

2006 CONSUMER EXPENDITURE INTERVIEW SURVEY  
PUBLIC USE MICRODATA  
DOCUMENTATION

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# TABLE OF CONTENTS

## Links to Pages

I. INTRODUCTION .....	6
II. CHANGES FROM THE 2005 MICRODATA FILES .....	6
III. FILE INFORMATION .....	17
A. DATA SET NAMES.....	19
B. RECORD COUNTS AND LOGICAL RECORD LENGTHS .....	22
C. DATA FLAGS .....	24
D. INCOME IMPUTATION.....	26
E. FILE NOTATION .....	27
F. ALLOCATION AND RECORD ORIGIN (EXPN) .....	27
G. DETAILED VARIABLE DESCRIPTIONS .....	28
1. CONSUMER UNIT (CU) CHARACTERISTICS AND INCOME FILE (FMLY).....	28
a. CU AND INTERVIEW IDENTIFIERS .....	28
b. CU CHARACTERISTICS .....	29
c. CHARACTERISTICS OF REFERENCE PERSON AND SPOUSE .....	39
d. WORK EXPERIENCE OF REFERENCE PERSON AND SPOUSE .....	41
e. INCOME.....	43
f. OTHER MONEY RECEIPTS .....	60
g. TAXES.....	62
h. RETIREMENT AND PENSION DEDUCTIONS .....	65
i. FINANCIAL INFORMATION.....	67
j. HOUSING STRUCTURE .....	71
k. WEIGHTS.....	75
l. SUMMARY EXPENDITURE DATA .....	77
2. MEMBER CHARACTERISTICS AND INCOME (MEMB) FILE .....	98
a. CU AND MEMBER IDENTIFIERS .....	99
b. CHARACTERISTICS OF MEMBER .....	99
c. WORK EXPERIENCE OF MEMBER .....	103
d. INCOME.....	105
e. TAXES.....	112
f. RETIREMENT AND PENSION DEDUCTIONS .....	112
3. MONTHLY EXPENDITURES (MTAB) FILE .....	116
4. INCOME (ITAB) FILE .....	117
5. IMPUTED INCOME (ITAB_IMPUTE) FILE .....	119
6. DETAILED EXPENDITURES (EXPN) FILES.....	120
a. General Survey Information – Major Household Appliances (SECTION 1, PART C) (APL) .....	120
b. Rented Living Quarters – CU Tenure, Rental Payments, Facilities, and Services for Sample Unit and Other Units (SECTION 2) (RNT) .....	122
c. Owned Living Quarters and Other Owned Real Estate - Detailed Property Description (SECTION 3, PART B) (OPB) .....	124
d. Owned Living Quarters and Other Owned Real Estate - Disposed of Property (SECTION 3, PART D) (OPD).....	126
e. Owned Living Quarters and Other Owned Real Estate - Mortgages (SECTION 3, PART F) (MOR) .....	127
f. Owned Living Quarters and Other Owned Real Estate - Lump Sum Home Equity Loans (SECTION 3, PART F) (HEL) .....	132
g. Owned Living Quarters and Other Owned Real Estate - Line of Credit Home Equity Loans (SECTION 3, PART H) (OPH) .....	136
h. Owned Living Quarters and Other Owned Real Estate - Ownership Costs (SECTION 3, PART I) (OPI).....	137
i. Utilities and Fuels for Owned and Rented Properties – Telephone Expenses (SECTION 4, PART A) (UTA).....	145
j. Utilities and Fuels for Owned and Rented Properties – Additional Telephone Expenses (SECTION 4, PART B) (UTP).....	148

k. Utilities and Fuels for Owned and Rented Properties – Cable and Internet Services Expenditures (SECTION 4, PART C) (UTI).....	149
l. Utilities and Fuels for Owned and Rented Properties – Screening and Detailed Questions (SECTION 4, PART D) (UTC) .....	151
m. Utilities and Fuels for Owned and Rented Properties - Screening and Detailed Questions for Vacation Properties (SECTION 4, PART E) (UTB) .....	154
n. Construction, Repairs, Alterations, and Maintenance of Property - Screening Questions (SECTION 5, PART A) (CRA).....	157
o. Construction, Repairs, Alterations, and Maintenance of Owned and Rented Property - Job Description (SECTION 5, PART B) (CRB) .....	159
p. Appliances, Household Equipment, and Other Selected Items - Purchase of Household Appliances (SECTION 6, PART A) (APA).....	166
q. Appliances, Household Equipment, and Other Selected Items - Purchase of Household Appliances and Other Selected Items (SECTION 6, PART B) (APB) .....	169
r. Household Equipment Repairs, Service Contracts, and Furniture Repair and Reupholstering - Household Equipment Repairs and Service Contracts (SECTION 7, PART A) (EQB).....	172
s. Home Furnishings and Related Household Items - Purchases (SECTION 8, PART A) (FRA) .....	173
t. Home Furnishings and Related Household Items - Rental, Leasing, or Repair of Furniture (SECTION 8, PART B) (FRB) .....	176
u. Clothing and Sewing Materials - Clothing (SECTION 9, PART A) (CLA) .....	176
v. Clothing and Sewing Materials – Infants’ Clothing, Watches, Jewelry, and Hairpieces (SECTION 9, PART B) (CLB) .....	179
w. Clothing and Sewing Materials - Clothing Services (SECTION 9, PART C) (CLD) .....	181
x. Clothing and Sewing Materials - Sewing Materials (SECTION 9, PART D) (CLC).....	183
y. Rented and Leased Vehicles - Screening Questions (SECTION 10, PART A.1) (RTV) .....	185
z. Rented and Leased Vehicles - Detailed Questions for Leased Vehicles (SECTION 10, PART B) (LSD) .....	186
aa. Owned Vehicles - Detailed Questions (SECTION 11, PART B) (OVb).....	190
bb. Owned Vehicles – Disposal of Vehicles (SECTION 11, PART C) (OVC) .....	198
cc. Vehicle Operating Expenses – Vehicle Maintenance and Repair, Parts, and Equipment (SECTION 12, PART A) (VEQ).....	201
dd. Vehicle Operating Expenses – Licensing, Registration, and Inspection of Vehicles (SECTION 12, PART B) (VLR) .....	204
ee. Vehicle Operating Expenses – Other Vehicle Operating Expenses (SECTION 12, PART C) (VOT) .....	206
ff. Insurance Other Than Health – Detailed Questions (SECTION 13, PART B) (INB) .....	208
gg. Hospitalization and Health Insurance - Detailed Questions (SECTION 14, PART B) (IHB) .....	212
hh. Hospitalization and Health Insurance - Medicare, Medicaid and Other Health Insurance Plans Not Directly Paid for by the CU (SECTION 14, PART C) (IHC) .....	215
ii. Hospitalization and Health Insurance – Medicare Prescription Drug Program (SECTION 14, PART D) (IHD).....	217
jj. Medical and Health Expenditures - Payments for Medical Expenses (SECTION 15, PART A) (MDB).....	218
kk. Medical and Health Expenditures - Reimbursements for Medical Expenses (SECTION 15, PART B) (MDC) .....	220
ll. Educational Expenses (SECTION 16) (EDA) .....	223
mm. Subscriptions, Memberships, Books, and Entertainment Expenses - Subscriptions and Memberships (SECTION 17, PART A) (SUB) .....	225
nn. Subscriptions, Memberships, Books, and Entertainment Expenses - Books and Entertainment Expenses (SECTION 17, PART B) (ENT) .....	226
oo. Trips and Vacations – 100% Reimbursed Trips (SECTION 18, PART A) (TRD) .....	228
pp. Trips and Vacations - Trips Paid Entirely by CU and Partially Reimbursed Trips (SECTION 18, PARTS B & C) (TRV) .....	229

