	
COOP_G01		CHAR(1)
COOPRG02	See COOPRG01 for question and source.	CHAR(2)
	CODED 02 Property taxes	
COOP_G02		CHAR(1)

COOPRG03	See COOPRG01 for question and source. CODED 03 Property insurance	CHAR(2)
COOP_G03		CHAR(1)
COOPRG04	See COOPRG01 for question and source. CODED 04 Management	CHAR(2)
COOP_G04		CHAR(1)
COOPRG05	See COOPRG01 for question and source. CODED 05 Repairs and maintenance, including lawn care and snow removal	CHAR(2)
COOP_G05		CHAR(1)
COOPRG06	See COOPRG01 for question and source. CODED 06 Improvements	CHAR(2)
COOP_G06		CHAR(1)
COOPRG07	See COOPRG01 for question and source. CODED 07 Recreational, including swimming, golf, and tennis facilities	CHAR(2)
COOP_G07		CHAR(1)
COOPRG08	See COOPRG01 for question and source. CODED 08 Security, including guards and alarm systems	CHAR(2)
COOP_G08		CHAR(1)
COOPRG09	See COOPRG01 for question and source. CODED 09 Utilities: such as gas, electricity, water, heat	CHAR(2)
COOP_G09		CHAR(1)
COOPRG10	See COOPRG01 for question and source. CODED 10 Trash collection	CHAR(2)
COOP_G10		CHAR(1)
COOPRG11	See COOPRG01 for question and source. CODED 11 Other	CHAR(2)
COOP_G11		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)	CHAR(2)
HOCO_G21		CHAR(1)
HOCORG22	See HOCORG21 for question and source. CODED 22 Repairs and maintenance, including lawn care and snow removal	CHAR(2)
HOCO_G22		CHAR(1)
HOCORG23	See HOCORG21 for question and source. CODED 23 Improvements	CHAR(2)
HOCO_G23		CHAR(1)
HOCORG24	See HOCORG21 for question and source. CODED 24 Utilities: such as gas, electricity, water, heat	CHAR(2)
HOCO_G24		CHAR(1)
HOCORG25	See HOCORG21 for question and source. CODED 25 Parking	CHAR(2)
HOCO_G25		CHAR(1)
HOCORG26	See HOCORG21 for question and source. CODED 26 Recreational, including swimming, golf, and tennis facilities	CHAR(2)
HOCO_G26		CHAR(1)
HOCORG27	See HOCORG21 for question and source. CODED 27 Security, including guards and alarm systems	CHAR(2)
HOCO_G27		CHAR(1)
HOCORG28	See HOCORG21 for question and source. CODED 28 Maid service	CHAR(2)
HOCO_G28		CHAR(1)

HOCORG29	See HOCORG21 for question and source. CODED 29 Medical services	CHAR(2)
HOCO_G29		CHAR(1)
HOCORG30	See HOCORG21 for question and source. CODED 30 Trash collection	CHAR(2)
HOCO_G30		CHAR(1)
HOCORG31	See HOCORG21 for question and source. CODED 31 Other	CHAR(2)
HOCO_G31		CHAR(1)
REGFEECR	Type of service or privilege: The first two digits represent the type of service (COOPRGnn or HOCORGnn); the last three 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	CHAR(5)
REGF_ECR		CHAR(1)
INC_MORT	Are any of these costs included in your (your CU's) mortgage payment? CODED 1 Yes 2 No CAPI Section 3 (S03I 10a)	CHAR(1)
INC__ORT		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	CHAR(2)

- 09 Utilities: such as gas, electricity, water, heat
- 10 Trash collection
- 11 Other

CAPI Section 3 (S03I 11b)

COOP_P01		CHAR(1)
COOPSP02	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P02		CHAR(1)
COOPSP03	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P03		CHAR(1)
COOPSP04	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P04		CHAR(1)
COOPSP05	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P05		CHAR(1)
COOPSP06	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P06		CHAR(1)
COOPSP07	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P07		CHAR(1)
COOPSP08	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P08		CHAR(1)
COOPSP09	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P09		CHAR(1)
COOPSP10	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P10		CHAR(1)
COOPSP11	See COOPSP01 for question, codes, and source.	CHAR(2)
COOP_P11		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	CHAR(2)

- 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)

HOCO_P01		CHAR(1)
HOCOSP02	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P02		CHAR(1)
HOCOSP03	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P03		CHAR(1)
HOCOSP04	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P04		CHAR(1)
HOCOSP05	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P05		CHAR(1)
HOCOSP06	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P06		CHAR(1)
HOCOSP07	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P07		CHAR(1)
HOCOSP08	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P08		CHAR(1)
HOCOSP09	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P09		CHAR(1)
HOCOSP10	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P10		CHAR(1)
HOCOSP11	See HOCOSP01 for question, codes, and source.	CHAR(2)
HOCO_P11		CHAR(1)
SPFEECR	Type of special service or privilege: Derived in same manner as REGFEECR. Type of service based on COOSPnn and HOCOSPnn.	CHAR(5)

	BLS derived	
SPFEECR_		CHAR(1)
QLMPSUMX	Amount paid for mortgage in special or lump sum payments during reference period, adjusted for business	NUM(8)
	Census derived	
QLMP_UMX		CHAR(1)
QPENALT	Amount of penalty charges for special or lump sum payments, adjusted for business	NUM(8)
	Census derived	
QPEN_LTX		CHAR(1)
QOTHERFX	Amount of regular HOA/condo fees NOT included in mortgage, adjusted for business	NUM(8)
	Census derived	
QOTH_RFX		CHAR(1)
QSPASSX	Amount paid for special assessments for local projects, such as the construction or repair of roads and sidewalks, adjusted for business	NUM(8)
	Census derived	
QSPASSX_		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?	NUM(6)
	CAPI Section 3 (S03I 13)	
RNTEQVX_		CHAR(1)

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

PART A Telephone Expenses (UTA)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
TELMO	In what month was the bill received?	CHAR(2)
	CAPI Section 4 (S 04A 4b)	

TELMO_		CHAR(1)
TELBSNZ	What percentage of the total charge will be deducted as a business expense? CAPI Section 4 (S04A 7b)	NUM(4.2)
TELBSNZ_		CHAR(1)
QADBILLX	Total amount of telephone bill, adjusted for business Census derived	NUM(6)
QADB_LLX		CHAR(1)
TELRESD	Telephone service items included in bill CODED 1 Residential services CAPI Section 4 (S 04A 5)	CHAR(1)
TELRESD_		CHAR(1)
TELCELL	See TELRESD for question CODED 2 Mobile/cellular service CAPI Section 4 (S 04A 5)	CHAR(1)
TELCELL_		CHAR(1)
TELPAGER	See TELRESD for question CODED 3 Pager/beeper service CAPI Section 4 (S 04A 5)	CHAR(1)
TELP_GER		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)	CHAR(1)
TELL_CAL		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)	CHAR(1)
TELL_NGD		CHAR(1)
TELINTL	See TELRESD for question CODED	CHAR(1)

- 1 Yes, international long distance charges included
- 2 No, international long distance charges not included

CAPI Section 4 (S 04A 6a.3)

TELINTL_ CHAR(1)

TELSERV See TELRESD for question CHAR(1)
 CODED
 1 Yes, telephone related services included
 2 No, telephone related services not included

CAPI Section 4 (S 04A 6a.4)

TELSERV_ CHAR(1)

TELINSL See TELRESD for question CHAR(1)
 CODED
 1 Yes, installation or repair of telephone lines included
 2 No, installation or repair of telephone lines not included

CAPI Section 4 (S 04A 6a.5)

TELINSL_ CHAR(1)

TELPURCH See TELRESD for question CHAR(1)
 CODED
 1 Yes, telephone or pager purchases or rentals included
 2 No, telephone or pager purchases or rental not included

CAPI Section 4 (S 04A 6a.6)

TELP_RCH CHAR(1)

TINTNET See TELRESD for question CHAR(1)
 CODED
 1 Yes, internet access or data services included
 2 No, internet access or data services not included

CAPI Section 4 (S 04A 6a.7)

TINTNET_ CHAR(1)

TCABLE See TELRESD for question CHAR(1)
 CODED
 1 Yes, cable or satellite television services included
 2 No, cable or satellite television services not included

CAPI Section 4 (S 04A 6a.8)

TCABLE_ CHAR(1)

DSLISDN See TELRESD for question CHAR(1)
 CODED
 1 Yes, DSL or ISDN charges included
 2 No, DSL or ISDN charges not included

CAPI Section 4 (S 04A 6a.9)

DSLISDN_		CHAR(1)
NTRTPUR	See TELRESD for question CODED	CHAR(1)
	1 Yes, non-telephone related rentals or purchases included	
	2 No, non-telephone related rentals or purchases not included	

CAPI Section 4 (S 04A 6a.10)

NTRTPUR_		CHAR(1)
QADINETX	Total expense for internet access or data services, adjusted for business BLS derived	NUM(6)
QADI_ETX		CHAR(1)
QADCABLX	Total expense for cable or satellite television service, adjusted for business BLS derived	NUM(6)
QADC_BLX		CHAR(1)
QADDSLIX	Total expense for DSL or ISDN, adjusted for business BLS derived	NUM(6)
QADD_LIX		CHAR(1)
QADNTRPX	Total expense for non-telephone related rentals and purchases, adjusted for business BLS derived	NUM(6)
QADN_RPX		CHAR(1)
QADNTCHX	Total expense for non-telephone related services, adjusted for business BLS derived	NUM(6)
QADN_CHX		CHAR(1)
TELRESDX	Total expense for residential service, adjusted for business BLS derived	NUM(6)
TELR_SDX		CHAR(1)
TELCELLX	Total expense for mobile/cellular service, adjusted for business BLS derived	NUM(6)
TELC_LLX		CHAR(1)
TELPAGRX	Total expense for pager/beeper service, adjusted for business BLS derived	NUM(6)

TELP_GRX

CHAR(1)

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

PART B Additional Telephone Expenses (UTP)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
QFCD3MCX	Reference period total for pre-paid phone cards minus the current month BLS derived	NUM(6)
QFCD_MCX		CHAR(1)
QPYP3MCX	Reference period total for public pay phone services minus the current month BLS derived	NUM(6)
QPYP_MCX		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.

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	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	CHAR(3)

- 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) **[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 04C 2b)

VACUTLY_		CHAR(1)
VACUTMO	In what month was the bill received?	CHAR(2)
	CAPI Section 4 (S 04C 2c)	
VACUTMO_		CHAR(1)
VACUTLX	What was the total amount of the charges?	NUM(6)
	CAPI Section 4 (S 04C 2d)	
VACUTLX_		CHAR(1)
*VACUTL1	If VACUTLY = 900, then VACUTL1 will contain the first code mentioned of the multiple items indicated in VACUTLY	CHAR(3)
	CAPI Section 4 N(Y032)	
*VACUTL1_	N(Y032)	CHAR(1)
*VACUTL2	Same as VACUTL1, but contains the second item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*VACUTL2_	N(Y032)	CHAR(1)
*VACUTL3	Same as VACUTL1, but contains the third item mentioned	CHAR(3)

	CAPI Section 4 N(Y032)	
*VACUTL3_	N(Y032)	CHAR(1)
*VACUTL4	Same as VACUTL1, but contains the fourth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*VACUTL4_	N(Y032)	CHAR(1)
*VACUTL5	Same as VACUTL1, but contains the fifth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*VACUTL5_	N(Y032)	CHAR(1)
*VACUTL6	Same as VACUTL1, but contains the sixth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*VACUTL6_	N(Y032)	CHAR(1)
*VACUTL7	Same as VACUTL1, but contains the seventh item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*VACUTL7_	N(Y032)	CHAR(1)
*VACUTL8	Same as VACUTL1, but contains the eighth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*VACUTL8_	N(Y032)	CHAR(1)
*VACUTL9	Same as VACUTL1, but contains the ninth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*VACUTL9_	N(Y032)	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.

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*UTILY	Utility code CODED 100 Electricity 110 Natural 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 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 *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)]	CHAR(3)
	CAPI Section 4 (S 04D 1a)	
UTILY_		CHAR(1)
WHATPROP	What property were the charges for?	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 CHAR(1)

BLPERIOD What period of time was covered by the bill? CHAR(1)

CODED
 1 Month
 2 2 months
 3 Quarter
 4 Other

CAPI Section 4 (S 04D 3)

BLPE_IOD CHAR(1)

BILLMO In what month was the bill received? CHAR(2)

CAPI Section 4 (S 04D 7a)

BILLMO_ CHAR(1)

UTILCON What was the quantity consumed for this bill? NUM(6)

CAPI Section 4 (S 04D 7d)

UTILCON_ CHAR(1)

UTLUNIT What was the unit-of-measure, such as kilowatt hours, gallons, cubic feet or therms? CHAR(2)

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)

UTLUNIT_ CHAR(1)

*BILUSED Was a bill or other record used or was an estimate given? CHAR(1)
 Checks or checkbooks are not considered records.