qq. Trips and Vacations - Trip Expenses for Non-CU Members (SECTION 18, PART E) (TRE) .....	236
rr. Trips and Vacations - Local Overnight Stays (SECTION 18, PART F) (TRF) .....	237
ss. Miscellaneous Expenses (SECTION 19, PART A) (MIS) .....	239
tt. Miscellaneous Expenses - Contributions (SECTION 19, PART B) (CNT) .....	241
uu. Expense Patterns for Food, Beverages, and Other Selected Items - Food and Beverages (SECTION 20, PART A) (XPA) .....	242
vv. Expense Patterns for Food, Beverages, and Other Selected Items - Selected Services and Goods (SECTION 20, PART B) (XPB) .....	244
ww. Credit Liability - Credit Balances - Second Quarter Only (SECTION 21, PART A.1) (FN2) .....	246
xx. Credit Liability - Credit Balances - Fifth Quarter Only (SECTION 21, PART A.2) (FNA) .....	246
yy. Credit Liability - Finance Charges - Fifth Quarter Only (SECTION 21, PART B) (FNB) .....	247
7. PROCESSING FILES .....	249
a. Istub file .....	249
b. UCC file .....	249
c. VEHicle file .....	250
d. Sample program file .....	250
IV. TOPCODING AND OTHER NONDISCLOSURE REQUIREMENTS .....	251
A. CU CHARACTERISTICS AND INCOME FILE (FMLY) .....	251
B. MEMBER CHARACTERISTICS AND INCOME FILE (MEMB) .....	255
C. MONTHLY EXPENDITURE FILE (MTAB) .....	258
D. INCOME FILE (ITAB) .....	260
E. DETAILED EXPENDITURE FILES (EXPN) .....	263
V. ESTIMATION PROCEDURE .....	266
A. DESCRIPTION OF PROCEDURES .....	266
1. GENERAL CONCEPTS .....	266
a. SAMPLE VERSUS POPULATION ESTIMATES .....	266
b. CALENDAR PERIOD VERSUS COLLECTION PERIOD .....	266
c. TIME PERIOD DIFFERENCES .....	268
d. COMPARISONS WITH PUBLISHED CE DATA .....	269
2. ESTIMATION OF UNWEIGHTED STATISTICS .....	269
a. AGGREGATE STATISTICS .....	269
b. MEANS .....	270
(i) SAMPLE MEANS .....	270
(ii) MEANS OF THOSE REPORTING .....	271
3. ESTIMATION OF WEIGHTED STATISTICS .....	271
B. DESCRIPTION OF FORMULAS .....	272
1. AGGREGATE EXPENDITURE ESTIMATES (UNWEIGHTED) .....	272
2. SAMPLE MEAN EXPENDITURE ESTIMATES (UNWEIGHTED) .....	273
3. AGGREGATE EXPENDITURE ESTIMATES (WEIGHTED) .....	274
4. SAMPLE MEAN EXPENDITURE ESTIMATES (WEIGHTED) .....	274
VI. RELIABILITY STATEMENT .....	275
A. DESCRIPTION OF SAMPLING AND NONSAMPLING ERRORS .....	275
B. ESTIMATING SAMPLING ERROR .....	276
1. VARIANCE ESTIMATION .....	276
2. STANDARD ERROR OF THE MEAN .....	277
3. STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS .....	277
VII. MICRODATA VERIFICATION AND ESTIMATION METHODOLOGY .....	278
A. SAMPLE PROGRAM .....	279
B. OUTPUT .....	290
VIII. DESCRIPTION OF THE SURVEY .....	290
IX. DATA COLLECTION AND PROCESSING .....	291
A. BUREAU OF THE CENSUS ACTIVITIES .....	291
B. BUREAU OF LABOR STATISTICS ACTIVITIES .....	292
X. SAMPLING STATEMENT .....	292

A. SURVEY SAMPLE DESIGN .....	292
B. COOPERATION LEVELS .....	293
C. WEIGHTING .....	293
D. STATE IDENTIFIER.....	294
XI. INTERPRETING THE DATA .....	294
XII. APPENDIX 1 -- GLOSSARY .....	295
XIII. APPENDIX 2 -- UNIVERSAL CLASSIFICATION CODE (UCC) TITLES .....	296
A. EXPENDITURE UCCS ON MTAB FILE .....	296
B. INCOME AND RELATED UCCS ON ITAB FILE.....	308
XIV. APPENDIX 3 -- UCC AGGREGATION .....	310
XV. APPENDIX 4 -- FMLY AND MEMB VARIABLES ORDERED BY START POSITION .....	310
A. FMLY FILE .....	310
B. MEMB FILE.....	318
XVI. APPENDIX 5 -- PUBLICATIONS AND DATA RELEASES FROM THE CONSUMER EXPENDITURE SURVEY.....	321
XVIII. INQUIRIES, SUGGESTIONS, AND COMMENTS.....	323

## INTRODUCTION

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

These microdata files present detailed expenditure and income data from the Interview component of the CE for 2006 and the first quarter of 2007. The Interview survey collects data on up to 95 percent of total household expenditures. In addition to the FMLY, MEMB, MTAB, and ITAB\_IMPUTE files, the microdata include files created directly from the expenditure sections of the Interview survey (EXPN files). The EXPN files contain expenditure data and ancillary descriptive information, often not available on the FMLY or MTAB files, in a format similar to the Interview questionnaire. In addition to the extra information available on the EXPN files, users can identify distinct spending categories easily and reduce processing time due to the organization of the files by type of expenditure.

Estimates of average expenditures in 2006 from the Interview Survey, integrated with data from the Diary Survey, will be published in the report *Consumer Expenditures in 2006* (due out in 2008). 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, 2006."

## II. CHANGES FROM THE 2005 MICRODATA FILES

### A. FMLY File

#### 1. Variable Deletions

**Beginning in 2006Q2**, data for the following variables will no longer be recorded. The position for this deleted variable will be left blank.

Name	Start Position	Format
LOT_SIZE	524	CHAR(2)
LOT_IZE	526	CHAR(1)

#### 2. Variable Additions

**Beginning in 2006Q2**, the following variable will be added to the FMLY file.

Name	Description	Start Position	Format
PSU	Primary Sampling Unit Coded	6195	CHAR(4)

Name	Description	Start Position	Format
	1109 New York, NY 1110 New York, Connecticut suburbs 1111 New Jersey suburbs 1102 Philadelphia – Wilmington – Atlantic City, PA – NJ – DE - MD 1103 Boston – Brockton – Nashua, MA – NH – ME - CT 1207 Chicago – Gary – Kenosha, IL – IN - WI 1208 Detroit – Ann Arbor – Flint, MI 1210 Cleveland – Akron, OH 1211 Minneapolis – St. Paul, MN – WI 1312 Washington, DC – MD – VA – WV 1313 Baltimore, MD 1316 Dallas – Ft. Worth, TX 1318 Houston – Galveston – Brazoria, TX 1319 Atlanta, GA 1320 Miami – Ft. Lauderdale, FL 1419 Los Angeles – Orange, CA 1420 Los Angeles suburbs, CA 1422 San Francisco – Oakland – San Jose, CA 1423 Seattle – Tacoma – Bremerton, WA 1424 San Diego, CA 1429 Phoenix – Mesa, AZ  Note: Only “A” size PSUs are identified on the public use microdata		

**Beginning in 2006Q1**, the original (pre-income imputation) income variables will be added back onto the FMLY file. These variables will resume their former start positions.

Name	Description	Start Position	Format
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?	3338	NUM(8)
ALIOTHX_		3346	CHAR(1)
CHDOTHX	During the past 12 months, what was the total amount of income from child support payments, other than in a lump sum amount, received by ALL CU member?	3329	NUM(8)
CHDOTHX_		3337	CHAR(1)
COMPENSX	During the past 12 months, what was the total amount of income from workers' compensation or veterans' benefits, including education benefits but excluding military retirement, received by ALL CU members?	165	NUM(8)
COMP_NSX		173	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	3368	NUM(8.7)

Name	Description	Start Position	Format
	of incomplete income reporters is blank.		
ERANKH		3377	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.	3356	NUM(11.4)
ERAN_MTH		3367	CHAR(1)
FAMTFEDX	Amount of Federal income tax deducted from last pay, annualized for all CU members (sum ANFEDTX from MEMB file for all CU members)	247	NUM(8)
FAMT_EDX		255	CHAR(1)
FFRMINCX	Amount of income or loss from own farm received by all CU member in the past 12 months (sum FARMINCX from MEMB file for all CU members)	274	NUM(9)
FFRM_NCX		283	CHAR(1)
FGOVRETX	Amount of government retirement deducted from last pay, annualized, for all CU members (sum ANGOVRTX from MEMB file for all CU members)	284	NUM(8)
FGOV_ETX		292	CHAR(1)
FINCATAX	Amount of CU income after taxes in the past 12 months (FINCBTAX – TOTTXPDX)	293	NUM(9)
FINCAT_X		302	CHAR(1)
FINCBTAX	Amount of CU income before taxes in the past 12 months (FSALARYX + FNONFRMX + FFRMINCX + FRRETIRX + FSSIX + UNEMPLX + COMPENSX + WELFAREX + INTEARNX + FININCX + PENSIONX + INCLOSSA + INCLOSSB + ALIOTHX + CHDOTHX + OTHRINCX + FOODSMPX + COMPNSBX + UNEMPLBX + WELFREBX + INTERNBX + FININCBX + INCLSABX + INCLSBX + PENSIONBX + CHDOTHBX + ALIOTHBX + OTRINCBX + FOODSPBX)	303	NUM(9)
FINCBT_X		312	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?	322	NUM(8)
FININCX		330	CHAR(1)
FJSSDEDX	Estimated amount of income contributed to Social Security by all CU members in past 12 months (sum JSSDEDX from MEMB file for all CU members)	342	NUM(8)
FJSS_EDX		350	CHAR(1)
FNONFRMX	Amount of income or loss from nonfarm business, partnership, or professional practice received by all CU members in the past 12 months (sum NONFARMX from MEMB file for	351	NUM(9)