	CODED	
	1 Records used	
	2 Estimate	
	S 04D 7g	
	D(Y032)	
*BILUSED_	D(Y032)	CHAR(1)
QFUELADZ	Percent of utility/fuel charge not attributable to business expenses and rooms rented to others	NUM(4.2)
	Census derived	
QFUE_ADZ		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	NUM(6)
	Census derived	
QADFULX_		CHAR(1)
UTLPTYPE	Property code CODED	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	
UTLP_YPE		CHAR(1)
*HAVEBILL	Did the respondent use a bill or statement? (Answer No if only checkbook records were used)	CHAR(1)
	1 Yes, bill or statement used	
	2 No, bill or statement not used.	
	CAPI Section 4	
	N(Y032)	
*HAVE_ILL	N(Y032)	CHAR(1)
*UTIL1	If UTILY = 900, then UTIL1 will contain the first code mentioned of the multiple items indicated in UTILY	CHAR(3)
	CAPI Section 4	
	N(Y032)	
*UTIL1_	N(Y032)	CHAR(1)
*UTIL2	Same as UTIL1, but contains the second item mentioned	CHAR(3)

	CAPI Section 4 N(Y032)	
*UTIL2_	N(Y032)	CHAR(1)
*UTIL3	Same as UTIL1, but contains the third item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*UTIL3_	N(Y032)	CHAR(1)
*UTIL4	Same as UTIL1, but contains the fourth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*UTIL4_	N(Y032)	CHAR(1)
*UTIL5	Same as UTIL1, but contains the fifth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*UTIL5_	N(Y032)	CHAR(1)
*UTIL6	Same as UTIL1, but contains the sixth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*UTIL6_	N(Y032)	CHAR(1)
*UTIL7	Same as UTIL1, but contains the seventh item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*UTIL7_	N(Y032)	CHAR(1)
*UTIL8	Same as UTIL1, but contains the eighth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*UTIL8_	N(Y032)	CHAR(1)
*UTIL9	Same as UTIL1, but contains the ninth item mentioned	CHAR(3)
	CAPI Section 4 N(Y032)	
*UTIL9_	N(Y032)	CHAR(1)

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

PART A Screening Questions (CRA)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	CHAR(3)
CRMC_DEA		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)	NUM(6)
ADVMATX_		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)	NUM(6)
MATN_PCX		CHAR(1)
*CRMCD A1	If CRMCODEA = 310, then CRMCD A1 will contain the first code mentioned of the multiple items indicated in CRMCODEA CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD A1_	N(Y032)	CHAR(1)
*CRMCD A2	Same as CRMCD A1, but contains the second item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD A2_	N(Y032)	CHAR(1)
*CRMCD A3	Same as CRMCD A1, but contains the third item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD A3_	N(Y032)	CHAR(1)
*CRMCD A4	Same as CRMCD A1, but contains the fourth item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD A4_	N(Y032)	CHAR(1)
*CRMCD A5	Same as CRMCD A1, but contains the fifth item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD A5_	N(Y032)	CHAR(1)
*CRMCD A6	Same as CRMCD A1, but contains the sixth item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD A6_	N(Y032)	CHAR(1)
*CRMCD A7	Same as CRMCD A1, but contains the seventh item mentioned CAPI Section 5 N(Y032)	CHAR(3)

*CRMCA7_	N(Y032)	CHAR(1)
*CRMCA8	Same as CRMCA1, but contains the eighth item mentioned	CHAR(3)
	CAPI Section 5 N(Y032)	
*CRMCA8_		CHAR(1)
*CRMCA9	Same as CRMCA1, but contains the ninth item mentioned	CHAR(3)
	CAPI Section 5 N(Y032)	
*CRMCA9_	N(Y032)	CHAR(1)

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

PART B Job Description (CRB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
CRMCODEB	Job code for jobs in progress or completed.	CHAR(3)
	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 (S05B 1)

CRMC_DEB CHAR(1)

CRMPROPI Property number 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 5 (S05B 2b)

CRMP_OPI CHAR(1)

CRMTYPE Job classification CHAR(1)

CODED

1 Addition

2 Alteration

3 Replacement

4 Maintenance and repair

5 New construction

CAPI Section 5 (S05B 3b)

CRMTYPE_ CHAR(1)

APPCDE1 Which of these items did the job include? CHAR(3)

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

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_		CHAR(1)
APPCDE2	See APPCDE1 for question, codes, and source.	CHAR(3)
APPCDE2_		CHAR(1)
APPCDE3	See APPCDE1 for question, codes, and source.	CHAR(3)
APPCDE3_		CHAR(1)
APPCDE4	See APPCDE1 for question, codes, and source.	CHAR(3)
APPCDE4_		CHAR(1)
APPCDE5	See APPCDE1 for question, codes, and source.	CHAR(3)
APPCDE5_		CHAR(1)
APPCDE6	See APPCDE1 for question, codes, and source.	CHAR(3)
APPCDE6_		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)	NUM(4.2)
REIM_RSZ		CHAR(1)
CRMBSNSZ	What percent of these expenses for this job was (will be) deducted as a business expense? CAPI Section 5 (S05B 11b)	NUM(4.2)
CRMB_NSZ		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	NUM(8)
QADLABX_		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	NUM(8)
QADL_B3X		CHAR(1)
QADLAB2X	Cost of labor, materials, appliances, and equipment provided by contractor for month, two months ago, adjusted for business and reimbursements	NUM(8)

	Census derived	
QADL_B2X		CHAR(1)
QADLAB1X	Cost of labor, materials, appliances, and equipment provided by contractor for month, one month ago, adjusted for business and reimbursements	NUM(8)
	Census derived	
QADL_B1X		CHAR(1)
QADEQPX1	Cost of appliance or equipment provided by contractor, referenced by APPCDE1, adjusted for business and reimbursements	NUM(9.2)
	Census derived	
QADE_PX1		CHAR(1)
QADEQPX2	Cost of appliance or equipment provided by contractor, referenced by APPCDE2, adjusted for business and reimbursements	NUM(9.2)
	Census derived	
QADE_PX2		CHAR(1)
QADEQPX3	Cost of appliance or equipment provided by contractor, referenced by APPCDE3, adjusted for business and reimbursements	NUM(9.2)
	Census derived	
QADE_PX3		CHAR(1)
QADEQPX4	Cost of appliance or equipment provided by contractor, referenced by APPCDE4, adjusted for business and reimbursements	NUM(9.2)
	Census derived	
QADE_PX4		CHAR(1)
QADEQPX5	Cost of appliance or equipment provided by contractor, referenced by APPCDE5, adjusted for business and reimbursements	NUM(9.2)
	Census derived	
QADE_PX5		CHAR(1)
QADEQPX6	Cost of appliance or equipment provided by contractor, referenced by APPCDE6, adjusted for business and reimbursements	NUM(9.2)

	Census derived	
QADE_PX6		CHAR(1)
QADPSP3X	Cost of materials, supplies, tools, or equipment purchased by CU in the month, three months ago, adjusted for business and reimbursement	NUM(8)
	Census derived	
QADP_P3X		CHAR(1)
QADPSP2X	Cost of materials, supplies, tools, or equipment purchased by CU in the month, two months ago, adjusted for business and reimbursement	NUM(8)
	Census derived	
QADP_P2X		CHAR(1)
QADPSPLX	Cost of materials, supplies, tools, or equipment purchased by CU in the month, one month ago, adjusted for business and reimbursement	NUM(8)
	Census derived	
QADP_PLX		CHAR(1)
QADRSP3X	Cost of tools or equipment rented by CU in the month, three months ago, adjusted for business and reimbursement	NUM(8)
	Census derived	
QADR_P3X		CHAR(1)
QADRSP2X	Cost of tools or equipment rented by CU in the month, two months ago, adjusted for business and reimbursement	NUM(8)
	Census derived	
QADR_P2X		CHAR(1)
QADRSP1X	Cost of tools or equipment rented by CU in the month, one month ago, adjusted for business and reimbursement	NUM(8)
	Census derived	
QADR_PLX		CHAR(1)
CRMPTYPE	Property code CODED	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 CHAR(1)

CRMCODE Detailed job codes 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_		CHAR(1)
*QADPSPTX	Total cost of supplies purchased by CU adjusted for business & reimbursement)	NUM(8)
	CAPI Section 5 N(Y032)	
*QADP_PTX	N(Y032)	CHAR(1)
*QADTLRX	Total cost of supplies rented by CU (adjusted for business & reimbursement)	NUM(8)
	CAPI Section 5 N(Y032)	
*QADTLRX_	N(Y032)	CHAR(1)
*CRMCDDB1	If CRMCODEB = 310, then CRMCDDB1 will contain the first code mentioned of the multiple items indicated in CRMCODEB	CHAR(3)
	CAPI Section 5 N(Y032)	
*CRMCDDB1_	N(Y032)	CHAR(1)
*CRMCDDB2	Same as CRMCDDB1, but contains the second item mentioned	CHAR(3)
	CAPI Section 5 N(Y032)	

*CRMCD2_	N(Y032)	CHAR(1)
*CRMCD3	Same as CRMCD1, but contains the third item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD3_	N(Y032)	CHAR(1)
*CRMCD4	Same as CRMCD1, but contains the fourth item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD4_	N(Y032)	CHAR(1)
*CRMCD5	Same as CRMCD1, but contains the fifth item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD5_	N(Y032)	CHAR(1)
*CRMCD6	Same as CRMCD1, but contains the sixth item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD6_	N(Y032)	CHAR(1)
*CRMCD7	Same as CRMCD1, but contains the seventh item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD7_	N(Y032)	CHAR(1)
*CRMCD8	Same as CRMCD1, but contains the eighth item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD8_	N(Y032)	CHAR(1)
*CRMCD9	Same as CRMCD1, but contains the ninth item mentioned CAPI Section 5 N(Y032)	CHAR(3)
*CRMCD9_	N(Y032)	CHAR(1)

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

PART A Purchase of Household Appliances (APA)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	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) *225 Combined Clothes washer and dryer (190, 200) [N(Y032)]	CHAR(3)
	CAPI Section 6 (S06A col. c)	
MAJA_PLY		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	CHAR(1)
	CAPI Section 6 (S06A col. d)	
GFTCOMAJ		CHAR(1)
MAJ_MO	When did you purchase it? CODED 01-12 January-December	CHAR(2)
	CAPI Section 6 (S06A col. e)	
MAJ_MO_		CHAR(1)
MAJPURX	What was the purchase price after any trade-in allowance?	NUM(6)
	CAPI Section 6 (S06A col. f)	

MAJPURX_		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)	NUM(6)
MAJR_NTX		CHAR(1)
MAJINSTX	How much were any extra charges for installation? CAPI Section 6 (S06A col. i)	NUM(6)
MAJI_STX		CHAR(1)
*MJAPPL1	If MAJAPPLY = 225, then MJAPPL1 will contain the first code mentioned of the multiple items indicated in MAJAPPLY CAPI Section 6 N(Y032)	CHAR(3)
*MJAPPL1_	N(Y032)	CHAR(1)
*MJAPPL2	Same as MJAPPL1, but contains the second item mentioned CAPI Section 6 N(Y032)	CHAR(3)
*MJAPPL2_	N(Y032)	CHAR(1)
*MJAPPL3	Same as MJAPPL1, but contains the third item mentioned CAPI Section 6 N(Y032)	CHAR(3)
*MJAPPL3_	N(Y032)	CHAR(1)
*MJAPPL4	Same as MJAPPL1, but contains the fourth item mentioned CAPI Section 6 N(Y032)	CHAR(3)
*MJAPPL4_	N(Y032)	CHAR(1)
*MJAPPL5	Same as MJAPPL1, but contains the fifth item mentioned CAPI Section 6 N(Y032)	CHAR(3)
*MJAPPL5_	N(Y032)	CHAR(1)
*MJAPPL6	Same as MJAPPL1, but contains the sixth item mentioned CAPI Section 6 N(Y032)	CHAR(3)

*MJAPPL6_	N(Y032)	CHAR(1)
*MJAPPL7	Same as MJAPPL1, but contains the seventh item mentioned	CHAR(3)
	CAPI Section 6 N(Y032)	
*MJAPPL7_	N(Y032)	CHAR(1)
*MJAPPL8	Same as MJAPPL1, but contains the eighth item mentioned	CHAR(3)
	CAPI Section 6 N(Y032)	
*MJAPPL8_	N(Y032)	CHAR(1)
*MJAPPL9	Same as MJAPPL1, but contains the ninth item mentioned	CHAR(3)
	CAPI Section 6 N(Y032)	
*MJAPPL9_	N(Y032)	CHAR(1)

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

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*MINAPPLY	Item code	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		CHAR(1)
GFTCMIN	Was this item purchased for own use, rented, or purchased as gift to others?	CHAR(1)
	CODED	
	1 Purchased for own use	
	2 Rented	
	3 Purchased for someone outside your CU	

CAPI Section 6 (S06B col. d)

GFTCMIN_		CHAR(1)
MIN_MO	When did you purchase it?	CHAR(2)
	CODED	

01-12 January-December

CAPI Section 6 (S06B col. e)

MIN_MO_ CHAR(1)

MINPURX What did this item cost? (Include delivery charges, exclude installation charges) NUM(6)

CAPI Section 6 (S06B col. f)

MINPURX_ CHAR(1)

MINRENTX What was the total rental expense since the 1st of (*month, 3 months ago*), excluding the current month? (GFTCMIN = 2 only)? NUM(6)

CAPI Section 6 (S06B col. g)

MINR_NTX CHAR(1)

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

CAPI Section 6
N(Y032)

*MNAPPL1_ **N(Y032)** CHAR(1)

*MNAPPL2 Same as MNAPPL1, but contains the second item mentioned CHAR(3)

CAPI Section 6
N(Y032)

*MNAPPL2_ **N(Y032)** CHAR(1)

*MNAPPL3 Same as MNAPPL1, but contains the third item mentioned CHAR(3)

CAPI Section 6
N(Y032)

*MNAPPL3_ **N(Y032)** CHAR(1)

*MNAPPL4 Same as MNAPPL1, but contains the fourth item mentioned CHAR(3)

CAPI Section 6
N(Y032)

*MNAPPL4_ **N(Y032)** CHAR(1)

*MNAPPL5 Same as MNAPPL1, but contains the fifth item mentioned CHAR(3)

CAPI Section 6
N(Y032)

*MNAPPL5_ **N(Y032)** CHAR(1)

*MNAPPL6	Same as MNAPPL1, but contains the sixth item mentioned CAPI Section 6 N(Y032)	CHAR(3)
*MNAPPL6_	N(Y032)	CHAR(1)
*MNAPPL7	Same as MNAPPL1, but contains the seventh item mentioned CAPI Section 6 N(Y032)	CHAR(3)
*MNAPPL7_	N(Y032)	CHAR(1)
*MNAPPL8	Same as MNAPPL1, but contains the eighth item mentioned CAPI Section 6 N(Y032)	CHAR(3)
*MNAPPL8_	N(Y032)	CHAR(1)
*MNAPPL9	Same as MNAPPL1, but contains the ninth item mentioned CAPI Section 6 N(Y032)	CHAR(3)
*MNAPPL9_	N(Y032)	CHAR(1)

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

PART B Household Equipment Repairs and Service Contracts (EQB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
RPAIRTYP	Identifier of cost as equipment repair or service contract CODED 1 Equipment repair 2 Service contract CAPI Section 7 (S07B col. b)	CHAR(1)
RPAI_TYP		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	CHAR(3)

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

CAPI Section 7 (S07B col. c)

APPR_RYB CHAR(1)

SRVCMOB In what month was (repair done/service contract purchased)? CHAR(2)

CAPI Section 7 (S07B col. d)

SRVCMOB_ CHAR(1)

REPAIRX What was the total cost? NUM(6)

CAPI Section 7 (S07B col. e)

REPAIRX_ CHAR(1)

*APPRPB1 If APPRPRYB = 900, then APPRPB1 will contain the first code mentioned of the multiple items indicated in APPRPRYB CHAR(3)

CAPI Section 7
N(Y032)

*APPRPB1_ **N(Y032)** CHAR(1)

*APPRPB2 Same as APPRPB1, but contains the second item mentioned CHAR(3)

CAPI Section 7
N(Y032)

*APPRPB2_ **N(Y032)** CHAR(1)

*APPRPB3 Same as APPRPB1, but contains the third item mentioned CHAR(3)

CAPI Section 7
N(Y032)

*APPRPB3_ **N(Y032)** CHAR(1)

*APPRPB4	Same as APPRPB1, but contains the fourth item mentioned CAPI Section 7 N(Y032)	CHAR(3)
*APPRPB4_	N(Y032)	CHAR(1)
*APPRPB5	Same as APPRPB1, but contains the fifth item mentioned CAPI Section 7 N(Y032)	CHAR(3)
*APPRPB5_	N(Y032)	CHAR(1)
*APPRPB6	Same as APPRPB1, but contains the sixth item mentioned CAPI Section 7 N(Y032)	CHAR(3)
*APPRPB6_	N(Y032)	CHAR(1)
*APPRPB7	Same as APPRPB1, but contains the seventh item mentioned CAPI Section 7 N(Y032)	CHAR(3)
*APPRPB7_	N(Y032)	CHAR(1)
*APPRPB8	Same as APPRPB1, but contains the eighth item mentioned CAPI Section 7 N(Y032)	CHAR(3)
*APPRPB8_	N(Y032)	CHAR(1)
*APPRPB9	Same as APPRPB1, but contains the ninth item mentioned CAPI Section 7 N(Y032)	CHAR(3)
*APPRPB9_	N(Y032)	CHAR(1)

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

PART A Purchases (FRA)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*FURNPURY	Item code CODED	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)
 *900 Combined expense (any item in section/part) **[N(Y032)]**

CAPI Section 8 (S08A col. c)

FURN_URY CHAR(1)

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

CAPI Section 8 (S08A col. d)

FURNMO_ CHAR(1)

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

FURNPURX What was the purchase price? 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 CHAR(3)

CAPI Section 8
N(Y032)

*FRNPRY1_ **N(Y032)** CHAR(1)

*FRNPRY2 Same as FRNPRY1, but contains the second item mentioned CHAR(3)

CAPI Section 8
N(Y032)

*FRNPRY2_ **N(Y032)** CHAR(1)

*FRNPRY3 Same as FRNPRY1, but contains the third item mentioned CHAR(3)

CAPI Section 8
N(Y032)

*FRNPRY3_ **N(Y032)** CHAR(1)

*FRNPRY4 Same as FRNPRY1, but contains the fourth item mentioned CHAR(3)

CAPI Section 8
N(Y032)

*FRNPRY4_	N(Y032)	CHAR(1)
*FRNPRY5	Same as FRNPRY1, but contains the fifth item mentioned CAPI Section 8 N(Y032)	CHAR(3)
*FRNPRY5_	N(Y032)	CHAR(1)
*FRNPRY6	Same as FRNPRY1, but contains the sixth item mentioned CAPI Section 8 N(Y032)	CHAR(3)
*FRNPRY6_	N(Y032)	CHAR(1)
*FRNPRY7	Same as FRNPRY1, but contains the seventh item mentioned CAPI Section 8 N(Y032)	CHAR(3)
*FRNPRY7_	N(Y032)	CHAR(1)
*FRNPRY8	Same as FRNPRY1, but contains the eighth item mentioned CAPI Section 8 N(Y032)	CHAR(3)
*FRNPRY8_	N(Y032)	CHAR(1)
*FRNPRY9	Same as FRNPRY1, but contains the ninth item mentioned CAPI Section 8 N(Y032)	CHAR(3)
*FRNPRY9_	N(Y032)	CHAR(1)

s. SECTION 8 HOMEFURNISHINGS AND RELATED HOUSEHOLD ITEMS

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
QFRT3MCX	Reference period total for furniture rental expense minus current month BLS derived	NUM(6)
QFRT_MCX		CHAR(1)

QREP3MCX Reference period total for furniture repair expense minus current month
BLS derived NUM(6)

QREP_MCX CHAR(1)

t. SECTION 9 CLOTHING AND SEWING MATERIALS

PART A Clothing (CLA)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	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 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)	CHAR(3)
CLOTHQA	How many of this item did you purchase? CAPI Section 9 (S09A col. e)	NUM(4)
CLOTHQA_		CHAR(1)
CLOTHMOA	In what month did you purchase it? CAPI Section 9 (S09A col. f)	CHAR(2)

CLOT_MOA		CHAR(1)
CLOTHXA	How much did it cost? CAPI Section 9 (S09A col. g)	NUM(6)
CLOTHXA_		CHAR(1)
AGE_SEXA	Age/sex code of person for whom clothing item was purchased 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	CHAR(1)
AGE_EXA		CHAR(1)
CLOGFTA	Identifier of purchase as gift or non-gift CODED 1 Gift 2 Non-gift BLS derived	CHAR(1)
CLOGFTA_		CHAR(1)
*CLOTHA1	If CLOTHYA = 900, then CLOTHA1 will contain the first code mentioned of the multiple items indicated in CLOTHYA CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHA1_	N(Y032)	CHAR(1)
*CLOTHA2	Same as CLOTHA1, but contains the second item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHA2_	N(Y032)	CHAR(1)
*CLOTHA3	Same as CLOTHA1, but contains the third item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHA3_	N(Y032)	CHAR(1)
*CLOTHA4	Same as CLOTHA1, but contains the fourth item mentioned CAPI Section 9 N(Y032)	CHAR(3)

*CLOTHA4_	N(Y032)	CHAR(1)
*CLOTHA5	Same as CLOTHA1, but contains the fifth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHA5_	N(Y032)	CHAR(1)
*CLOTHA6	Same as CLOTHA1, but contains the sixth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHA6_	N(Y032)	CHAR(1)
*CLOTHA7	Same as CLOTHA1, but contains the seventh item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHA7_	N(Y032)	CHAR(1)
*CLOTHA8	Same as CLOTHA1, but contains the eighth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHA8_	N(Y032)	CHAR(1)
*CLOTHA9	Same as CLOTHA1, but contains the ninth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHA9_	N(Y032)	CHAR(1)

u. SECTION 9 CLOTHING AND SEWING MATERIALS

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*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 -	CHAR(3)

- 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) **[N(Y032)]**

CAPI Section 9 (S09B col. c)

CLOTHYB_ CHAR(1)

CLOGFTB Was this item purchased for your CU or for someone outside of your CU? CHAR(1)

CODED

- 1 CU Member
- 2 Non-CU Member

CAPI Section 9 (S09B col. d)

CLOGFTB_ CHAR(1)

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

CAPI Section 9 (S09B col. e)

CLOTHQB_ CHAR(1)

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

CAPI Section 9 (S09B col. f)

CLOT_MOB CHAR(1)

CLOTHXB How much did it cost? NUM(6)

CAPI Section 9 (S09B col. g)

CLOTHXB_ CHAR(1)

AGE_SEXB Age/sex code of person for whom item was purchased CHAR(1)

CODED

- 5 Infant under 2 years
- Blank Purchases of watches, jewelry, hairpieces, wigs, and toupees

BLS derived

AGE__EXB CHAR(1)

*CLOTHB1	If CLOTHYB = 900, then CLOTHB1 will contain the first code mentioned of the multiple items indicated in CLOTHYB CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB1_	N(Y032)	CHAR(1)
*CLOTHB2	Same as CLOTHB1, but contains the second item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB2_	N(Y032)	CHAR(1)
*CLOTHB3	Same as CLOTHB1, but contains the third item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB3_	N(Y032)	CHAR(1)
*CLOTHB4	Same as CLOTHB1, but contains the fourth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB4_	N(Y032)	CHAR(1)
*CLOTHB5	Same as CLOTHB1, but contains the fifth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB5_	N(Y032)	CHAR(1)
*CLOTHB6	Same as CLOTHB1, but contains the sixth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB6_	N(Y032)	CHAR(1)
*CLOTHB7	Same as CLOTHB1, but contains the seventh item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB7_	N(Y032)	CHAR(1)
*CLOTHB8	Same as CLOTHB1, but contains the eighth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB8_	N(Y032)	CHAR(1)

*CLOTHB9	Same as CLOTHB1, but contains the ninth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*CLOTHB9_	N(Y032)	CHAR(1)

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

PART C Sewing Materials (CLC)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	CHAR(3)
SEWINGY_		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)	CHAR(1)
SEWGFTC_		CHAR(1)
SEWINGMO	In what month did you purchase it? CAPI Section 9 (S09C col. e)	CHAR(2)
SEWI_GMO		CHAR(1)
SEWINGX	How much did it cost? CAPI Section 9 (S09C col. f)	NUM(6)
SEWINGX_		CHAR(1)
*SEWING1	If SEWINGY = 440, then SEWING1 will contain the first code	CHAR(3)

mentioned of the multiple items indicated in SEWINGY

CAPI Section 9
N(Y032)

*SEWING1_ **N(Y032)** CHAR(1)

*SEWING2 Same as SEWING1, but contains the second item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*SEWING2_ **N(Y032)** CHAR(1)

*SEWING3 Same as SEWING1, but contains the third item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*SEWING3_ **N(Y032)** CHAR(1)

*SEWING4 Same as SEWING1, but contains the fourth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*SEWING4_ **N(Y032)** CHAR(1)

*SEWING5 Same as SEWING1, but contains the fifth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*SEWING5_ **N(Y032)** CHAR(1)

*SEWING6 Same as SEWING1, but contains the sixth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*SEWING6_ **N(Y032)** CHAR(1)

*SEWING7 Same as SEWING1, but contains the seventh item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*SEWING7_ **N(Y032)** CHAR(1)

*SEWING8 Same as SEWING1, but contains the eighth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*SEWING8_ **N(Y032)** CHAR(1)

*SEWING9	Same as SEWING1, but contains the ninth item mentioned CAPI Section 9 N(Y032)	CHAR(3)
*SEWING9_	N(Y032)	CHAR(1)

w. SECTION 9 CLOTHING AND SEWING MATERIALS

PART D Clothing Services (CLD)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	CHAR(3)
CLOTHYD_		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)	CHAR(1)
CLSV_FTC		CHAR(1)
CLOTHMOD	In what month did you purchase it? CAPI Section 9 (S09D col. e)	CHAR(2)
CLOT_MOD		CHAR(1)
CLSRVCX	How much did it cost? CAPI Section 9 (S09D col. f)	NUM(6)
CLSRVCX_		CHAR(1)
*CLOTHD1	If CLOTHYD = 500, then CLOTHD1 will contain the first code	CHAR(3)

mentioned of the multiple items indicated in CLOTHYD

CAPI Section 9
N(Y032)

*CLOTHD1_ **N(Y032)** CHAR(1)

*CLOTHD2 Same as CLOTHD1, but contains the second item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*CLOTHD2_ **N(Y032)** CHAR(1)

*CLOTHD3 Same as CLOTHD1, but contains the third item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*CLOTHD3_ **N(Y032)** CHAR(1)

*CLOTHD4 Same as CLOTHD1, but contains the fourth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*CLOTHD4_ **N(Y032)** CHAR(1)

*CLOTHD5 Same as CLOTHD1, but contains the fifth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*CLOTHD5_ **N(Y032)** CHAR(1)

*CLOTHD6 Same as CLOTHD1, but contains the sixth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*CLOTHD6_ **N(Y032)** CHAR(1)

*CLOTHD7 Same as CLOTHD1, but contains the seventh item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*CLOTHD7_ **N(Y032)** CHAR(1)

*CLOTHD8 Same as CLOTHD1, but contains the eighth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*CLOTHD8_ **N(Y032)** CHAR(1)

*CLOTHD9 Same as CLOTHD1, but contains the ninth item mentioned CHAR(3)

CAPI Section 9
N(Y032)

*CLOTHD9_ N(Y032) CHAR(1)

x. SECTION 10 RENTED AND LEASED VEHICLES

PART A.1 Screening Questions (RTV)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	CHAR(3)
RENT_ODE		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)	NUM(3,2)
BSNS_CTZ		CHAR(1)
QADRENTX	Amount paid for renting vehicle, adjusted for business Census derived	NUM(8)
QADR_NTX		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	CHAR(1)

CAPI Section 10 (S10A.1 3)

ANYV_CAT CHAR(1)

y. SECTION 10 RENTED AND LEASED VEHICLES

PART B Detailed Questions for Leased Vehicles (LSD)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
LSDNUM	Vehicle number CAPI Section 10 (S10B 1a)	CHAR(2)
LSDNUM_		CHAR(1)
LSDCODE	Vehicle code CODED 100 Automobile 110 Truck or van CAPI Section 10 (S10B 1b)	CHAR(3)
LSDCODE_		CHAR(1)
MODELYR	What is the year of the vehicle? CAPI Section 10 (S10B 2)	CHAR(4)
MODELYR_		CHAR(1)
*MODEL	What is the make and model of the vehicle? Census derived D(Y032)	CHAR(4)
*MODEL_	D(Y032)	CHAR(1)
NUMCYL	How many cylinders does it have? (0 if rotary, turbine, or electric) CAPI Section 10 (S10B 3)	NUM(2)
NUMCYL_		CHAR(1)
ANYAUTO	Does it have automatic transmission? CODED 1 Yes 2 No	CHAR(1)

	CAPI Section 10 (S10B 4a)	
ANYAUTO_		CHAR(1)
ANYSTEER	Does it have power steering? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 10 (S10B 4b)	
ANYS_EER		CHAR(1)
ANYBRAKE	Does it have power brakes? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 10 (S10B 4c)	
ANYB_AKE		CHAR(1)
ANYAC	Does it have air conditioning? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 10 (S10B 4d)	
ANYAC_		CHAR(1)
ANYROOF	Does it have a sun roof? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 10 (S10B 4e)	
ANYROOF_		CHAR(1)
ANYTURBO	Does it have a turbo charged engine? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 10 (S10B 4f)	
ANYT_RBO		CHAR(1)

ANYDIESL	Does it have a diesel engine? CODED 1 Yes 2 No CAPI Section 10 (S10B 4g)	CHAR(1)
ANYD_ESL		CHAR(1)
ANYWHEEL	Does it have four wheel drive? CODED 1 Yes 2 No CAPI Section 10 (S10B 4h)	CHAR(1)
ANYW_EEL		CHAR(1)
DOORS	How many doors does it have? (LSDCODE = 100 only) CAPI Section 10 (S10B 5a)	NUM(1)
DOORS_		CHAR(1)
TYPEVEH	Is it a . . . ? (LSDCODE = 100 only) CODED 1 Station wagon 2 Convertible 3 Hatchback 4 Other CAPI Section 10 (S10B 5b)	CHAR(1)
TYPEVEH_		CHAR(1)
PRCBSNSZ	What percent of the mileage is counted as a business expense? CAPI Section 10 (S10B 6b)	NUM(3,2)
PRCB_NSZ		CHAR(1)
MILESVEH	How many miles are currently on the vehicle? CAPI Section 10 (S10B 7)	NUM(6)
MILE_VEH		CHAR(1)
NEWUSED	Was it new or used when first leased? CODED 1 New 2 Used CAPI Section 10 (S10B 8)	CHAR(1)
NEWUSED_		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 CAPI Section 10 (S10B 9)	CHAR(1)
LSDS_URC		CHAR(1)
NUMPAY	What was the number of payments contracted for? CAPI Section 10 (S10B 10a)	NUM(3)
NUMPAY_		CHAR(1)
PMTMONTH	In what month was the first payment made? CAPI Section 10 (S10B 10b)	CHAR(2)
PMTM_NTH		CHAR(1)
PAYEXPX	What is the amount of each payment? CAPI Section 10 (S10B 10c)	NUM(4)
PAYEXPX_		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)	CHAR(1)
PAYTIME_		CHAR(1)
EMPLYEXP	How much of the leasing cost is paid by an employer? CAPI Section 10 (S10B 11)	NUM(8)
EMPL_EXP		CHAR(1)
TRADEEXP	How much was the trade-in allowance received? CAPI Section 10 (S10B 12)	NUM(8)
TRAD_EXP		CHAR(1)