Name	Description	Start Position	Format
	all CU members)		
FNON_RMX		360	CHAR(1)
FOODSMPX	Value of all food stamps and electronic benefits received.	4677	NUM(6)
FOOD_MPX		4683	CHAR(1)
FPRIPENX	Amount of private pensions deducted from past pay, annualized, for all CU members (sum ANPRVPNX from MEMB file for all CU members)	361	NUM(8)
FPRI_ENX		369	CHAR(1)
FRRDEDX	Amount of Railroad Retirement deducted from last pay, annualized for all CU members (sum ANRRDEDX from MEMB file for all CU members)	370	NUM(8)
FRRDEDX_		378	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 the past 12 months (sum SOCRRX from MEMB file for all CU members)	379	NUM(8)
FRRE_IRX		387	CHAR(1)
FSALARYX	Amount of wage and salary income, before deductions, received by all CU members in the past 12 months (sum SALARYX from MEMB file for all CU members)	388	NUM(8)
FSAL_RYX		396	CHAR(1)
FSLTAXX	Amount of state and local income taxes deducted from last pay, annualized for all CU members (sum ANSLTX from MEMB file for all CU members)	397	NUM(8)
FSLTAXX_		405	CHAR(1)
FSSIX	Amount of Supplemental Security Income from all sources, received by all CU members in the past 12 months (sum SSIX from MEMB file for all CU members)	406	NUM(8)
FSSIX_		414	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.	435	NUM(9.7)
INC_ANX		445	CHAR(1)
INCLOSSA	During the past 12 months, how much net income or loss was received from roomers or boarders?	456	NUM(8)
INCL_SSA		464	CHAR(1)
INCLOSSB	During the past 12 months, how much net income or loss was received from payments from other rental units?	465	NUM(8)
INCL_SSB		473	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	497	NUM(8)

Name	Description	Start Position	Format
	members?		
INTE_RNX		505	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?	615	NUM(8)
OTHR_NCX		623	CHAR(1)
PENSIONX	During the past 12 months, what was the total amount of income from pensions or annuities from private companies, military, Government, IRA, or Keogh received by ALL CU members?	624	NUM(8)
PENS_ONX		632	CHAR(1)
POV_CY	Is CU income below the current year's poverty threshold? (Income is defined as FINCBTAX-FOODSMPX)	3276	CHAR(1)
POV_CY_		3277	CHAR(1)
POV_PY	Is CU income below previous year's poverty threshold? (Income is defined as FINCBTAX-FOODSMPX)	3278	CHAR(1)
POV_PY_		3279	CHAR(1)
PRINEARN	Member number (MEMBNO in the MEMB file) of the principal earner.	640	CHAR(2)
PRIN_ARN		642	CHAR(1)
TOTTXPDX	Amount of personal taxes paid by CU in the past 12 months (FAMTFEDX + FSLTAXX + FEDTAXX + SLOCTAXX + TAXPROPX + MISCTAXX – [FEDRFNDX + SLRFUNDX + OTHRFNDX])	781	NUM(9)
TOTT_PDX		790	CHAR(1)
UNEMPLX	During the past 12 months, what was the total amount of income from unemployment compensation received by ALL CU members?	791	NUM(8)
UNEMPLX_		799	CHAR(1)
WELFAREX	During the past 12 months, what was the total amount of income from public assistance or welfare, including money received from job training grants such as Job Corps, received by ALL CU members?	832	NUM(8)
WELF_REX		840	CHAR(1)

## 2. Summary Variable Changes

Please see the “Detailed Variable Descriptions” section for specific content changes, and for the quarter in which the changes occur.

### B. MEMB File

**Beginning in 2006Q1**, the original (pre-income imputation) income variables will be added back onto the MEMB file. These variables will resume their former start positions.

Name	Description	Start Position	Format
ANFEDTX	Annualized amount of Federal income tax deducted from last pay ([AMTFED/GROSPAYX] x SALARYX)	21	NUM(8)
ANFEDTX_		29	CHAR(1)
ANGOVRTX	Annualized amount of Government Retirement deducted from last pay ([GOVRETX/GROSPAYX] x SALARYX)	30	NUM(8)
ANGO_RTX		38	CHAR(1)
ANPRVPNX	Annualized amount of private pensions deducted from last pay ([PRIVPENX/GROSPAYX] x SALARYX)	39	NUM(8)
ANPR_PNX		47	CHAR(1)
ANRRDEDX	Annualized amount of Railroad Retirement deducted from last pay ([RRRDEDX/GROSPAYX] x SALARYX)	48	NUM(8)
ANRR_EDX		56	CHAR(1)
ANSLTX	Annualized amount of state and local income taxes deducted from last pay ([SLTAXX/GROSPAYX] x SALARYX)	57	NUM(8)
ANSLTX_		65	CHAR(1)
FARMINCX	During the past 12 months, what was the amount of income or loss from the member's own farm, after expenses?	79	NUM(10)
FARM_NCX		89	CHAR(1)
JSSDEDX	Estimated amount of income contributed to Social Security by member in past 12 months	140	NUM(6)
JSSDEDX_		146	CHAR(1)
NONFARMX	During the past 12 months, what was the amount of income or loss from the member's own nonfarm business, partnership, or professional practice, after expenses?	155	NUM(10)
NONF_RMX		165	CHAR(1)
RRRETIRX	What was the amount of the last Social Security or Railroad Retirement payment received? (In the past 12 months)	194	NUM(8)
RRRE_IRX		202	CHAR(1)
SALARYX	During the past 12 months, what was the amount of wages or salary income received, before any deductions?	203	NUM(10)
SALARYX_		213	CHAR(1)
SLFEMPSS	Amount of income contributed to Social Security by member if self-employed.	223	NUM(6)
SLFE_PSS		229	CHAR(1)
SOCRRX	Amount of Social Security and Railroad Retirement income received by member in the past 12 months.	239	NUM(8)
SOCRRX_		247	CHAR(1)
SSIX	During the past 12 months, how much did the member receive in Supplemental Security Income checks, altogether? (From U.S. Government and State or local government)	251	NUM(8)
SSIX_		259	CHAR(1)

## C. MTAB File

### 1. UCC Deletions

**Beginning in 2006Q1**, the following UCCs will be deleted from the MTAB file:

UCC	Title
520111	State vehicle registration
520112	Local vehicle registration
520903	Aircraft rental
520906	Aircraft rental, out of town trips

**Beginning in 2006Q2**, the following UCCs will be deleted from the MTAB file:

UCC	Title
270103	Pager Service
660900	School book/supplies/equipment for Day Care, Nursery school, other

### 2. UCC Additions

**Beginning in 2006Q1**, the following UCC will be added to the MTAB file:

UCC	Title
520110	State or local vehicle registration

**Beginning in 2006Q2**, the following UCCs will be added to the MTAB file:

UCC	Title
580907	Medicare Prescription Drug plan premium
660901	School books/supplies for Day care, Nursery school
660902	School books/supplies for Other schools

## D. ITAB File

### 1. UCC Deletions

**Beginning in 2006Q2**, the following UCCs will be deleted from the ITAB file:

UCC	Title
950000	Federal Income Tax
950010	State and local income tax

### 2. UCC Additions

**Beginning in 2006Q2**, the following UCCs will be added to the ITAB file:

UCC	Title
-----	-------

UCC	Title
950002	Federal Income Tax (deducted)
950003	Additional federal income tax paid
950012	State and local income tax (deducted)
950013	Additional state and local income tax paid

## E. ITAB\_IMPUTE File

### 1. UCC Deletions

**Beginning in 2006Q2**, the following UCCs will be deleted from the ITAB file:

UCC	Title
950000	Federal Income Tax
950010	State and local income tax

### 2. UCC Additions

**Beginning in 2006Q2**, the following UCCs will be added to the ITAB file:

UCC	Title
950002	Federal Income Tax (deducted)
950012	State and local income tax (deducted)

## F. EXPN Files

### 1. IHD file

The IHD file was added to capture the Medicare Prescription Drug Program expenditures beginning in 2006Q2.