DOWNEXP	How much was the cash down payment made? CAPI Section 10 (S10B 13a)	NUM(8)
DOWNEXP_		CHAR(1)
DNEMPEXP	How much of the cash down payment was paid by an employer? CAPI Section 10 (S10B 13b)	NUM(8)
DNEM_EXP		CHAR(1)
LSDENDMO	In what month was the lease terminated? CAPI Section 10 (S10B 14b)	CHAR(2)
LSDE_DMO		CHAR(1)
QADPMT1X	Amount paid for all leasing charges, adjusted for business, first month of reference period Census derived	NUM(8)
QADP_T1X		CHAR(1)
QADPMT2X	Amount paid for all leasing charges, adjusted for business, second month of reference period Census derived	NUM(8)
QADP_T2X		CHAR(1)
QADPMT3X	Amount paid for all leasing charges, adjusted for business, third month of reference period Census derived	NUM(8)
QADP_T3X		CHAR(1)
QEXTRA1X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, first month of reference period Census derived	NUM(8)
QEXT_A1X		CHAR(1)
QEXTRA2X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, second month of reference period Census derived	NUM(8)
QEXT_A2X		CHAR(1)

QEXTRA3X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, third month of reference period Census derived	NUM(8)
QEXT_A3X		CHAR(1)
QADDOWNX	Amount of cash down payment, adjusted for business Census derived	NUM(8)
QADD_WNX		CHAR(1)
QADFEEX	Amount of fees at termination of loan, adjusted for business Census derived	NUM(8)
QADFEEX_		CHAR(1)
*MKMDEL	Vehicle make and model CAPI Section 10 N(Y032)	CHAR(5)
*MKMDEL_	N(Y032)	CHAR(1)
*LSDENDYR	In what year was the lease terminated? CAPI Section 10 N(Y032)	CHAR(4)
*LSDE_DYR	N(Y032)	CHAR(1)

z. SECTION 11 OWNED VEHICLES

PART B Detailed Questions (OVB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
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	CHAR(3)

cycle
200 Any other vehicle

CAPI Section 11 (S11B 1b)

VEHICYB_ CHAR(1)

VEHICYR What is the year of the vehicle? CHAR(2)

CODED

- 01 ≤ 1969
- 02 1970-1974
- 03 1975-1979
- 04 1980-1982
- 05 1983-1985
- 06 1986
- 07 1987
- 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_ CHAR(1)

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

Census derived
D(Y032)

*MKMDLY_ **D(Y032)** CHAR(1)

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

CAPI Section 11 (S11B 4)

CYLQ_ CHAR(1)

AUTOTRAN Does it have automatic transmission? CHAR(1)

CODED

- 1 Yes
- 2 No

CAPI Section 11 (S11B 5a)

AUTO_RAN		CHAR(1)
PWRSTEER	Does it have power steering? CODED 1 Yes 2 No CAPI Section 11 (S11B 5b)	CHAR(1)
PWRS_EER		CHAR(1)
PWRBRAKE	Does it have power brakes? CODED 1 Yes 2 No CAPI Section 11 (S11B 5c)	CHAR(1)
PWRB_AKE		CHAR(1)
AIRCAR	Does it have air conditioning? CODED 1 Yes 2 No CAPI Section 11 (S11B 5d)	CHAR(1)
AIRCAR_		CHAR(1)
SUNROOF	Does it have a sun roof? CODED 1 Yes 2 No CAPI Section 11 (S11B 5e)	CHAR(1)
SUNROOF_		CHAR(1)
TURBOCHG	Does it have a turbo charged engine? CODED 1 Yes 2 No CAPI Section 11 (S11B 5f)	CHAR(1)
TURB_CHG		CHAR(1)
DIESEL	Does it have a diesel engine? CODED 1 Yes 2 No CAPI Section 11 (S11B 5g)	CHAR(1)
DIESEL_		CHAR(1)

FRWHLDRV	Does it have four wheel drive? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 11 (S11B 5h)	
FRWH_DRV		CHAR(1)
NUMDOOR	How many doors does it have? (VEHICYB = 100 only)	NUM(1)
	CAPI Section 11 (S11B 6a)	
NUMDOOR_		CHAR(1)
AUTOTYPE	Is it a . . . ? (VEHICYB = 100 only) CODED 1 Station wagon 2 Convertible 3 Hatchback 4 Other	CHAR(1)
	CAPI Section 11 (S11B 6b)	
AUTO_YPE		CHAR(1)
VEHBSNZ	What percent of the mileage is counted as a business expense?	NUM(4.2)
	CAPI Section 11 (S11B 7b)	
VEHBSNZ_		CHAR(1)
VEHNEWU	Was it new or used when acquired? CODED 1 New 2 Used	CHAR(1)
	CAPI Section 11 (S11B 8)	
VEHNEWU_		CHAR(1)
VPURSRCE	Was this vehicle purchased from . . . ? (Seller) CODED 1 Vehicle dealership 2 Private individual 3 Other	CHAR(1)
	CAPI Section 11 (S11B 9)	
VPUR_RCE		CHAR(1)
VEHGFTC	Was this vehicle . . . ? CODED 1 Purchased for own use 2 Purchased as gift to person outside CU	CHAR(1)

3 Received as gift

CAPI Section 11 (S11B 10a)

VEHGFTC_		CHAR(1)
VEHPURMO	In what month was it purchased?	CHAR(2)
	CAPI Section 11 (S11B 11)	
VEHP_RMO		CHAR(1)
VEHPURYR	In what year was it purchased?	CHAR(4)
	CAPI Section 11 (S11B 11)	
VEHP_RYR		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?	CHAR(1)
	CODED	
	1 Paid off	
	2 Remaining payments	
	CAPI Section 11 (S11B 12b)	
VFIN_TAT		CHAR(1)
TRADEX	How much was the trade-in allowance received?	NUM(6)
	CAPI Section 11 (S11B 13b)	
TRADEX_		CHAR(1)
NETPURX	What was the amount paid for it after trade-in allowance and discount?	NUM(6)
	CAPI Section 11 (S11B 13c)	
NETPURX_		CHAR(1)
EMPLEXPX	How much of the amount or price was paid by an employer?	NUM(6)
	CAPI Section 11 (S11B 13f)	
EMPL_XPX		CHAR(1)
DNPAYMTX	What was the amount of the cash down payment? (VFINSTAT = 2 only)	NUM(6)
	CAPI Section 11 (S11B 14)	
DNPA_MTX		CHAR(1)
FIN_INST	What was the source of credit? (VFINSTAT = 2 only)	CHAR(1)

CODED

- 1 Auto dealer
- 2 Finance company
- 3 Bank
- 4 Credit union
- 5 Insurance company
- 6 Individual
- 7 Other

CAPI Section 11 (S11B 15a)

FIN__NST CHAR(1)

PRINCIPX How much was borrowed, excluding any interest? NUM(6)

CAPI Section 11 (S11B 15c)

PRIN_IPX CHAR(1)

VEHQPMT What was the number of payments contracted for? NUM(4)

CAPI Section 11 (S11B 15d)

VEHQPMT_ CHAR(1)

PMT1MO In what month was the first payment made? CHAR(2)

CAPI Section 11 (S11B 15e)

PMT1MO_ CHAR(1)

PMT1YR In what year was the first payment made? CHAR(4)

CAPI Section 11 (S11B 15e)

PMT1YR_ CHAR(1)

PAYMENTX What is the amount of each payment? NUM(4)

CAPI Section 11 (S11B 15f)

PAYM_NTX CHAR(1)

PMTPERD What period is covered by each payment? CHAR(1)

CODED

- 1 Week
- 2 2 weeks
- 3 Month
- 4 Quarter
- 5 Semiannually
- 6 Annually
- 7 Other

CAPI Section 11 (S11B 15g)

PMTPERD_ 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)	NUM(6)
EXTR_HGX		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	NUM(5.4)
QINT_STZ		CHAR(1)
	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. $QVINTMiX = QBALNMiX * (QINTRSTZ/12)$ $QVPRIMiX = PAYMENTX - QVINTMiX$	
QLOANM1Q	Number of months since the inception of loan as of first month of reference period BLS derived	NUM(4)
QLOA_M1Q		CHAR(1)
QBALNM1X	Principal balance outstanding at the beginning of first month of	NUM(8)

	reference period	
	BLS derived	
QBAL_M1X		CHAR(1)
QVINTM1X	Amount of interest paid during first month of reference period	NUM(8)
	BLS derived	
QVIN_M1X		CHAR(1)
QVPRIM1X	Amount of principal paid during first month of reference period	NUM(8)
	BLS derived	
QVPR_M1X		CHAR(1)
QLOANM2Q	Number of months since the inception of loan as of second month of reference period	NUM(4)
	BLS derived	
QLOA_M2Q		CHAR(1)
QBALNM2X	Principal balance outstanding at the beginning of second month of reference period	NUM(8)
	BLS derived	
QBAL_M2X		CHAR(1)
QVINTM2X	Amount of interest paid during second month of reference period	NUM(8)
	BLS derived	
QVIN_M2X		CHAR(1)
QVPRIM2X	Amount of principal paid during second month of reference period	NUM(8)
	BLS derived	
QVPR_M2X		CHAR(1)
QLOANM3Q	Number of months since the inception of loan as of third month of reference period	NUM(4)
	BLS derived	
QLOA_M3Q		CHAR(1)
QBALNM3X	Principal balance outstanding at the beginning of second month of reference period	NUM(8)
	BLS derived	

QBAL_M3X		CHAR(1)
QVINTM3X	Amount of interest paid during third month of reference period BLS derived	NUM(8)
QVIN_M3X		CHAR(1)
QVPRIM3X	Amount of principal paid during third month of reference period BLS derived	NUM(8)
QVPR_M3X		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	NUM(8)
QTRADEX_		CHAR(1)
QREIMBRZ	Percent of cost paid by employer after trade-in allowance (EMPLEXPX/NETPURX) Census derived	NUM(4.2)
QREI_BRZ		CHAR(1)
QADITR1X	Amount of interest paid during first month of reference period, adjusted for business (QVINTM1X * (1-QREIMBRZ)) BLS derived	NUM(8)
QADI_R1X		CHAR(1)
QADITR2X	Amount of interest paid during second month of reference period, adjusted for business (QVINTM2X * (1-QREIMBRZ)) BLS derived	NUM(8)
QADI_R2X		CHAR(1)
QADITR3X	Amount of interest paid during third month of reference period, adjusted for business (QVINTM3X * (1-QREIMBRZ)) BLS derived	NUM(8)

QADI_R3X		CHAR(1)
QDNPYMTX	Amount of down payment, adjusted for business (DNPAYMTX * (1-QREIMBRZ)) Census derived	NUM(6)
QDNP_MTX		CHAR(1)
VEHMILE	How many miles are currently on the vehicle? (VEHICYB = 100-120, 150 only) CAPI Section 11 (S11B 10b)	NUM(6)
VEHMILE_		CHAR(1)
VEHEQTLN	Was the source of credit a home equity loan? (FIN_INST = 2, 3, 4 only) CODED 1 Yes 2 No CAPI Section 11 (S11B 15b)	CHAR(1)
VEHE_TLN		CHAR(1)
VEHICIB	Vehicle number CAPI Section 11 (S11B 1a)	CHAR(2)
VEHICIB_		CHAR(1)
*MKMODEL	Vehicle make and model CAPI Section 11 N(Y032)	CHAR(5)
*MKMODEL_		CHAR(1)
*NOOPTION	Vehicle has no listed options '1' = Yes '2' = No CAPI Section 11 N(Y032)	CHAR(1)
*NOOP_ION		CHAR(1)
*DKOPTION	Don't know which options '1' = Yes '2' = No CAPI Section 11 N(Y032)	CHAR(1)
*DKOP_ION		CHAR(1)

*VFINANCE Was any portion of the vehicle price financed? CHAR(1)
 '1' = Vehicle was financed
 '2' = Vehicle not financed

CAPI Section 11
 N(Y032)

aa. **SECTION 11 OWNED VEHICLES**

PART C Disposal of Vehicles (OVC)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	CHAR(3)
VEHICYC_		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)	CHAR(1)
VEHDISP_		CHAR(1)
VDISPMO	In what month was it disposed of? CAPI Section 11 (S11C 2b)	CHAR(2)
VDISPMO_		CHAR(1)

SALEX	How much did you sell it for? (VEHDISP = 1 only) CAPI Section 11 (S11C 3)	NUM(6)
SALEX_		CHAR(1)
REIMBURX	How much did you receive for the vehicle? (VEHDISP = 4 or 5 only) CAPI Section 11 (S11C 4b)	NUM(6)
REIM_URX		CHAR(1)
EXREIMBX	How much will you receive for the vehicle? (VEHDISP = 4 or 5 only) CAPI Section 11 (S11C 4d)	NUM(6)
EXRE_MBX		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)	CHAR(1)
LOAN_TAT		CHAR(1)
FINPAYMX	How much was the final payment made on any outstanding loan? CAPI Section 11 (S11C 5c)	NUM(6)
FINP_YMX		CHAR(1)
VEHICIC	Vehicle number CAPI Section 11 (S11C 1a)	CHAR(2)
VEHICIC_		CHAR(1)

bb. SECTION 12 VEHICLE OPERATING EXPENSES

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
VOPVEHYA	Which vehicle was the item for? CODED 100 Automobile	CHAR(3)

- 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)

VOPV_HYA CHAR(1)

VOPMOA In what month did you have this expense? CHAR(2)

CAPI Section 12 (S12A col. f)

VOPMOA_ CHAR(1)

VOPEXPX What was the total cost? NUM(6)

CAPI Section 12 (S12A col. g)

VOPEXPX_ CHAR(1)

VOPRMBXA How much was (will be) reimbursed? NUM(6)

CAPI Section 12 (S12A col. j)

VOPR_BXA CHAR(1)

QVOPEQPX Amount paid for vehicle equipment or maintenance less reimbursements NUM(8)

If VOPRMBXA is present:

$$QVOPEQPX = VOPEXPX - VOPRMBXA$$

Else:

$$\text{If VOPREIMA} = 1 \text{ then } QVOPEQPX = 0$$

$$\text{If VOPREIMA} = 2 \text{ then } QVOPEQPX = VOPEXPX * .6$$

$$\text{If VOPREIMA} = 3 \text{ then } QVOPEQPX = VOPEXPX * .5$$

$$\text{If VOPREIMA} = 4 \text{ then } QVOPEQPX = VOPEXPX$$

Census derived

QVOP_QPX CHAR(1)

*VOPSERVY Item code CHAR(3)

CODED

100 Oil change, lubrication, and oil filter

110 Motor tune-up

120 Brake work

130 Battery purchase and installation

140 Tire purchases and mounting

- 150 Tire repair
- 160 Front end alignment, wheel balancing, and wheel rotation
- 170 Steering or front end work
- 180 Electrical system work
- 190 Engine repair or replacement
- 200 Air conditioning work
- 210 Engine cooling system work
- 300 Exhaust system work
- 310 Clutch or transmission work
- 320 Body work and painting
- 330 Shock absorber replacement
- 340 Drive shaft or rear-end work
- 350 Audio equipment and installation
- 360 Vehicle accessories and customization
- 370 Other vehicle services, parts, and equipment
- 500 Combined expenses (100-370)