#### Variable Additions

**Beginning in 2006Q2**, the IHD file will contain the following variables:

Name	Description	Start Position	Format
QYEAR		1	CHAR(5)
NEWID		6	NUM(8)
SEQNO		14	NUM(3)
ALCNO		17	NUM(3)
PRTDMBNO	Member numbers of the CU members enrolled in a Medicare Prescription Drug plan	20	NUM(2)
PRTD_BNO		22	CHAR(1)
ENROLLMO	Month enrolled in a Medicare Prescription Drug plan Coded 1 – 12	23	CHAR(2)
ENRO_LMO		25	CHAR(1)
ENROLLYR	Year enrolled in a Medicare Prescription Drug plan Coded	26	CHAR(4)

Name	Description	Start Position	Format
	2005 – and up		
ENRO_LYR		30	CHAR(1)
HHDRGSS	Is the monthly premium deducted from a Social Security payment? Coded 1 = Yes 2 = No	31	CHAR(1)
HHDRGSS_		32	CHAR(1)
STILDRUG	Is the CU member still enrolled in a Medicare Prescription Drug plan? Coded 1 = Yes 2 = No	33	CHAR(1)
STIL_RUG		34	CHAR(1)
DRGPREMX	What is the monthly premium for your Medicare Prescription Drug plan? Coded 1 = Yes 2 = No	35	NUM(3)
DRGP_EMX		38	CHAR(1)
QDRGPM1X	Medicare Prescription Drug plan premium paid one month ago	39	NUM(3)
QDRG_M1X		42	CHAR(1)
QDRGPM2X	Medicare Prescription Drug plan premium paid two months ago	43	NUM(3)
QDRG_M2X		46	CHAR(1)
QDRGPM3X	Medicare Prescription Drug plan premium paid three months ago	47	NUM(3)
QDRG_M3X		50	CHAR(1)

## 2. UTA file

### Variable Deletions

**Beginning in 2006Q2**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
TELPAGER	49	CHAR(1)
TELP_GER	50	CHAR(1)
TELLOCAL	51	CHAR(1)
TELL_CAL	52	CHAR(1)
TELLONGD	53	CHAR(1)
TELL_NGD	54	CHAR(1)
TELINTL	55	CHAR(1)
TELINTL_	56	CHAR(1)
TELSERV	57	CHAR(1)
TELSERV_	58	CHAR(1)
TELINSL	59	CHAR(1)
TELINSL_	60	CHAR(1)

Name	Start Position	Format
TELPURCH	61	CHAR(1)
TELP_RCH	62	CHAR(1)
DSLISDN	67	CHAR(1)
DSLISND	68	CHAR(1)
QADDSLIX	85	NUM(6)
QADD_LIX	91	CHAR(1)
TELPAGRX	120	NUM(6)
TELP_GRX	126	CHAR(1)

### 3. LSD file

#### Variable Deletions

**Beginning in 2006Q2**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
MILESVEH	65	NUM(6)
MILE_VEH	71	CHAR(1)
LSDSOURC	74	CHAR(1)
LSDS_URC	75	CHAR(1)
NUMCYL	38	NUM(2)
NUMCYL_	40	CHAR(1)
NEWUSED	72	CHAR(1)
NEWUSED_	73	CHAR(1)

### 4. RTV file

#### Variable Content Changes

**Beginning in 2006Q1**, the following variable definitions change:

Name	Description
RENTCODE	Codes deleted: 190 Private plane

### 5. OVB file

#### Variable Deletions

**Beginning in 2006Q2**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
VEHMIILE	291	NUM(6)

Name	Start Position	Format
VEH_MILE_	297	CHAR(1)
CYLQ	33	NUM(2)
CYLQ	35	CHAR(1)
EMPL_EXPX	91	NUM(6)
EMPL_XPX	97	CHAR(1)

## 6. TRV file

**Beginning in 2006Q1**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
RTPLANEY	70	CHAR(2)
RTPL_NEY	72	CHAR(1)
RTPLANEX	169	NUM(8)
RTPL_NEX	177	CHAR(1)

## 7. VEQ file

### Variable Deletions

**Beginning in 2006Q2**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
VOPVEHYA	21	CHAR(3)
VOPV_HYA	24	CHAR(1)

## 8. VLR file

### Variable Content Changes

**Beginning in 2006Q1**, the following variable definitions change:

Name	Description
VOPREGY	<p>Codes deleted:</p> <p>415 – State vehicle registration</p> <p>425 – Local vehicle registration</p> <p>Codes added:</p> <p>420 – Vehicle registration</p>



### III. FILE INFORMATION

The microdata on CD-ROM are provided as SAS data sets or ASCII text files. The 2006 Interview release contains five groups of Interview data files (FMLY, MEMB, MTAB, ITAB, and ITAB\_IMPUTE), 50 EXPN files, and processing files. The FMLY, MEMB, MTAB, ITAB, and ITAB\_IMPUTE 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 2006 through the first quarter of 2007. The FMLY file contains CU characteristics, income, and summary level expenditures; the MEMB file contains member characteristics and income data; the MTAB file contains expenditures organized on a monthly basis at the UCC level; the ITAB file contains income data converted to a monthly time frame and assigned to UCCs; and the ITAB\_IMPUTE file contains the five imputation variants of the income data converted to a monthly time frame and assigned to UCCs. Each of the 51 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; vehicle make and model file (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.

In addition to these processing files, there is a "User's Guide to Income Imputation in the CE", which includes information on how to appropriately use the imputed income data.

Since space in this documentation prohibits the explanation of all information in the EXPN files, we strongly suggest the user refer to the questionnaire. Survey forms, as well as the CAPI questionnaire, are available on the Consumer Expenditure Survey webpage: <http://www.bls.gov/cex/#forms>. A list of the 51 EXPN file names, including the 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

UTI Section 4, Part C	Utilities and Fuels for Owned and Rented Properties – Internet Services Expenditures
UTC Section 4, Part D	Utilities and Fuels for Owned and Rented Properties – Detailed Questions
UTB Section 4, Part E	Utilities and Fuels for Owned and Rented Properties – Detailed Questions for Vacation Properties
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 A	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
CLD Section 9, Part C	Clothing and Sewing Materials – Clothing Services
CLC Section 9, Part D	Clothing and Sewing Materials – Sewing Materials
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
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 and Medicaid
IHD Section 14, Part D	Hospitalization and Health Insurance – Medicare Prescription Drug Program
MDB Section 15, Part A	Medical and Health Expenditures – Payments For Medical Expenses
MDC Section 15, Part B	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
TRD Section 18, Part A	Trips and Vacations – 100% Reimbursed Trips
TRV Section 18, Part B	Trips and Vacations – Trips Paid Entirely by CU and Partially 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 Interview Only
FNA Section 21, Part A.2	Credit Liability – Credit Balances – Fifth Interview Only
FNB Section 21, Part B	Credit Liability – Finance Charges – Fifth Interview 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 in the ASCII subfolder is as follows.  
("X" references the designated drive letter for your CD.)