CODED

*115 Combined oil change/lube/filter and motor tune-up (100, 110) **[N(Y032)]**

CAPI Section 12 (S12A col. c)

VOPS_RVY CHAR(1)

VOPLABOR Did this expense include labor? CHAR(1)

CODED

- 1 Yes
- 2 No

CAPI Section 12 (S12A col. d)

VOPL_BOR CHAR(1)

VOPREIMB Has (Will) any of this expense been (be) reimbursed? CHAR(1)

CODED

- 1 Yes
- 2 No

CAPI Section 12 (S12A col. i)

VOPR_IMB CHAR(1)

*VPSRVY1 If VOPSERVY = 500, then VPSRVY1 will contain the first code mentioned of the multiple items indicated in VOPSERVY CHAR(3)

CAPI Section 12
N(Y032)

*VPSRVY1_ **N(Y032)** CHAR(1)

*VPSRVY2 Same as VPSRVY1, but contains the second item mentioned CHAR(3)

CAPI Section 12

	N(Y032)	
*VPSRVY2_	N(Y032)	CHAR(1)
*VPSRVY3	Same as VPSRVY1, but contains the third item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VPSRVY3_	N(Y032)	CHAR(1)
*VPSRVY4	Same as VPSRVY1, but contains the fourth item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VPSRVY4_	N(Y032)	CHAR(1)
*VPSRVY5	Same as VPSRVY1, but contains the fifth item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VPSRVY5_	N(Y032)	CHAR(1)
*VPSRVY6	Same as VPSRVY1, but contains the sixth item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VPSRVY6_	N(Y032)	CHAR(1)
*VPSRVY7	Same as VPSRVY1, but contains the seventh item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VPSRVY7_	N(Y032)	CHAR(1)
*VPSRVY8	Same as VPSRVY1, but contains the eighth item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VPSRVY8_	N(Y032)	CHAR(1)
*VPSRVY9	Same as VPSRVY1, but contains the ninth item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VPSRVY9_	N(Y032)	CHAR(1)

cc. **SECTION 12 VEHICLE OPERATING EXPENSES**

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
VOPREGY	Item code CODED 400 Driver's license 410 Vehicle inspection 415 State vehicle registration 425 Local vehicle registration 430 Combined expenses (400 - 425)	CHAR(3)
	CAPI Section 12 (S12B col. c)	
VOPREGY_		CHAR(1)
VOPMO_C	In what month did you have this expense?	CHAR(2)
	CAPI Section 12 (S12B col. d)	
VOPMO_C_		CHAR(1)
VOPREGX	What was the total amount of this expense?	NUM(4)
	CAPI Section 12 (S12B col. e)	
VOPREGX_		CHAR(1)
*VOPRGY1	If VOPREGY = 430, then VOPRGY1 will contain the first code mentioned of the multiple items indicated in VOPREGY	CHAR(3)
	CAPI Section 12 N(Y032)	
*VOPRGY1_	N(Y032)	CHAR(1)
*VOPRGY2	Same as VOPRGY1, but contains the second item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VOPRGY2_	N(Y032)	CHAR(1)
*VOPRGY3	Same as VOPRGY1, but contains the third item mentioned	CHAR(3)
	CAPI Section 12 N(Y032)	
*VOPRGY3_	N(Y032)	CHAR(1)

*VOPRGY4	Same as VOPRGY1, but contains the fourth item mentioned CAPI Section 12 N(Y032)	CHAR(3)
*VOPRGY4_	N(Y032)	CHAR(1)
*VOPRGY5	Same as VOPRGY1, but contains the fifth item mentioned CAPI Section 12 N(Y032)	CHAR(3)
*VOPRGY5_	N(Y032)	CHAR(1)
*VOPRGY6	Same as VOPRGY1, but contains the sixth item mentioned CAPI Section 12 N(Y032)	CHAR(3)
*VOPRGY6_	N(Y032)	CHAR(1)
*VOPRGY7	Same as VOPRGY1, but contains the seventh item mentioned CAPI Section 12 N(Y032)	CHAR(3)
*VOPRGY7_	N(Y032)	CHAR(1)
*VOPRGY8	Same as VOPRGY1, but contains the eighth item mentioned CAPI Section 12 N(Y032)	CHAR(3)
*VOPRGY8_	N(Y032)	CHAR(1)
*VOPRGY9	Same as VOPRGY1, but contains the ninth item mentioned CAPI Section 12 N(Y032)	CHAR(3)
*VOPRGY9_	N(Y032)	CHAR(1)

dd. SECTION 12 VEHICLE OPERATING EXPENSES

PART C Other Vehicle Operating Expenses (VOT)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	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	NUM(5)

purchases for vehicles used entirely for business.

CAPI Section 12 (S12C 3b)

VOPF_UDX CHAR(1)

VOPPARKX NUM(5)
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)

VOPP_RKX CHAR(1)

VOPTOWX NUM(5)
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)

VOPTOWX_ CHAR(1)

VOPDOCKX NUM(5)
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)

VOPD_CKX CHAR(1)

VOPPLCYX NUM(5)
Since the 1st of (*month, 3 months ago*), excluding (*this month*), 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)

VOPP_CYX CHAR(1)

TANKGASX NUM(6)
Since the 1st of (*month, 3 months ago*), excluding (*this month*), how much were expenses for bottled or tank gas for recreational vehicles, including vans, campers, and boats?

CAPI Section 12 (S12C 6b)

TANK_ASX CHAR(1)

QBSNSEPZ NUM(4.2)
Percent of expenses for gasoline and other fuels counted as business expense

Census derived

QBSN_EPZ CHAR(1)

QOIL3MCX	Amount paid for oil, other than oil included with purchase of oil change, during the reference period Census derived	NUM(8)
QOIL_MCX		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	NUM(8)
JGAS_XQV		CHAR(1)
JDIESXQV	Quarterly expenditure on diesel fuel to operate automobiles, trucks, motorcycles, or any other vehicles, adjusted for business BLS derived	NUM(8)
JDIE_XQV		CHAR(1)
VOPCLUBX	Expense for automobile service clubs CA PI Section 12 (S12C 5d)	NUM(5)
VOPC_UBX		CHAR(1)

ee. SECTION 13 INSURANCE OTHER THAN HEALTH

PART B Detailed Questions (INB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
POLICYIB	Policy number CAPI Section 13 (S13B 1a)	CHAR(2)
POLI_YIB		CHAR(1)
PLCYSTAB	Policy discontinued CODED 1 Discontinued CAPI Section 13 (S13B 1b)	CHAR(1)
PLCY_TAB		CHAR(1)
POLICYIB	What type of insurance is (was) it?	CHAR(3)

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)

POLI_YYB		CHAR(1)
INSPRPY1	Property(ies) policy covers? (PROP_NOB from Section 3, Part B) (POLICYB = 300 or 500 only)	CHAR(2)

CAPI Section 13 (S13B 5b)

INSP_PY1		CHAR(1)
INSPRPY2	See INSPRPY1 for question and source.	CHAR(2)
INSP_PY2		CHAR(1)
INSPRPY3	See INSPRPY1 for question and source.	CHAR(2)
INSP_PY3		CHAR(1)
INSPRPY4	See INSPRPY1 for question and source.	CHAR(2)
INSP_PY4		CHAR(1)
INSPRPY5	See INSPRPY1 for question and source.	CHAR(2)
INSP_PY5		CHAR(1)
INSPRPY6	See INSPRPY1 for question and source.	CHAR(2)
INSP_PY6		CHAR(1)
PREMPAID	Are the policy premiums paid . . .? (Payer)	CHAR(1)
	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)

PREM_AID		CHAR(1)
PAYDEDPR	Are any premiums paid through payroll deductions? (PREMPAID = 1 or 2 only)	CHAR(1)
	CODED	

- 1 Yes
- 2 No

CAPI Section 13 (S13B 6b)

PAYD_DPR CHAR(1)

PREMPERD How often are premiums on this policy paid? (PREMPAID = 1 or 2 only) CHAR(1)

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)

PREM_ERD 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.) NUM(4.2)

$$QINSRDDZ = \text{SUM}(1\text{-VEHBSNZ})/n$$

Census derived

QINS_DDZ 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.) NUM(4.2)

$$QPROPDDZ = \text{SUM}(1\text{-OBSNSZB})/n$$

Census derived

QPRO_DDZ 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.) NUM(4.2)

$$QRTINDDZ = \text{SUM}(1\text{-RTBSNSZ})/n$$

Census derived

QRTI_DDZ CHAR(1)

QVH3MCMX Amount paid in premiums for automobile or other vehicle insurance, adjusted for business, during reference period NUM(8)

	Census derived	
QVH3_CMX		CHAR(1)
QPR3MCMX	Amount paid in premiums for homeowner's and fire and extended coverage insurance, adjusted for business, during reference period	NUM(8)
	Census derived	
QPR3_CMX		CHAR(1)
QTN3MCMX	Amount paid in premiums for tenant's insurance, adjusted for business, during reference period	NUM(8)
	Census derived	
QTN3_CMX		CHAR(1)
QLIFCMX	Amount paid in premiums for life insurance or other policies which provide benefits in case of death during reference period	NUM(8)
	Census derived	
QLIFCMX_		CHAR(1)
QOTHCMX	Amount paid in premiums for other types of non-health insurance during reference period	NUM(8)
	Census derived	
QOTHCMX_		CHAR(1)
INSPTYPE	Property code for insurance 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 owned property	CHAR(1)
	BLS derived	
INSP_YPE		CHAR(1)

ff. SECTION 14 HOSPITALIZATION AND HEALTH INSURANCE

PART B Detailed Questions (IHB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
HHIPDLIB	Policy number CAPI Section 14 (S 14B 1a)	CHAR(2)
HHIP_LIB		CHAR(1)
HHISTATB	Policy discontinued CODED 1 Discontinued CAPI Section 14 (S14B 1b)	CHAR(1)
HHIS_ATB		CHAR(1)
HHICOVQ	How many CU Members are covered by this policy? 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)	NUM(2)
HHICOVQ_		CHAR(1)
HHIGROUP	Was the policy obtained on an individual or group basis? CODED 1 Individually obtained 2 Group through place of employment 3 Group through other organization CAPI Section 14 (S14B 5)	CHAR(1)
HHIG_OUP		CHAR(1)
HHIPRMPD	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)	CHAR(1)
HHIP_MPD		CHAR(1)
HHIPRDED	Are any of the premiums paid through payroll deductions?	CHAR(1)

	(HHIPRMPD = 1 or 2 only)	
	CODED	
	1 Yes	
	2 No	
	CAPI Section 14 (S14B Q7)	
HHIP_DED		CHAR(1)
HHIRPMPD	What period of time is covered by the regular payment? (HHIPRMPD = 1 or 2 only)	CHAR(1)
	CODED	
	1 Week	
	2 2 weeks	
	3 Month	
	4 Quarter	
	5 6 months	
	6 Year	
	7 Other	
	CAPI Section 14 (S14B Q8b)	
HHIR_MPD		CHAR(1)
QHI3MCX	Amount paid for health insurance premiums during the reference period	NUM(8)
	Census derived	
QHI3MCX_		CHAR(1)
*HHIBCBS	Is insurance company Blue Cross/Blue Shield?	CHAR(1)
	CODED	
	1 Yes	
	2 No	
	CAPI Section 14 (S14B 2)	
HHIBCBS_		CHAR(1)
HHICODE	What type of insurance plan is it?	CHAR(1)
	CODED	
	1 Health maintenance organization	
	2 Fee for service plan	
	3 Commercial Medicare supplement	
	4 Other special purpose plan	
	CAPI Section 14 (S14B 4a)	
HHICODE_		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)	CHAR(1)
	CODED	

- 1 Yes
- 2 No

CAPI Section 14 (S14B 4b)

HHIPOS_ CHAR(1)

HHIFEET Is this fee for service plan a - ? (HHICODE = 2 only) CHAR(1)
 CODED
 1 Traditional Fee for Service Plan
 2 Preferred Provider Option Plan

CAPI Section 14 (S14B 4c)

HHIFEET_ CHAR(1)

HHISPECT Is this special purpose insurance plan - ? (HHICODE = 4 only) CHAR(1)
 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)

HHIS_ECT 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)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	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	CHAR(1)
	CAPI Section 14 (S14C 1a)	
HHMC_ENR		CHAR(1)
HHMCRCOV	How many Members of your CU are covered by Medicare? (HHMCRENR = 1 only)	NUM(2)

CAPI Section 14 (S14C 1b)

HHMC_COV		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>	CHAR(1)
	CODED	
	1 Yes	
	2 No	

CAPI Section 14 (S14C 2a)

MDCDENR_		CHAR(1)
MDCDCOV	How many Members of your CU are covered by Medicaid? (MDCDENR = 1 ONLY)	NUM(2)

CAPI Section 14 (S14C 2b)

MDCDCOV_		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?	CHAR(1)
	CODED	
	1 Yes	
	2 No	

CAPI Section 14 (S14C 3)

OTHPLAN_		CHAR(1)
QCUMED1X	CU's combined Medicare cost in month 1?	NUM(9.2)
	Census derived	
QCUM_D1X		CHAR(1)
QCUMED2X	CU's combined Medicare cost in month 2?	NUM(9.2)
	Census derived	
QCUM_D2X		CHAR(1)
QCUMED3X	CU's combined Medicare cost in month 3?	NUM(9.2)
	Census derived	
QCUM_D3X		CHAR(1)

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

PART B Payments For Medical Expenses (MDB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*MEDPCARY	Item code (Payment) 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 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)]	CHAR(3)
	S15B col. a	
MEDP_ARY		CHAR(1)
MEDPGFTC	Was the person who received the care a CU Member? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 15 (S15B col. b)	
MEDP_FTC		CHAR(1)
MEDPMTMO	In what month was (were) the payment(s) made?	CHAR(2)
	CAPI Section 15 (S15B col. c)	
MEDP_TMO		CHAR(1)

MEDPMTX	What was the amount of the payment? CAPI Section 15 (S15B col. d)	NUM(8)
MEDPMTX_		CHAR(1)
*MEDPCY1	If MEDPCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDPCARY CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY1_	N(Y032)	CHAR(1)
*MEDPCY2	Same as MEDPCY1, but contains the second item mentioned CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY2_	N(Y032)	CHAR(1)
*MEDPCY3	Same as MEDPCY1, but contains the third item mentioned CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY3_	N(Y032)	CHAR(1)
*MEDPCY4	Same as MEDPCY1, but contains the fourth item mentioned CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY4_	N(Y032)	CHAR(1)
*MEDPCY5	Same as MEDPCY1, but contains the fifth item mentioned CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY5_	N(Y032)	CHAR(1)
*MEDPCY6	Same as MEDPCY1, but contains the sixth item mentioned CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY6_	N(Y032)	CHAR(1)
*MEDPCY7	Same as MEDPCY1, but contains the seventh item mentioned CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY7_	N(Y032)	CHAR(1)

*MEDPCY8	Same as MEDPCY1, but contains the eighth item mentioned CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY8_	N(Y032)	CHAR(1)
*MEDPCY9	Same as MEDPCY1, but contains the ninth item mentioned CAPI Section 15 N(Y032)	CHAR(3)
*MEDPCY9_	N(Y032)	CHAR(1)

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

PART D Reimbursements For Medical Expenses (MDC)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*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 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)]	CHAR(3)

	CAPI Section 15 (S15D col. a)	
MEDR_ARY		CHAR(1)
MEDRGFTC	Was the person who received the care a CU Member? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 15 (S15D col. b)	
MEDR_FTC		CHAR(1)
MEDRMBMO	In what month was (were) the reimbursement(s) received?	CHAR(2)
	CAPI Section 15 (S15D col. c)	
MEDR_BMO		CHAR(1)
MEDRMBX	What was the amount of the reimbursement?	NUM(8)
	CAPI Section 15 (S15D col. d)	
MEDRMBX_		CHAR (1)
*MEDRCY1	If MEDRCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDRCARY	CHAR(3)
	CAPI Section 15 N(Y032)	
*MEDRCY1_	N(Y032)	CHAR(1)
*MEDRCY2	Same as MEDRCY1, but contains the second item mentioned	CHAR(3)
	CAPI Section 15 N(Y032)	
*MEDRCY2_	N(Y032)	CHAR(1)
*MEDRCY3	Same as MEDRCY1, but contains the third item mentioned	CHAR(3)
	CAPI Section 15 N(Y032)	
*MEDRCY3_	N(Y032)	CHAR(1)
*MEDRCY4	Same as MEDRCY1, but contains the fourth item mentioned	CHAR(3)
	CAPI Section 15 N(Y032)	
*MEDRCY4_	N(Y032)	CHAR(1)
*MEDRCY5	Same as MEDRCY1, but contains the fifth item mentioned	CHAR(3)

	CAPI Section 15 N(Y032)	
*MEDRCY5_	N(Y032)	CHAR(1)
*MEDRCY6	Same as MEDRCY1, but contains the sixth item mentioned	CHAR(3)
	CAPI Section 15 N(Y032)	
*MEDRCY6_	N(Y032)	CHAR(1)
*MEDRCY7	Same as MEDRCY1, but contains the seventh item mentioned	CHAR(3)
	CAPI Section 15 N(Y032)	
*MEDRCY7_	N(Y032)	CHAR(1)
*MEDRCY8	Same as MEDRCY1, but contains the eighth item mentioned	CHAR(3)
	CAPI Section 15 N(Y032)	
*MEDRCY8_	N(Y032)	CHAR(1)
*MEDRCY9	Same as MEDRCY1, but contains the ninth item mentioned	CHAR(3)
	CAPI Section 15 N(Y032)	
*MEDRCY9_	N(Y032)	CHAR(1)

jj. SECTION 16 EDUCATIONAL EXPENSES (EDA)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*EDUC_AY	Item code	CHAR(3)
	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) **[N(Y032)]**

CAPI Section 16 (S16 col. b)

EDUC_AY_ CHAR(1)

EDUCGFTC Who was the educational expense for? CHAR(2)

CODED

- 01-98 CU Member (MEMINO from MEMI file)
- 99 Someone outside CU

CAPI Section 16 (S16 col. d)

EDUC_FTC CHAR(1)

EDSCHL_A What kind of school was it? CHAR(1)

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)

EDSC_L_A CHAR(1)

EDMONTHA In what month was the payment made? CHAR(2)

CAPI Section 16 (S16 col. f)

EDMO_THA CHAR(1)

EDREIMBX How much of the payment was or will be reimbursed? NUM(8)

CAPI Section 16 (S16 col. i)

EDRE_MBX CHAR(1)

JEDUCNET Net amount paid for educational expenses during reference period NUM(8)

BLS derived

JEDU_NET CHAR(1)

*EDUC_A1	If EDUC_AY = 380, then EDUC_A1 will contain the first code mentioned of the multiple items indicated in EDUC_AY CAPI Section 16 N(Y032)	CHAR(3)
*EDUC_A1_	N(Y032)	CHAR(1)
*EDUC_A2	Same as EDUC_A1, but contains the second item mentioned CAPI Section 16 N(Y032)	CHAR(3)
*EDUC_A2_	N(Y032)	CHAR(1)
*EDUC_A3	Same as EDUC_A1, but contains the third item mentioned CAPI Section 16 N(Y032)	CHAR(3)
*EDUC_A3_	N(Y032)	CHAR(1)
*EDUC_A4	Same as EDUC_A1, but contains the fourth item mentioned CAPI Section 16 N(Y032)	CHAR(3)
*EDUC_A4_	N(Y032)	CHAR(1)
*EDUC_A5	Same as EDUC_A1, but contains the fifth item mentioned CAPI Section 16 N(Y032)	CHAR(3)
*EDUC_A5_	N(Y032)	CHAR(1)
*EDUC_A6	Same as EDUC_A1, but contains the sixth item mentioned CAPI Section 16 N(Y032)	CHAR(3)
*EDUC_A6_	N(Y032)	CHAR(1)
*EDUC_A7	Same as EDUC_A1, but contains the seventh item mentioned CAPI Section 16 N(Y032)	CHAR(3)
*EDUC_A7_	N(Y032)	CHAR(1)
*EDUC_A8	Same as EDUC_A1, but contains the eighth item mentioned CAPI Section 16 N(Y032)	CHAR(3)

*EDUC_A8_	N(Y032)	CHAR(1)
*EDUC_A9	Same as EDUC_A1, but contains the ninth item mentioned	CHAR(3)
	CAPI Section 16 N(Y032)	
*EDUC_A9_	N(Y032)	CHAR(1)

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

PART A Subscriptions and Memberships (SUB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	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)	CHAR(3)
S17C_DEA		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)	CHAR(1)
S17G_TCA		CHAR(1)
QSUB3MCX	Amount paid for subscriptions and Memberships during reference period Census derived	NUM(8)

QSUB_MCX

CHAR(1)

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

PART B Books and Entertainment Expenses (ENT)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
QPSF3MCX	Amount paid in fees for participating in sports such as tennis, golf, bowling, or swimming during the reference period Census derived	NUM(8)
QPSF_MCX		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	NUM(8)
QSSF_MCX		CHAR(1)
QEAD3MCX	Amount paid for single admissions to entertainment activities such as movies, plays, operas, or concerts during the reference period Census derived	NUM(8)
QEAD_MCX		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	NUM(8)
QBK3_CMX		CHAR(1)
QMG3MCMX	Amount paid for magazines not included in a subscription during the reference period Census derived	NUM(8)
QMG3_CMX		CHAR(1)
QNEW3MCX	Amount paid for single copies of newspapers (non-subscription) during the reference period	NUM(8)

	Census derived	
QNEW_MCX		CHAR(1)
QREC3MCX	Amount paid for compact discs, audio tapes, needles, or records other than through a mail-order club during the reference period	NUM(8)
	Census derived	
QREC_MCX		CHAR(1)
QFLM3MCX	Amount paid for photographic film during the reference period	NUM(8)
	Census derived	
QFLM_MCX		CHAR(1)
QFLP3MCX	Amount paid for film processing during the reference period	NUM(8)
	Census derived	
QFLP_MCX		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	NUM(8)
	Census derived	
QPVD_MCX		CHAR(1)
QRVD3MCX	Amount paid for rental of video cassettes, video tapes, or video discs during the reference period	NUM(8)
	Census derived	
QRVD_MCX		CHAR(1)

mm. SECTION 18 TRIPS AND VACATIONS (TRV)

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*TYPETRIP	Trip type CODED 1 Visit relatives or friends 2 Business 3 Sightseeing, sports, etc.	CHAR(1)

	4 Any other	
	5 Day trips	
	S18A col. c	
	D(Y032)	
*TYPE_RIP	D(Y032)	CHAR(1)
WHATPART	In what part of Section 18 of the questionnaire were trip expenses recorded?	CHAR(1)
	CODED	
	1 Part B	
	2 Part C	
	BLS derived	
WHAT_ART		CHAR(1)
TRIPIDBC	Trip identification number	NUM(2)
	CAPI Section 18 (S18B/C 1a)	
TRIP_DBC		CHAR(1)
NUMSAME	Number of identical trips	NUM(2)
	S18B/C 1c	
NUMSAME_		CHAR(1)
EOTRIPMO	Month ended	CHAR(2)
	CODED	
	01-12 January-December	
	13 Trip not yet ended	
	CAPI Section 18 (S18B/C 1d)	
EOTR_PMO		CHAR(1)
NUMNIGHT	How many nights did you (or any Members of your CU) spend away from home on this trip?	NUM(3)
	CAPI Section 18 (S18B/C 1g)	
NUMN_GHT		CHAR(1)
FOODDEAL	Did the package deal include food and beverages?	CHAR(1)
	CODED	
	1 Yes	
	2 No	
	CAPI Section 18 (S18B/C 2b)	
FOOD_EAL		CHAR(1)
LODGDEAL	Did the package deal include lodging?	CHAR(1)

	CODED 1 Yes 2 No	
	CAPI Section 18 (S18B/C 2b)	
LODG_EAL		CHAR(1)
TRANDEAL	Did the package deal include transportation? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 18 (S18B/C 2b)	
TRAN_EAL		CHAR(1)
ELSEDEAL	Did the package deal include anything else? CODED 1 Yes 2 No	CHAR(1)
	CAPI Section 18 (S18B/C 2b)	
ELSE_EAL		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.)	CHAR(2)
	CAPI Section 18 (S18B/C 3a)	
CMLO_ALY		CHAR(1)
CMPLANEY	See CMLOCALY for question and source. CODED 02 Commercial airplane	CHAR(2)
CMPL_NEY		CHAR(1)
CMTRAINY	See CMLOCALY for question and source. CODED 03 Train	CHAR(2)
CMTR_INY		CHAR(1)
CMBUSY	See CMLOCALY for question and source. CODED 04 Bus	CHAR(2)
CMBUSY_		CHAR(1)
CMSHIPY	See CMLOCALY for question and source.	CHAR(2)

	CODED 05 Ship	
CMSHIPY_		CHAR(1)
RTCARY	See CMLOCALY for question and source. CODED 06 Rented car or jeep	CHAR(2)
RTCARY_		CHAR(1)
RTTRUCKY	See CMLOCALY for question and source. CODED 07 Rented truck or van	CHAR(2)
RTTR_CKY		CHAR(1)
RTMOPEDY	See CMLOCALY for question and source. CODED 08 Rented motorcycle or moped	CHAR(2)
RTMO_EDY		CHAR(1)
RTPLANEY	See CMLOCALY for question and source. CODED 09 Rented private plane	CHAR(2)
RTPL_NEY		CHAR(1)
RTBOATY	See CMLOCALY for question and source. CODED 10 Rented boat or trailer	CHAR(2)
RTBOATY_		CHAR(1)
RTCAMPY	See CMLOCALY for question and source. CODED 11 Rented camper	CHAR(2)
RTCAMPY_		CHAR(1)
RTOTHERY	See CMLOCALY for question and source. CODED 12 Other rented vehicles	CHAR(2)
RTOT_ERY		CHAR(1)
PVCARY	See CMLOCALY for question and source. CODED 13 Car owned by CU	CHAR(2)
PVCARY_		CHAR(1)
PVLEASEY	See CMLOCALY for question and source. CODED 14 Vehicle leased by CU	CHAR(2)

PVLE_SEY		CHAR(1)
PVOTHERY	See CMLOCALY for question and source. CODED 15 Other vehicle owned by CU	CHAR(2)
PVOT_ERY		CHAR(1)
PVELSEY	See CMLOCALY for question and source. CODED 16 Vehicle owned by someone else	CHAR(2)
PVELSEY_		CHAR(1)
PVTRANSY	See CMLOCALY for question and source. CODED 17 Other transport	CHAR(2)
PVTR_NSY		CHAR(1)
CMLOCALX	Amount spent for local transportation (taxi, etc.) BLS derived	NUM(8)
CMLO_ALX		CHAR(1)
CMPLANEX	Amount spent for commercial airplanes BLS derived	NUM(8)
CMPL_NEX		CHAR(1)
CMTRAINX	Amount spent for trains BLS derived	NUM(8)
CMTR_INX		CHAR(1)
CMBUSX	Amount spent for buses BLS derived	NUM(8)
CMBUSX_		CHAR(1)
CMSHIPX	Amount spent for ships BLS derived	NUM(8)
CMSHIPX_		CHAR(1)
RTCARX	Amount spent for rented cars or jeeps not including gas you (or any Members of your CU) bought BLS derived	NUM(8)
RTCARX_		CHAR(1)

RTTRUCKX	Amount spent for rented trucks or vans not including gas you (or any Members of your CU) bought BLS derived	NUM(8)
RTTR_CKX		CHAR(1)
RTMOPEDX	Amount spent for rented motorcycles or mopeds not including gas you (or any Members of your CU) bought BLS derived	NUM(8)
RTMO_EDX		CHAR(1)
RTPLANEX	Amount spent for rented private planes not including gas you (or any Members of your CU) bought BLS derived	NUM(8)
RTPL_NEX		CHAR(1)
RTBOATX	Amount spent for rented boats or trailers not including gas you (or any Members of your CU) bought BLS derived	NUM(8)
RTBOATX_		CHAR(1)
RTCAMPX	Amount spent for rented campers not including gas you (or any Members of your CU) bought BLS derived	NUM(8)
RTCAMPX_		CHAR(1)
RTOTHERX	Amount spent for other rented vehicles not including gas you (or any Members of your CU) bought BLS derived	NUM(8)
RTOT_ERX		CHAR(1)
GASOILX	How much did you (or any Members of your CU) spend for gasoline, oil, diesel fuel, or any other fuels? CAPI Section 18 (S18B/C 5b)	NUM(8)
GASOILX_		CHAR(1)
TRPTOLLX	How much did you (or any Members of your CU) spend for tolls? CAPI Section 18 (S18B/C 5d)	NUM(6)
TRPT_LLX		CHAR(1)