\INTRVW06\FMLYI061x.TXT (Interview FMLY file for first quarter, 2006)  
 \INTRVW06\MEMBI061x.TXT (Interview MEMB file for first quarter, 2006)  
 \INTRVW06\MTABI061x.TXT (Interview MTAB file for first quarter, 2006)  
 \INTRVW06\ITABI061x.TXT (Interview ITAB file for first quarter, 2006)  
 \INTRVW06\ITABI\_IMPURED061x.TXT (Interview ITABI\_IMPURED file for first quarter, 2006)

\INTRVW06\FMLYI062.TXT (etc.)  
\INTRVW06\MEMBI062.TXT  
\INTRVW06\MTABI062.TXT  
\INTRVW06\ITABI062.TXT  
\INTRVW06\ITABI\_IMPUTED062.TXT  
\INTRVW06\FMLYI063.TXT  
\INTRVW06\MEMBI063.TXT  
\INTRVW06\MTABI063.TXT  
\INTRVW06\ITABI063.TXT  
\INTRVW06\ITABI\_IMPUTED063.TXT  
\INTRVW06\FMLYI064.TXT  
\INTRVW06\MEMBI064.TXT  
\INTRVW06\MTABI064.TXT  
\INTRVW06\ITABI064.TXT  
\INTRVW06\ITABI\_IMPUTED064.TXT  
\INTRVW06\FMLYI071.TXT  
\INTRVW06\MEMBI071.TXT  
\INTRVW06\MTABI071.TXT  
\INTRVW06\ITABI071.TXT  
\INTRVW06\ITABI\_IMPUTED071.TXT  
\INTRVW06\UCCI06.TXT  
\INTRVW06\VEHI06.TXT  
\EXP06\APL06.TXT  
\EXP06\IRNT06.TXT  
\EXP06\OPB06.TXT  
\EXP06\OPD06.TXT  
\EXP06\MOR06.TXT  
\EXP06\HEL06.TXT  
\EXP06\OPH06.TXT  
\EXP06\OPI06.TXT  
\EXP06\UTA06.TXT  
\EXP06\UTP06.TXT  
\EXP06\UTI06.TXT  
\EXP06\UTC06.TXT  
\EXP06\UTB06.TXT  
\EXP06\CRA06.TXT  
\EXP06\CRB06.TXT  
\EXP06\APA06.TXT  
\EXP06\APB06.TXT  
\EXP06\EQB06.TXT  
\EXP06\FRA06.TXT  
\EXP06\FRB06.TXT  
\EXP06\CLA06.TXT  
\EXP06\CLB06.TXT  
\EXP06\CLD06.TXT  
\EXP06\CLC06.TXT  
\EXP06\RTV06.TXT  
\EXP06\LSD06.TXT  
\EXP06\OVB06.TXT  
\EXP06\OVC06.TXT  
\EXP06\VEQ06.TXT  
\EXP06\VLR06.TXT  
\EXP06\VOT06.TXT  
\EXP06\INB06.TXT  
\EXP06\IHB06.TXT  
\EXP06\IHC06.TXT

\EXPN06\IHD06.TXT  
\EXPN06\MDB06.TXT  
\EXPN06\MDC06.TXT  
\EXPN06\EDA06.TXT  
\EXPN06\SUB06.TXT  
\EXPN06\ENT06.TXT  
\EXPN06\TRD06.TXT  
\EXPN06\TRV06.TXT  
\EXPN06\TRE06.TXT  
\EXPN06\TRF06.TXT  
\EXPN06\MIS06.TXT  
\EXPN06\CNT06.TXT  
\EXPN06\XPA06.TXT  
\EXPN06\XPB06.TXT  
\EXPN06\FN206.TXT  
\EXPN06\FNA06.TXT  
\EXPN06\FNB06.TXT

The file naming convention in the SAS subfolder is as follows:

\INTRVW06\FMLI061x.sas7bdat (Interview FMLY file for first quarter, 2006)  
\INTRVW06\MEMI061x.sas7bdat (Interview MEMB file for first quarter, 2006)  
\INTRVW06\MTBI061x.sas7bdat (Interview MTAB file for first quarter, 2006)  
\INTRVW06\ITBI061x.sas7bdat (Interview ITAB file for first quarter, 2006)  
\INTRVW06\ITBI\_IMPUTED061x.sas7bdat (Interview ITBI\_IMPUTED file for first quarter, 2006)  
\INTRVW06\FMLI062.sas7bdat (etc.)  
\INTRVW06\MEMI062.sas7bdat  
\INTRVW06\MTBI062.sas7bdat  
\INTRVW06\ITBI062.sas7bdat  
\INTRVW06\ITBI\_IMPUTED062.sas7bdat  
\INTRVW06\FMLI063.sas7bdat  
\INTRVW06\MEMI063.sas7bdat  
\INTRVW06\MTBI063.sas7bdat  
\INTRVW06\ITBI063.sas7bdat  
\INTRVW06\ITBI\_IMPUTED063.sas7bdat  
\INTRVW06\FMLI064.sas7bdat  
\INTRVW06\MEMI064.sas7bdat  
\INTRVW06\MTBI064.sas7bdat  
\INTRVW06\ITBI064.sas7bdat  
\INTRVW06\ITBI\_IMPUTED064.sas7bdat  
\INTRVW06\FMLI071.sas7bdat  
\INTRVW06\MEMI071.sas7bdat  
\INTRVW06\MTBI071.sas7bdat  
\INTRVW06\ITBI071.sas7bdat  
\INTRVW06\ITBI\_IMPUTED071.sas7bdat  
\INTRVW06\UCCI06.txt  
\INTRVW06\VEHI06.txt  
\EXPN06\APL06.sas7bdat  
\EXPN06\RNT06.sas7bdat  
\EXPN06\OPB06.sas7bdat  
\EXPN06\OPD06.sas7bdat  
\EXPN06\MOR06.sas7bdat  
\EXPN06\HEL06.sas7bdat  
\EXPN06\OPH06.sas7bdat  
\EXPN06\OPI06.sas7bdat  
\EXPN06\UTA06.sas7bdat

\EXPNO6\UTP06.sas7bdat  
 \EXPNO6\UTI06.sas7bdat  
 \EXPNO6\UTC06.sas7bdat  
 \EXPNO6\UTB06.sas7bdat  
 \EXPNO6\CRA06.sas7bdat  
 \EXPNO6\CRB06.sas7bdat  
 \EXPNO6\APA06.sas7bdat  
 \EXPNO6\APB06.sas7bdat  
 \EXPNO6\EQB06.sas7bdat  
 \EXPNO6\FRA06.sas7bdat  
 \EXPNO6\FRB06.sas7bdat  
 \EXPNO6\CLA06.sas7bdat  
 \EXPNO6\CLB06.sas7bdat  
 \EXPNO6\CLD06.sas7bdat  
 \EXPNO6\CLC06.sas7bdat  
 \EXPNO6\RTV06.sas7bdat  
 \EXPNO6\LSD06.sas7bdat  
 \EXPNO6\OVB06.sas7bdat  
 \EXPNO6\OVC06.sas7bdat  
 \EXPNO6\VEQ06.sas7bdat  
 \EXPNO6\VLR06.sas7bdat  
 \EXPNO6\VOT06.sas7bdat  
 \EXPNO6\INB06.sas7bdat  
 \EXPNO6\IHB06.sas7bdat  
 \EXPNO6\IHC06.sas7bdat  
 \EXPNO6\IHD06.sas7bdat  
 \EXPNO6\MDB06.sas7bdat  
 \EXPNO6\MDC06.sas7bdat  
 \EXPNO6\EDA06.sas7bdat  
 \EXPNO6\SUB06.sas7bdat  
 \EXPNO6\ENT06.sas7bdat  
 \EXPNO6\TRD06.sas7bdat  
 \EXPNO6\TRV06.sas7bdat  
 \EXPNO6\TRE06.sas7bdat  
 \EXPNO6\TRF06.sas7bdat  
 \EXPNO6\MIS06.sas7bdat  
 \EXPNO6\CNT06.sas7bdat  
 \EXPNO6\XPA06.sas7bdat  
 \EXPNO6\XPB06.sas7bdat  
 \EXPNO6\FN206.sas7bdat  
 \EXPNO6\FNA06.sas7bdat  
 \EXPNO6\FNB06.sas7bdat

## B. RECORD COUNTS AND LOGICAL RECORD LENGTHS

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

<u>ASCII data set</u>	<u>SAS data set</u>	<u>LRECL</u>	<u>Record Counts</u>
FMLYI061X.TXT	FMLI061X.SAS7BDAT	6194	7786
FMLYI062.TXT	FMLI062.SAS7BDAT	6198	7009
FMLYI063.TXT	FMLI063.SAS7BDAT	6198	6988
FMLYI064.TXT	FMLI064.SAS7BDAT	6198	7084
FMLYI071.TXT	FMLI071.SAS7BDAT	6198	6965

<u>ASCII data set</u>	<u>SAS data set</u>	<u>LRECL</u>	<u>Record Counts</u>
MEMBI061X.TXT	MEMI061X.SAS7BDAT	787	19808
MEMBI062.TXT	MEMI062.SAS7BDAT	787	17984
MEMBI063.TXT	MEMI063.SAS7BDAT	787	17867
MEMBI064.TXT	MEMI064.SAS7BDAT	787	17930
MEMBI071.TXT	MEMI071.SAS7BDAT	787	17745
MTABI061X.TXT	MTBI061X.SAS7BDAT	35	664349
MTABI062.TXT	MTBI062.SAS7BDAT	35	566693
MTABI063.TXT	MTBI063.SAS7BDAT	35	578124
MTABI064.TXT	MTBI064.SAS7BDAT	35	575481
MTABI071.TXT	MTBI071.SAS7BDAT	35	583956
ITABI061X.TXT	ITBI061X.SAS7BDAT	34	438150
ITABI062.TXT	ITBI062.SAS7BDAT	34	396375
ITABI063.TXT	ITBI063.SAS7BDAT	34	394824
ITABI064.TXT	ITBI064.SAS7BDAT	34	397476
ITABI071.TXT	ITBI071.SAS7BDAT	34	389463
ITABI_IMPUTED061x.TXT	ITBI_IMPUTED061x.SAS7BDAT	35	608364
ITABI_IMPUTED062.TXT	ITBI_IMPUTED062.SAS7BDAT	35	548019
ITABI_IMPUTED063.TXT	ITBI_IMPUTED063.SAS7BDAT	35	545475
ITABI_IMPUTED064.TXT	ITBI_IMPUTED064.SAS7BDAT	35	548211
ITABI_IMPUTED071.TXT	ITBI_IMPUTED071.SAS7BDAT	35	537408
<u>EXPN</u>			
APL06.TXT	APL06.SAS7BDAT	40	336113
RNT06.TXT	RNT06.SAS7BDAT	94	11944
OPB06.TXT	OPB06.SAS7BDAT	95	28717
OPD06.TXT	OPD06.SAS7BDAT	64	181
MOR06.TXT	MOR06.SAS7BDAT	194	18063
HEL06.TXT	HEL06.SAS7BDAT	194	1549
OPH06.TXT	OPH06.SAS7BDAT	75	2864
OPI06.TXT	OPI06.SAS7BDAT	263	42213
UTA06.TXT	UTA06.SAS7BDAT	126	153050
UTP06.TXT	UTP06.SAS7BDAT	34	3808
UTI06.TXT	UTI06.SAS7BDAT	72	65445
UTB06.TXT	UTB06.SAS7BDAT	70	1201
UTC06.TXT	UTC06.SAS7BDAT	98	298962
CRA06.TXT	CRA06.SAS7BDAT	74	1091
CRB06.TXT	CRB06.SAS7BDAT	273	12464
APA06.TXT	APA06.SAS7BDAT	88	3562
APB06.TXT	APB06.SAS7BDAT	79	32582
EQB06.TXT	EQB06.SAS7BDAT	72	4569
FRA06.TXT	FRA06.SAS7BDAT	72	34975
FRB06.TXT	FRB06.SAS7BDAT	41	138
CLA06.TXT	CLA06.SAS7BDAT	79	165017
CLB06.TXT	CLB06.SAS7BDAT	79	20957

<u>ASCII data set</u>	<u>SAS data set</u>	<u>LRECL</u>	<u>Record Counts</u>
CLD06.TXT	CLD06.SAS7BDAT	72	2749
CLC06.TXT	CLC06.SAS7BDAT	72	3302
RTV06.TXT	RTV06.SAS7BDAT	48	998
LSD06.TXT	LSD06.SAS7BDAT	211	1902
OV06.TXT	OV06.SAS7BDAT	323	67129
OVC06.TXT	OVC06.SAS7BDAT	62	2600
VEQ06.TXT	VEQ06.SAS7BDAT	94	42992
VLR06.TXT	VLR06.SAS7BDAT	49	12474
VOT06.TXT	VOT06.SAS7BDAT	101	35831
INB06.TXT	INB06.SAS7BDAT	160	86121
IHB06.TXT	IHB06.SAS7BDAT	55	34464
IHC06.TXT	IHC06.SAS7BDAT	152	12428
IHD06.TXT	IHD06.SAS7BDAT	50	3765
MDB06.TXT	MDB06.SAS7BDAT	74	72055
MDC06.TXT	MDC06.SAS7BDAT	74	1684
EDA06.TXT	EDA06.SAS7BDAT	86	19077
SUB06.TXT	SUB06.SAS7BDAT	35	21403
ENT06.TXT	ENT06.SAS7BDAT	146	22755
TRD06.TXT	TRD06.SAS7BDAT	36	6077
TRV06.TXT	TRV06.SAS7BDAT	315	15247
TRE06.TXT	TRE06.SAS7BDAT	36	3846
TRF06.TXT	TRF06.SAS7BDAT	85	354
MIS06.TXT	MIS06.SAS7BDAT	72	58851
CNT06.TXT	CNT06.SAS7BDAT	36	39440
XPA06.TXT	XPA06.SAS7BDAT	130	35832
XPB06.TXT	XPB06.SAS7BDAT	189	35830
FN206.TXT	FN206.SAS7BDAT	33	28428
FNA06.TXT	FNA06.SAS7BDAT	42	6667
FNB06.TXT	FNB06.SAS7BDAT	104	8953

## C. DATA FLAGS

Data fields on the FMLY, MEMB, and EXPN files are explained by flag variables following the data field. The names of the flag variables are derived from the names of the data fields they reference. In general the rule is to add an underscore to the last position of the data field name, for example, VEHQ becomes VEHQ\_. However, if the data field name is eight characters in length, then the fifth position is replaced with an underscore; thus WELFAREM becomes WELF\_REM. 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:

<b>Codes</b>	<b>Description</b>
'A'	<b>Valid Blank</b> - a blank field where a response is not anticipated.
'B'	<b>Invalid Blank, inconsistent data</b> - a nonresponse due to inconsistencies with CU's other reported data.
'C'	<b>Invalid Blank, don't know/refusal</b> - a blank field resulting from a "don't know", refusal,



	or other type of nonresponse.
'D'	<b>Valid Data</b> - the data field contains a valid value and is unadjusted
'E'	<b>Valid Data, allocated</b> - the data field contains a valid data value that has been allocated.
'F'	<b>Valid Data, imputed</b> - the data field contains a valid data value that has been imputed.
'G'	<b>Valid Data, imputed and allocated</b> - the data field contains a valid data value that has been allocated and imputed.
'T'	<b>Valid data, topcoded</b> - the data field contains a valid data value that has been topcoded or suppressed.
'U'	<b>Valid data, allocated and topcoded</b> - the data field contains a valid data value that has been allocated and then topcoded or suppressed.
'V'	<b>Valid data, imputed and topcoded</b> - the data field contains a valid data value that has been imputed and then topcoded or suppressed.
'W'	<b>Valid data, allocated, imputed, and topcoded</b> - the data field contains a valid data value that has been allocated and imputed and then topcoded or suppressed.
'H'	<b>Valid Blank</b> - Identifies a "parent record" expenditure that has been allocated to other records with the original expenditure being overwritten with a blank.

## D. INCOME IMPUTATION

Beginning in 2004, the CE implemented multiple imputation of income data. Imputation allows income values to be estimated when they are not reported. Many income variables and other income related variables are now imputed using a multiple imputation process. These imputed income values are included in the FMLY, MEMB, ITAB, and ITAB\_IMPUTE files. The multiple imputation process derives five imputation values, and a mean imputation value, per selected income variable. More information on the imputation process and how to appropriately use the data are found in the document "User's guide to Income Imputation in the CE".

In the public-use microdata, not all of the imputed income variables contain the derived imputation values. For some income variables, the five derived imputations are excluded and only the mean of those imputations is available. For these variables, there are 3 associated income variables in the FMLY and MEMB files (INCOMEM, INCOMEM\_, and INCOMEI). For all other imputed income variables, there are 7 associated variables in the FMLY and MEMB files:

INCOME1 - the first imputed income value or the reported income value, if non-missing  
INCOME2 - the second imputed income value or the reported income value, if non-missing  
INCOME3 - the third imputed income value or the reported income value, if non-missing  
INCOME4 - the fourth imputed income value or the reported income value, if non-missing  
INCOME5 - the fifth imputed income value or the reported income value, if non-missing  
INCOMEM - the mean of the five imputed income values  
INCOMEM\_ - the flag variable for the imputed variable (see section III.C. Data Flags)  
INCOMEI - the imputation indicator variable

Income variables that have imputed values as components (ex: FINCBEFM) also have 5 imputed values and a mean based on each of the imputed components.