PARKINGX	How much did you (or any Members of your CU) spend for parking fees? CAPI Section 18 (S18B/C 5f)	NUM(8)
PARK_NGX		CHAR(1)
LDGCOSTX	Cost for hotels, motels, cottages, trailer camps, or other lodging, including taxes and tips BLS derived	NUM(8)
LDGC_STX		CHAR(1)
TRPALCHX	Cost for alcoholic beverages at restaurants, bars, or fast food places, including taxes and tips BLS derived	NUM(6)
TRPA_CHX		CHAR(1)
TRPALCGX	What was the cost for alcoholic beverages at grocery stores, convenience stores, or liquor stores, including taxes? S18B/C 8d	NUM(8)
TRPA_CGX		CHAR(1)
TRPSPTX	Amount paid to rent sports equipment BLS derived	NUM(6)
TRPS_RTX		CHAR(1)
TRSPORTX	Amount paid in fees to play sports or exercise BLS derived	NUM(6)
TRSP_RTX		CHAR(1)
TRPETRTX	Amount spent for entertainment or admissions BLS derived	NUM(6)
TRPE_RTX		CHAR(1)
TRMISCX	How much were expenses for souvenirs, passports, tourist booklets, and so on? CAPI Section 18 (S18B/C 12b)	NUM(6)
TRMISCX_		CHAR(1)
FOODOUTS	Did the trip expenses include anything for food and beverages for anyone outside your CU? CODED	CHAR(1)

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

QTRGLAX_

CHAR(1)

nn. **SECTION 18 TRIPS AND VACATIONS**

PART D 100% Reimbursed Trips (TRD)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
NUMYUPD	Number of trips ENTIRELY paid for by NON-CU Members CAPI Section 18 (S18D 1)	NUM(2)
NUMYUPD_		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)	NUM(8)
TOTY_PDX		CHAR(1)
TOTYUPDY	Type of expense paid by CU CODED 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	CHAR(3)
TOTY_PDY		CHAR(1)

oo. **SECTION 18 TRIPS AND VACATIONS**

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	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)	NUM(2)
NUMN_NCU		CHAR(1)
TRNONCUX	What was the total amount that you (your CU) paid for that trip (those trips)? BLS derived	NUM(8)
TRNO_CUX		CHAR(1)
TRNONCUY	Type of expense paid for non-CU Members CODED 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	CHAR(3)
TRNO_CUY		CHAR(1)

pp. **SECTION 18 TRIPS AND VACATIONS**

PART F Local Overnight Stays (TRF)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
NUMLOC	How many nights did you (or any Members of your CU) spend away from home on this stay? CAPI Section 18 (S18F 2)	NUM(2)
NUMLOC_		CHAR(1)
LOCLODGX	Cost for hotels, motels, cottages, trailer camps, or other lodging, including taxes and tips BLS derived	NUM(8)
LOCL_DGX		CHAR(1)
ALCMEALX	Cost for alcoholic beverages at restaurants, bars, or fast food places, including taxes and tips BLS derived	NUM(8)
ALCM_ALX		CHAR(1)
ALCGROCX	What was the cost for alcoholic beverages at grocery stores, convenience stores, or liquor stores, including taxes? CAPI Section 18 (S18F 6d)	NUM(8)
ALCG_OCX		CHAR(1)
LOCADMSX	Amount paid for entertainment or admissions BLS derived	NUM(8)
LOCA_MSX		CHAR(1)
FOODLCDL	Did the package deal include anything for food and beverages? CODED 1 Yes 2 No CAPI Section 18 (S18F 3b)	CHAR(1)
FOOD_CD_L		CHAR(1)
LODGLCDL	Did the package deal include anything for lodging? CODED 1 Yes	CHAR(1)

2 No

CAPI Section 18 (S18F 3b)

LODG_CDL CHAR(1)

ENTRLCDL Did the package deal include anything for entertainment? CHAR(1)
CODED
1 Yes
2 No

CAPI Section 18 (S18F 3b)

ENTR_CDL CHAR(1)

ELSELCDL Did the package deal include anything for anything else? CHAR(1)
CODED
1 Yes
2 No

CAPI Section 18 (S18F 3b)

ELSE_CDL CHAR(1)

QLCMLAX Cost of meals, snacks, or drinks at restaurants, bars, or fast food NUM(8)
places, excluding alcoholic beverages

Census derived

QLCMLAX_ CHAR(1)

QLCGLAX Cost of food or beverages at grocery stores, convenience stores, NUM(8)
or liquor stores, excluding alcoholic beverages

Census derived

QLCGLAX_ CHAR(1)

qq. SECTION 19 MISCELLANEOUS EXPENSES

Part A Miscellaneous Expenses (MIS)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*MISCCODE	Item code CODED 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	CHAR(3)

- 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)]

	CAPI Section 19 (S 19A col. c)	
MISC_ODE		CHAR(1)
MISCMO	In what month did you have this expense?	CHAR(2)
	CODED	
	01-12 January-December	
	13 Continuous expense	
	CAPI Section 19 (S 19A col. d)	
MISCMO_		CHAR(1)
MISCGFTC	Was this expense for your CU or someone outside of your CU?	CHAR(1)
	CODED	
	1 For CU	
	2 For someone outside your CU	
	CAPI Section 19 (S 19A col. e)	
MISC_FTC		CHAR(1)
MISCEXPX	What was the total amount of the expense?	NUM(6)

CAPI Section 19 (S 19A col. f)

MISC_XPX		CHAR(1)
*MISCDE1	If MISCCODE = 265 or 345, then MISCDE1 will contain the first code mentioned of the multiple items indicated in MISCCODE	CHAR(3)
	CAPI Section 19 N(Y032)	
*MISCDE1_	N(Y032)	CHAR(1)
*MISCDE2	Same as MISCDE1, but contains the second item mentioned	CHAR(3)
	CAPI Section 19 N(Y032)	
*MISCDE2_	N(Y032)	CHAR(1)
*MISCDE3	Same as MISCDE1, but contains the third item mentioned	CHAR(3)
	CAPI Section 19 N(Y032)	
*MISCDE3_	N(Y032)	CHAR(1)
*MISCDE4	Same as MISCDE1, but contains the fourth item mentioned	CHAR(3)
	CAPI Section 19 N(Y032)	
*MISCDE4_	N(Y032)	CHAR(1)
*MISCDE5	Same as MISCDE1, but contains the fifth item mentioned	CHAR(3)
	CAPI Section 19 N(Y032)	
*MISCDE5_	N(Y032)	CHAR(1)
*MISCDE6	Same as MISCDE1, but contains the sixth item mentioned	CHAR(3)
	CAPI Section 19 N(Y032)	
*MISCDE6_	N(Y032)	CHAR(1)
*MISCDE7	Same as MISCDE1, but contains the seventh item mentioned	CHAR(3)
	CAPI Section 19 N(Y032)	
*MISCDE7_	N(Y032)	CHAR(1)

*MISCDE8	Same as MISCDE1, but contains the eighth item mentioned CAPI Section 19 N(Y032)	CHAR(3)
*MISCDE8_	N(Y032)	CHAR(1)
*MISCDE9	Same as MISCDE1, but contains the ninth item mentioned CAPI Section 19 N(Y032)	CHAR(3)
*MISCDE9_	N(Y032)	CHAR(1)

rr. **SECTION 19 MISCELLANEOUS EXPENSES**

Part B Contributions (CNT)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
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)	CHAR(3)
CONT_ODE		CHAR(1)
CONTMO	CODED 01-12 month of payment/contribution 13 continuing expense CAPI Section 19 (S 19B 1d)	CHAR(2)
CONTMO_		CHAR(1)
CONTEXPX	Amount of contribution CAPI Section 19 (S 19B 1e)	NUM(8)
CONT_XPX		CHAR(1)

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

PART A Food and Beverages (XPA)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
JMKPURQV	Quarterly expenditure at the grocery store or supermarket BLS derived	NUM(8)
JMKP_RQV		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	NUM(8)
JNON_DQV		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 BLS derived	NUM(8)
JOTH_TQV		CHAR(1)
JBRWINQV	Quarterly expenditure for beer and wine to be served at home BLS derived	NUM(8)
JBRW_NQV		CHAR(1)
JOTHALQV	Quarterly expenditure for other alcoholic beverages to be served at home BLS derived	NUM(8)
JOTH_LQV		CHAR(1)
JDINEOQV	Quarterly expenditure for dinners, other meals, or snacks in restaurants, cafeterias, cafes, drive-ins, or other such places BLS derived	NUM(8)
JDIN_OQV		CHAR(1)
JALOUTQV	Quarterly expenditure for any alcoholic beverages in restaurants, taverns, or cocktail lounges	NUM(8)

	BLS derived	
JALO_TQV		CHAR(1)
JBRDQV	Quarterly expenditure for board not received in a boarding house	NUM(8)
	BLS derived	
JBRDQV_		CHAR(1)
JMLPAYQV	Quarterly value of any free meals at work as part of your pay	NUM(8)
	BLS derived	
JMLP_YQV		CHAR(1)
JMEALPYA	Annual value of any free meals at work as part of your pay (JMLPAYQV * 4)	NUM(8)
	BLS derived	
JMEA_PYA		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)	NUM(8)
	BLS derived	
JSCH_LQV		CHAR(1)
JMKGRCQV	Quarterly expenditure for food and nonalcoholic beverages at the grocery store or supermarket (JMKPURQV - JNONFDQV)	NUM(8)
	BLS derived	
JMKG_CQV		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.)	CHAR(1)
	CODED	
	1 Yes	
	2 No	
	CAPI Section 20 (S 20A 7)	
FREE_OOD		CHAR(1)

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

PART B Selected Services and Goods (XPB)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
OTHLNDRX	What was the cost for coin-operated laundry or dry cleaning machines for items other than clothes? CAPI Section 20 (S 20B 1d)	NUM(5)
OTHL_DRX		CHAR(1)
OTHDCLNX	What was the cost for items other than clothes sent to the dry cleaners or laundry? CAPI Section 20 (S 20B 2d)	NUM(4)
OTHD_LNX		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)	NUM(3)
SAFD_STX		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)	NUM(4)
TXLIMX_		CHAR(1)
JLDRYNET	Cost for coin-operated laundry or dry cleaning machines for clothing items BLS derived	NUM(8)
JLDR_NET		CHAR(1)
JDRYCNET	Cost for services at the dry cleaners or laundry for clothing items BLS derived	NUM(8)
JDRY_NET		CHAR(1)
JCIGARQV	Quarterly expenditure for cigarettes BLS derived	NUM(8)

JCIG_RQV		CHAR(1)
JOTBACQV	Quarterly expenditure for cigars, pipe tobacco, or other tobaccos, including chewing tobacco	NUM(8)
	BLS derived	
JOTB_CQV		CHAR(1)
JBNKSCQV	Quarterly charges for checking accounts or other banking services	NUM(8)
	BLS derived	
JBNK_CQV		CHAR(1)
JTRANWQV	Usual quarterly cost of mass transit to go to work	NUM(8)
	BLS derived	
JTRA_WQV		CHAR(1)
JTRANSQV	Usual quarterly cost of mass transit to go to school	NUM(8)
	BLS derived	
JTRA_SQV		CHAR(1)
JTRANOQV	Usual quarterly cost of mass transit to go to other places	NUM(8)
	BLS derived	
JTRA_OQV		CHAR(1)
HAIRX	Quarterly expense for haircuts, styling, and other related services	NUM(6)
	CAPI Section 20 (S 20B 4)	
HAIRX_		CHAR(1)

uu. **SECTION 21 CREDIT LIABILITY**

PART A.1 Credit Balances - Second Quarter Only (FN2)
 (Data collected in second interview and carried forward)

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
*CREDITR1	Credit source item code CODED	CHAR(3)
	*100 Revolving credit accounts, including store, gasoline, and general purpose credit cards, such as Sears, Amoco, Visa, MasterCard, etc. D(Y032)	
	*200 Stores for installment credit accounts D(Y032)	
	*300 Banks and savings and loan companies D(Y032)	
	*400 Credit unions D(Y032)	
	*500 Finance companies D(Y032)	
	*600 Insurance companies D(Y032)	
	*700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance D(Y032)	
	*800 Other credit sources D(Y032)	
	*110 Gas credit cards, such as AMOCO or EXXON N(Y032)	
	*120 Store credit cards, such as those issued by department, specialty , electronics or sporting goods stores N(Y032)	
	*130 Major credit cards, such as VISA, Master Card, American Express, or revolving credit accounts N(Y032)	
	*200 Store installment credit accounts N(Y032)	
	*510 Financial institutions, such as banks, brokerages, savings and loans, credit unions, or insurance companies (Do not include insurance premium payments) N(Y032)	
	*700 Doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance N(Y032)	
	*800 Other credit, such as school loans, personal loans, or loans from retirement plans N(Y032)	
	CAPI Section 21 (S21A.1 col. b)	
CRED_TR1		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)	NUM(8)
	CAPI Section 21 (S21A.1 col. d)	
CRED_TX1		CHAR(1)

vv. **SECTION 21 CREDIT LIABILITY**

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

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

OWEM_NEY

CHAR(1)

ww. SECTION 21 CREDIT LIABILITY

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

The variables QYEAR, NEWID, SEQNO, ALCNO and REC_ORIG that are common to all sections of EXPN are not displayed here. Descriptions of these variables can be found in Section 1.

VARIABLE	ITEM DESCRIPTION	FORMAT
-----------------	-------------------------	---------------

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)	NUM(6)
-----------	---	--------

S21B.S a
D(Y032)

*CRDC_RDX	D(Y032)	CHAR(1)
-----------	----------------	---------

INSTALLX	During the past 12 months, how much was paid for finance, interest and late charges to stores for installment credit accounts?	NUM(6)
----------	--	--------

CAPI Section 21 (S21B.S b)

INST_LLX		CHAR(1)
----------	--	---------

*BANKX	During the past 12 months, how much was paid for finance, interest and late charges to banks and savings and loans?	NUM(6)
--------	---	--------

S21B.S c
D(Y032)

*BANKX_	D(Y032)	CHAR(1)
---------	----------------	---------

*CDUNIONX	During the past 12 months, how much was paid for finance, interest and late charges to credit unions?	NUM(6)
-----------	---	--------

S21B.S d
D(Y032)

*CDUN_ONX	D(Y032)	CHAR(1)
-----------	----------------	---------

*FININT	During the past 12 months, how much was paid for finance, interest and late charges to finance companies?	NUM(6)
---------	---	--------

S21B.S e

	D(Y032)	
*FININT_	D(Y032)	CHAR(1)
*INSUREX	During the past 12 months, how much was paid for finance, interest and late charges to insurance companies?	NUM(6)
	S21B.S f D(Y032)	
*INSUREX_	D(Y032)	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?	NUM(6)
	CAPI Section 21 (S21B.S g)	
MEDI_ALX		CHAR(1)
PDOTHERX	During the past 12 months, how much was paid for finance, interest and late charges to other credit sources?	NUM(6)
	CAPI Section 21 (S21B.S h)	
PDOT_ERX		CHAR(1)
*GASCARDX	Amount of interest charges, finance charges, or late fees paid to gasoline credit cards in the past 12 months.	NUM(6)
	CAPI Section 21 N(Y032)	
*GASC_RDX	N(Y032)	CHAR(1)
*STRCARDX	Amount of interest charges, finance charges, or late fees paid to store credit cards in the past 12 months.	NUM(6)
	CAPI Section 21 N(Y032)	
*STRC_RDX	N(Y032)	CHAR(1)
*MAJCARDX	Total amount paid for finance, interest, or late charges to major credit cards or other revolving credit accounts.	NUM(6)
	CAPI Section 21 N(Y032)	
*MAJC_RDX	N(Y032)	CHAR(1)
*FININSTX	Amount of interest charges, finance charges, or late fees paid to financial institutions in the past 12 months.	NUM(6)
	CAPI Section 21	

N(Y032)

*FINI_STX N(Y032) CHAR(1)

6. **PROCESSING FILES**

a. **Istub file**

X:\Programs\lstub2003.txt

The lstub file shows the aggregation scheme used in the published consumer expenditure tables. It is formatted as follows:

DESCRIPTION	FORMAT
Type: represents whether information in this line contains aggregation data or not	CHAR(1)
Level: aggregation level (lowest number is highest level of aggregation)	CHAR(1)
Title: title of the line item	CHAR(60)
UCC: UCC number in the MTBI or ITBI file	CHAR(6)
Survey: Indicates survey source (I = interview, G = Aggregated item)	CHAR(1)
Group: Indicates if the item is and expenditure, income, or asset	CHAR(7)

Note: this file is an internal BLS file used for processing expenditures. It has other information that may be ignored by users of the public use data.

b. **UCC file**

X:\INTRVW02\UCCI03.TXT

The UCC file contains UCCs and their abbreviated titles, identifying the expenditure, income, or demographic item represented by each UCC. It is formatted as follows:

DESCRIPTION	FORMAT
UCC	CHAR(6)
UCC title	CHAR(50)

(See Section XIII.A. EXPENDITURE UCCS ON MTBI FILE and XIII.B. INCOME AND RELATED UCCS ON ITBI FILE for a list of UCCs and their full titles by file—expenditure (MTBI) or income (ITBI).)