The imputation indicator variable is coded as follows:

<u>Value</u>	<u>Description</u>
'100'	No multiple imputation - valid value, or valid blank
'201'	Multiple imputation due to invalid blank only
'301'	Multiple imputation due to bracketing only
'501'	Multiple imputation due to conversion of a valid blank to an invalid blank (occurs only when initial values for all sources of income for the CU were valid blanks)

The ITAB file includes income UCCs mapped from the associated INCOMEM variable in the FMLY files. The ITAB\_IMPUTE file includes UCCs mapped from income variables subject to income imputation, including the variable IMPNUM to indicate the imputation number 1 - 5.

## E. 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 format will now indicate the CAPI section where the question can be found.

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(Y063) indicates the variable is deleted starting with the data file of the third quarter of 2006.

\*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.

## F. ALLOCATION AND RECORD ORIGIN (EXPEN)

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.

## G. DETAILED VARIABLE DESCRIPTIONS

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

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

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

#### a. CU AND INTERVIEW IDENTIFIERS

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NEWID	CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5.  It is possible for a CU to skip an interview. For example, a CU could have a 2 <sup>nd</sup> , 3 <sup>rd</sup> and 5 <sup>th</sup> interview but no 4 <sup>th</sup> interview.  BLS derived	1	NUM(8)
HH_CU_Q	Count of CUs in household  BLS derived	3269	NUM(2)

HH_CU_Q_		3271	CHAR(1)
HHID	Identifier of household with more than one CU. Household with only one CU will be set to missing.  BLS derived	3272	NUM(3)
HHID_		3275	CHAR(1)
QINTRVMO	Interview month  Control Card 37	663	CHAR(2)
QINTRVYR	Interview year  Control Card 37	665	CHAR(4)
CUID	Consumer unit identifying variable, constructed using the first seven digits of NEWID BLS derived	4776	NUM(7)
INTERI	Interview number; it is the last digit of NEWID BLS derived	4783	NUM(1)

**b. CU CHARACTERISTICS**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
REGION	Region CODED 1 Northeast 2 Midwest 3 South 4 West  BLS derived	673	CHAR(1)
BLS_URBN	Urban/Rural CODED 1 Urban 2 Rural  BLS derived	49	CHAR(1)

POPSIZE	Population size of the PSU CODED 1 More than 4 million 2 1.20-4 million 3 0.33-1.19 million 4 125-329.9 thousand 5 Less than 125 thousand  BLS derived	639	CHAR(1)
*PSU	Primary Sampling Unit  CODED 1109 New York, NY 1110 New York, Connecticut suburbs 1111 New Jersey suburbs 1102 Philadelphia – Wilmington – Atlantic City, PA – NJ – DE - MD 1103 Boston – Brockton – Nashua, MA – NH – ME - CT 1207 Chicago – Gary – Kenosha, IL – IN - WI 1208 Detroit – Ann Arbor – Flint, MI 1210 Cleveland – Akron, OH 1211 Minneapolis – St. Paul, MN – WI 1312 Washington, DC – MD – VA – WV 1313 Baltimore, MD 1316 Dallas – Ft. Worth, TX 1318 Houston – Galveston – Brazoria, TX 1319 Atlanta, GA 1320 Miami – Ft. Lauderdale, FL 1419 Los Angeles – Orange, CA 1420 Los Angeles suburbs, CA 1422 San Francisco – Oakland – San Jose, CA 1423 Seattle – Tacoma – Bremerton, WA 1424 San Diego, CA 1429 Phoenix – Mesa, AZ  Note: Only “A” size PSUs are identified on the public use microdata <b>N(Y062)</b>	6195	CHAR(4)
SMSASTAT	Does CU reside inside a Metropolitan Statistical Area (MSA)? CODED 1 Yes 2 No  BLS derived	760	CHAR(1)

STATE	State identifier (see Section IV.A. and Section X.D. for important information)	3326	CHAR(2)
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RR	01	Alabama	*28	Mississippi
	02	Alaska	29	Missouri
	04	Arizona	*30	Montana
	*05	Arkansas	31	Nebraska
	**06	California	32	Nevada
	**08	Colorado	33	New Hampshire
	09	Connecticut	34	New Jersey
R	10	Delaware	**36	New York
	11	District of Columbia	*37	North Carolina
	12	Florida	**39	Ohio
RR**	13	Georgia	40	Oklahoma
	15	Hawaii	**41	Oregon
	16	Idaho	42	Pennsylvania
**	17	Illinois	44	Rhode Island
**	18	Indiana	45	South Carolina
**	20	Kansas	*46	South Dakota
	21	Kentucky	**47	Tennessee
	22	Louisiana	**48	Texas
**	23	Maine	49	Utah
RR	24	Maryland	**51	Virginia
	25	Massachusetts	53	Washington
**	26	Michigan	**54	West Virginia
R	27	Minnesota	RR**55	Wisconsin

\* indicates that the STATE code has been suppressed for all sampled CUs in that state.

\*\* indicates that the STATE code has been suppressed for some sampled CUs in that state.

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

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

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

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

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

States not listed are not in the CE sample.

BLS derived

CUTENURE	Housing tenure 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	216	CHAR(1)
CUTE_URE		217	CHAR(1)
FAM_SIZE	Number of members in CU  BLS derived	242	NUM(2)
FAM__IZE		244	CHAR(1)
AS_COMP1	Number of males age 16 and over in CU  BLS derived	26	NUM(2)
AS_C_MP1		28	CHAR(1)
AS_COMP2	Number of females age 16 and over in CU  BLS derived	29	NUM(2)
AS_C_MP2		31	CHAR(1)
AS_COMP3	Number of males age 2 through 15 in CU  BLS derived	32	NUM(2)
AS_C_MP3		34	CHAR(1)
AS_COMP4	Number of females age 2 through 15 in CU  BLS derived	35	NUM(2)
AS_C_MP4		37	CHAR(1)
AS_COMP5	Number of members under age 2 in CU  BLS derived	38	NUM(2)
AS_C_MP5		40	CHAR(1)
PERSLT18	Number of children less than 18 in CU  BLS derived	633	NUM(2)
PERS_T18		635	CHAR(1)



PERSOT64	Number of persons over 64 in CU  BLS derived	636	NUM(2)
PERS_T64		638	CHAR(1)
CHILDAGE	Age of children of reference person CODED 0 No children 1 All children less than 6 2 Oldest child between 6 and 11 and at least one child less than 6 3 All children between 6 and 11 4 Oldest child between 12 and 17 and at least one child less than 12 5 All children between 12 and 17 6 Oldest child greater than 17 and at least one child less than 17 7 All children greater than 17  BLS derived	3322	CHAR(1)
CHIL_AGE		3323	CHAR(1)
FAM_TYPE	CU type is based on relationship of members to reference person. "Own" children include blood-related sons and daughters, step children and adopted children. CODED 1 Husband and wife (H/W) only 2 H/W, own children only, oldest child under 6 years old 3 H/W, own children only, oldest child 6 to 17 years old 4 H/W, own children only, oldest child over 17 years old 5 All other H/W CUs 6 One parent, male, own children only, at least one child age under 18 years old 7 One parent, female, own children only, at least one child age under 18 years old 8 Single persons 9 Other CUs  BLS derived	245	CHAR(1)
FAM__YPE		246	CHAR(1)
NO_EARNR	Number of earners  BLS derived	556	NUM(2)
NO_E_RNR		558	CHAR(1)

EARNCOMP	Composition of earners CODED 1 Reference person only 2 Reference person and spouse 3 Reference person, spouse and others 4 Reference person and others 5 Spouse only 6 Spouse and others 7 Others only 8 No earners  BLS derived	221	CHAR(1)
EARN_OMP		222	CHAR(1)
*PRINEARN	Member number (MEMBNO in the MEMB file)of the principal earner.  BLS derived <b>N(Y061)</b>	640	CHAR(2)
*PRIN_ARN	<b>N(Y061)</b>	642	CHAR(1)
PRINERNM	Member number (MEMBNO in the MEMB file)of the principal earner (includes members with imputed income).  BLS derived	6006	CHAR(2)
PRIN_RNM		6008	CHAR(1)
PRINERN1		6009	CHAR(2)
PRINERN2		6011	CHAR(2)
PRINERN3		6013	CHAR(2)
PRINERN4		6015	CHAR(2)
PRINERN5		6017	CHAR(2)
VEHQ	Number of owned vehicles  BLS derived	809	NUM(2)
VEHQ_		811	CHAR(1)
NUM_AUTO	Number of owned automobiles  BLS derived	581	NUM(2)
NUM__UTO		583	CHAR(1)
VEHQL	Total number of leased autos, trucks and vans  BLS derived	3456	NUM(2)