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

DESCRIPTION	FORMAT
Make/model code	CHAR(4)
Make and model	CHAR(69)

CAPIVEHI03.TXT is formatted as follows

DESCRIPTION	FORMAT
Make/model code	CHAR(5)
Make and model	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 (FMLI)

The following FMLI 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
OCCEPNX	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	-
COMPXAVX	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" MEMI or FMLI 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
FJSSDEDX	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
FRRDEDX	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 MEMI 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 (MEMI)).

<u>CU</u>		<u>FARMINCX</u>	<u>AFTER</u>	<u>FFRMINCX</u>	<u>FLAGGED AS</u>
		<u>REPORTED</u>	<u>TOPCODING</u>	<u>VALUE</u>	<u>TOPCODED?</u>
CU 1:	Member 1	\$85,000	\$85,000		
	Member 2	85,000	85,000	170,000	No
CU 2:	Member 1	160,000	428,000		
	Member 2	10,000	10,000	438,000	Yes
CU 3	Member 1	445,000	428,000		
	Member 2	50,000	50,000	478,000	Yes
CU 4	Member 1	85,000	85,000		
	Member 2	-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 Member 1 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 Member 2. 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 FMLI 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	RR	39	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 strata¹ 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 stratum¹ 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 strata¹.

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 stratum¹.

¹ 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 (MEMI)

The following MEMI 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.

Variable	Critical value +	Critical value -	Topcode value +	Topcode value -
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 MEMI file variables

The five MEMI 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 (MTBI)

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

<u>UCC</u>	<u>Description</u>
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
550330	Supportive or convalescent medical equipment

<u>UCC</u>	<u>Description</u>
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.

<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>
210110	1,400	-	1,952	-	QRT3MCMX	NA
210210	1,500	-	2,619	-	LDGCOSTX	NA
210210	495	-	826	-	TOTYUPDX	TOTYUPDY = '130'

<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	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	(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 (ITBI)

Data in the ITBI file are selected annual data from the FMLI file expressed in a monthly form (divided by 12). The ITBI 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
002010	Difference in amount held in savings accounts

<u>UCC</u>	<u>Description</u>
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.

<u>UCC</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>
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
002030	3,333	-2,000	14,533	-18,833

<u>UCC</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>
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) ¹	2,083	-	8,689	-
950001	-	-517	-	-820
950010 (SLOCTAXX) ²	458	-	958	-
950011	-	-164	-	-278
950021	548	-	1,029	-
950022	112	-	178	-
950023	-	-233	-	-345
980020	7	-	7	-

¹ 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 MEMI level and thus, these records will not have an ITBI critical value. ITBI records for UCC 950000 that represent FEDTAXX are topcoded for all amounts greater than \$2,083.

² 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 MEMI level and thus, these records will not have an ITBI critical value. ITBI 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 FMLI file variables corresponding to these UCCs are topcoded due to recalculation. (See Section IV.A. CU CHARACTERISTICS AND INCOME FILE on topcoding of FMLI variables.)

<u>UCC</u>	<u>FMLI variable</u>	<u>Description</u>
800910	FGOVRETX	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	FINDRETX	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
900020	FFRMINCX	Amount of income or loss received from own farm

<u>UCC</u>	<u>FMLI variable</u>	<u>Description</u>
980000	FINCBTAX	Amount of CU income before taxes
980070	FINCATAX	Amount of CU income after taxes

E. DETAILED EXPENDITURE FILES (EXPN)

The following EXPN 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	PROVALX	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

Survey (CAPI) Section	File Name	Variable	Description
		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.

Survey Section	File name	Variable	Critical value +	Critical value -	Topcode value +	Topcode value -	Condition
2. A&B.	RNT	QRT3MCMX	4,240	-	5,860	-	-
3. B.	OPB	PROPVALX	560,000	-	928,075	-	OWNYB = '100' or OWNYB = '200'
		PROPVALX	650,000	-	2,294,340	-	OWNYB = '300'
		PROPVALX	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'

<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>
		QPRINM3X	924	-	2,602	-	OWNYF = '300'
		QPRINM3X	754	-	1,347	-	OWNYF = '400' or OWNYF = '500'
3. G.	HEL	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'
		QPRINM3G	167	-	489	-	OWNYG = '300'
		QPRINM3G	113	-	481	-	OWNYG = '400' or OWNYG = '500'
3. H.	OPH	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'
		JLCPRINX		-179		-989	OWNYH = '400' or OWNYH = '500'
3. I.	OPI	JFEETOTX	1,800	-	3,433	-	('100' ≤ OWNYI ≤ '30') AND REGFEECR = '01000'
		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. B.	OVB	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	-	MEDRCARY = '110'
		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'

<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	200	-	2,046	-	MEDRCARY = '520'
		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 MTBI 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 MTBI file contains expenditures made between January 2003 and May 2003. Similarly, the MTBI 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 MTBI files for both the first and second quarters of 2003. The MTBI file for the first quarter of 2003 would contain January expenditures made by CUs interviewed in February and March 2003, while the MTBI 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 ITBI files are derived in a slightly different manner than MTBI. As was mentioned in the description of the ITBI file, the data on the file represents the conversion of annual and point-of-interview data into a monthly format compatible with MTBI. 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 FMLI file. For the ITBI 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 MTBI and ITBI 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 MTBI and ITBI variables are monthly. Values for variables on the FMLI and MEMI 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, FMLI income data are annual covering the 12-month period prior to the collection month, whereas in ITBI these income data have been converted into monthly values. Selected demographic characteristic variables in the FMLI files contain values as of the date of interview. In the ITBI 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>FMLI</u>		<u>UCC</u>	<u>ITBI</u>	
	<u>AMOUNT</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 MTBI files, one would sum the value of the COST field for MTBI 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 MTBI 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 MTBI 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 ITBI files, summing the VALUE field on the appropriate records.

Certain MTBI and ITBI 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 (MTBI) FILE and III.F.4 INCOME (ITBI) FILE.)

The estimation of aggregates for FMLI and MEMI file variables is similar to that for MTBI and ITBI variables. To estimate aggregates from data on the FMLI file, one would sum the value of the desired variable field for FMLI records selected on the basis of, for example, other CU characteristic variables on the FMLI file, characteristics of CU Members, expenditures made, and month or year of interview. Aggregates for MEMI 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 MTBI 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 FMLI 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 FMLI 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:

	Interview Month and Year									
	2003					2003				
	<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>	
MO_SCOPE	0	1	2	3	3	3	3	3	3	
			2003		2004					
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>		<u>Jan</u>	<u>Feb</u>	<u>Mar</u>			
MO_SCOPE	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 FMLI 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

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

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

$${}_{UC} X_{(S,x)(q,r)} = \left(\frac{q}{r} \right) \sum_{t=1}^r \left(\sum_{j=1}^k E_{x,j} \right)_t$$

2. SAMPLE MEAN EXPENDITURE ESTIMATES (UNWEIGHTED)

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

${}_{UK} \bar{X}_{(S,x)(q,m)}$ = 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

$${}_{UK} \bar{X}_{(S,x)(q,m)} = \left(\frac{{}_{UK} X_{(S,x)(q,m)}}{\sum_{i=1}^m \left(\sum_{j=1}^k S_j \right)_i} \right) \left(\frac{m}{3} \right)$$

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

${}_{UC} \bar{X}_{(S,x)(q,r)}$ = 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

$${}_{UC} \bar{X}_{(S,x)(q,r)} = \left(\frac{{}_{UC} X_{(S,x)(q,r)}}{\sum_{t=1}^{r+3} \left(MSC \sum_{j=1}^k S_j \right)_t} \right) r$$

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

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

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

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

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

$${}_{WK}\bar{X}_{(S,x)(q,m)} = \left(\frac{{}_{WK}X_{(S,x)(q,m)}}{\sum_{i=1}^m \left(\sum_{j=1}^k W_{j,F21} \right)_i} \right) \left(\frac{m}{3} \right)$$

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

$${}_{WC} \bar{X}_{(S,x)(q,r)} = \left(\frac{{}_{WC} X_{(S,x)(q,r)}}{\sum_{t=1}^{r+3} \left[(MSC) \left(\sum_{j=1}^k W_{j,F21} \right) \right]_t} \right)$$

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 FMLI 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 ath 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 ath replicate

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

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

$$V\left(WK X_{(S,x)(q,m)} \right) = \frac{1}{44} \sum_{a=1}^{44} \left(AK X_{(S,x)(q,m),a} - WK X_{(S,x)(q,m)} \right)^2$$

Similarly, estimates for the variances of ${}_{WK} \bar{X}_{(S,x)(q,m)}$ can be given as:

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

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

$$S.E.(\bar{X}_{1,w}, \bar{X}_{2,w}) = \sqrt{(V(\bar{X}_{1,w}) + V(\bar{X}_{2,w}) - 2r(V(\bar{X}_{1,w}) * V(\bar{X}_{2,w})))} \quad (3)$$

where

$$V(\bar{X}_i) = (S.E.(\bar{X}_i))^2$$

and where r is the correlation coefficient between $\bar{X}_{1,w}$ and $\bar{X}_{2,w}$. 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 downloaded data is valid, 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. Refer to the output file within the Programs folder of the downloadable documentation 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 FMLI files, while the second section extracts the expenditure and income data from the MTBI and ITBI 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 MISSEVER;
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 */
154 /* ----- */
155 /* 1 READ IN THE INTERVIEW FMLI FILES & CREATE THE MO_SCOPE VARIABLE */
156 /* 2 READ IN THE INTERVIEW MTBI AND ITBI FILES */
157 /* 3 MERGE FMLI AND EXPENDITURE FILES TO DERIVE WEIGHTED EXPENDITURES */
158 /*****
159
160
161 DATA FMLI (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 FMLI 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 FMLI 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.FMLI 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 MTBI AND ITBI 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 FMLI (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 FMLI FILE WEIGHTS AND CHARACTERISTICS WITH MTBI/ITBI COSTS */
234   /* MULTIPLY COSTS BY WEIGHTS TO DERIVE WEIGHTED COSTS */

```

Reads in all MTBI expenditure data and ITBI 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.

Refr 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 5th interview).

Merges the FMLI 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.FMLI.
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=FMLI;
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.FMLI.
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: CALCULATATE 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 FMLI 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 within the downloadable documentation.

VIII. DESCRIPTION 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 non-institutionalized 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 non-permit-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, ^{N(D)031}(UCC) identifies a new (deleted) UCC beginning in Q031.

A. EXPENDITURE UCCS ON MTBI 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 down payment 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 down payment 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 down payment 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 down payment 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 down payment 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 Down payment, motorized camper, financed
 870701 Boat with motor (net outlay), purchase not financed
 870702 Cash down payment 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 Down payment, 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 ITBI 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 shows the UCC aggregation used in the sample program. This aggregation scheme may also be found on our website at <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 -- 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.

Consumer Expenditure Survey Data on the Internet

CE reports and data tables can be found on-line at <http://www.bls.gov/cex/home.htm>.

The following One-Year, Mid-Year 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 1984-2011

Expenditure Shares Tables from 1998-2011

Aggregate Expenditure Shares Tables from 1998-2012

Combined Expenditure, Share and Standard Error Tables from 2012

Mid-Year Tables (July 20xx – June 20xy, where xy= xx+1)

Combined Expenditure, Share and Standard Error Tables from 2011-12

Two-Year Tables

Cross-Tabulated Tables from 1986-2012

Metropolitan Statistical Area Tables from 1986-2012

Region Tables from 1998-2012

High Income Tables from 1998-2002

Multi-Year Tables for 1984-1992 and 1994-2012

CDs and Free Online Data

The data releases are to be made available online in reverse chronological order, starting with the 2010 data release in July 2012, with prior years appearing incrementally until the 1996 data release is posted. Post-1995 data releases will remain available on CD for purchase until posted online. Please see [PUMD on CD](#) for ordering information. Pre-1996 PUMD will continue to only be available on CD for purchase.

For information and downloading of past PUMD releases, please visit the links below. Multiple zip files can also be downloaded at one time. Please see [Instructions for Downloading Consumer Expenditure Survey \(CE\) Microdata and Documentation](#) for information on downloading the files.

Public Use Microdata that are not available online must be purchased through the Bureau of Labor Statistics Division of Financial Planning and Management. To purchase CDs by check or charge, print and complete the order form ([PDF](#)) and return it with payment to: Bureau of Labor Statistics Division of Financial Planning and Management, Room 4135, 2 Massachusetts Avenue, NE Washington, DC 20212-0001. Phone (202) 691-7794, Fax (202) 691-7796.

CE microdata on CD are available from the Bureau of Labor Statistics for 1972-73, 1980-81, 1990-91, 1992-93, and for each individual year after 1993 (excluding those years which are currently available for free download online). The 1980-81 through 2012 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 1994-2004 include the complete collection of EXPN files. A 1984-94 "multi-year" CD that presents Interview FMLI file data is also available. In addition to the microdata, the CDs also contain the same integrated Diary and Interview tabulated data (1984-2009) that are found on the Consumer Expenditure Survey web site (<http://www.bls.gov/cex>).

More information on the particular CDs available and the order form can be found on the Consumer Expenditure Survey web site: <http://www.bls.gov/cex/pumhome.htm#order>

State Codes

Addendum files containing state codes from 1980 to 1992 are available for the Interview Survey by request. The files 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 \(FMLI\)](#)). The state data files are free and may be obtained by contacting the BLS national office.

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.

Written suggestions and comments should be forwarded to:

Division of Consumer Expenditure Survey
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.