VEHQL_		3458	CHAR(1)
NUM_TVAN	Total number of owned trucks and vans	3459	NUM(2)
	BLS derived		
NUM__VAN		3461	CHAR(1)
INCLASS	Income class of CU based on income before taxes. CODED	3324	CHAR(2)
	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		
	BLS derived		
INCLASS2	Income class based on INC_RANK	4774	CHAR(1)
	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		
	BLS derived		
INCL_SS2		4775	CHAR(1)
RESPSTAT	Completeness of income response CODED	681	CHAR(1)
	1 Complete income respondent		
	2 Incomplete income respondent		
	BLS derived		
RESP_TAT		682	CHAR(1)
*INC_RANK	Weighted cumulative percent income ranking of CU to total population. Ranking based on income before taxes for complete reporters. Rank of incomplete income reporters is set to zero.	435	NUM(9.7)
	BLS derived		
	<b>N(Y061)</b>		
*INC__ANK	<b>N(Y061)</b>	445	CHAR(1)

INC_RNKM	Weighted cumulative percent income ranking based on total current income.  BLS derived	5655	NUM(9.7)
INC__NKM		5664	CHAR(1)
INC_RNK1		5665	NUM(9.7)
INC_RNK2		5674	NUM(9.7)
INC_RNK3		5683	NUM(9.7)
INC_RNK4		5692	NUM(9.7)
INC_RNK5		5701	NUM(9.7)
*ERANKH	Weighted cumulative percent expenditure outlay ranking of CU to total population. Expenditure outlay is based on ERANKMTH. The value is a number between 0 and 1. Rank of incomplete income reporters is blank.  BLS derived <b>N(Y061)</b>	3368	NUM(8.7)
*ERANKH_	<b>N(Y061)</b>	3377	CHAR(1)
ERANKHM	Weighted cumulative percent expenditure outlay ranking of CU to total population. Expenditure outlay is based on ERANKMTHM. The value is a number between 0 and 1.  BLS derived	4950	NUM(9.7)
ERANKHM_		4959	CHAR(1)
*ERANKMTH	Dollar amount used for expenditure ranking (ERANKH and ERANKUH) based on expenditure outlays made during the reference (interview) period. Includes all mortgage and vehicle principal payments; excludes outlays for items collected only in the fifth interview.  *L  BLS derived <b>N(Y061)</b>	3356	NUM(11.4)
*ERAN_MTH	<b>N(Y061)</b>	3367	CHAR(1)
ERNKMTHM	Dollar amount used for expenditure ranking (ERANKHM) based on expenditure outlays made during the reference (interview) period. Includes all mortgage and vehicle principal payments; excludes outlays for items collected only in the fifth interview.  *L  BLS derived	4960	NUM(13.4)
ERNK_THM		4973	CHAR(1)

*POV_CY	Is CU income below current year's poverty threshold? (Income is defined as FINCBTAX-FOODSMPX) CODED 1 Yes 2 No  BLS derived <b>N(Y061)</b>	3276	CHAR(1)
*POV_CY_	<b>N(Y061)</b>	3277	CHAR(1)
POV_CYM	Is CU income below current year's poverty threshold? (Income is defined as FINCBTXM-FOODSMPM.) CODED 1 Yes 2 No  BLS derived	5992	CHAR(1)
POV_C_M		5993	CHAR(1)
POV_CY1		5994	CHAR(1)
POV_CY2		5995	CHAR(1)
POV_CY3		5996	CHAR(1)
POV_CY4		5997	CHAR(1)
POV_CY5		5998	CHAR(1)
*POV_PY	Is CU income below previous year's poverty threshold? (Income is defined as FINCBTAX-FOODSMPX) CODED 1 Yes 2 No  BLS derived <b>N(Y061)</b>	3278	CHAR(1)
*POV_PY_	<b>N(Y061)</b>	3279	CHAR(1)
POV_PYM	Is CU income below previous year's poverty threshold? (Income is defined as FINCBTXM-FOODSMPM.) CODED 1 Yes 2 No  BLS derived	5999	CHAR(1)
POV_P_M		6000	CHAR(1)
POV_PY1		6001	CHAR(1)
POV_PY2		6002	CHAR(1)

POV_PY3		6003	CHAR(1)
POV_PY4		6004	CHAR(1)
POV_PY5		6005	CHAR(1)
POVLEVPY	Poverty threshold for this CU in the previous year.	4191	NUM(8)
POVL_VPY		4199	CHAR(1)
CUINCOME	Total CU Income CODED 01 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+	3435	CHAR(2)
	CAPI Section 24		
CUIN_OME		3437	CHAR(1)
RECORDS	In answering questions about expenses, did the respondent consult bills, receipts, check stubs, expense books, tax returns, or other records? CODED 1 Always 2 Almost always 3 Mostly 4 Occasionally 5 Almost never 6 Never	3438	CHAR(1)
	CAPI Section 1		
RECORDS_		3439	CHAR(1)
TYPEREC1	If any bills, receipts, or records were used, which ones did the respondent(s) use to give cost information? CODED 1 Bills	3440	CHAR(1)
	CAPI Section 1		
TYPE_EC1		3441	CHAR(1)

TYPE REC2	See TYPE REC1 for question and source. CODED 2 Checkbook ledger or stubs	3442	CHAR(1)
TYPE_EC2		3443	CHAR(1)
TYPE REC3	See TYPE REC1 for question and source. CODED 3 Canceled checks	3444	CHAR(1)
TYPE_EC3		3445	CHAR(1)
TYPE REC4	See TYPE REC1 for question and source. CODED 4 Receipts of purchase (sales slip)	3446	CHAR(1)
TYPE_EC4		3447	CHAR(1)
TYPE REC5	See TYPE REC1 for question and source. CODED 5 Home file (provided by Census Bureau)	3448	CHAR(1)
TYPE_EC5		3449	CHAR(1)
TYPE REC6	See TYPE REC1 for question and source. CODED 6 Contracts or agreements	3450	CHAR(1)
TYPE_EC6		3451	CHAR(1)
TYPE REC7	See TYPE REC1 for question and source. CODED 7 Bank statements	3452	CHAR(1)
TYPE_EC7		3453	CHAR(1)
TYPE REC8	See TYPE REC1 for question and source. CODED 8 Other	3454	CHAR(1)
TYPE_EC8		3455	CHAR(1)

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

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

REF_RACE	Race of reference person CODED 1 White 2 Black 3 Native American 4 Asian 5 Pacific Islander 6 Multi-race	671	CHAR(1)
	BLS derived		
REF__ACE		672	CHAR(1)
SEX_REF	Sex of reference person CODED 1 Male 2 Female	738	CHAR(1)
	BLS derived		
SEX_REF_		739	CHAR(1)
MARITAL1	Marital status of reference person CODED 1 Married 2 Widowed 3 Divorced 4 Separated 5 Never married	536	CHAR(1)
	BLS derived		
MARI_AL1		537	CHAR(1)
EDUC_REF	Education of reference person CODED 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	233	CHAR(2)
	BLS derived		
EDUC0REF		235	CHAR(1)
AGE2	Age of spouse	14	NUM(2)
	BLS derived		
AGE2_		16	CHAR(1)



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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
INCWEEK1	Number of weeks worked by reference person full or part time in last 12 months, including paid vacation and paid sick leave  BLS derived	482	NUM(2)
INCW_EK1		484	CHAR(1)

INC_HRS1	Number of hours usually worked per week by reference person BLS derived	427	NUM(3)
INC__RS1		430	CHAR(1)
OCCUCOD1	The job in which reference person received the most earnings during the past 12 months best fits the following category. CODED Manager, professional 01 Administrator, manager 02 Teacher 03 Professional Administrative support, technical, sales 04 Administrative support, including clerical 05 Sales, retail 06 Sales, business goods and services 07 Technician Service 08 Protective service 09 Private household service 10 Other service Operator, assembler, laborer 11 Machine operator, assembler, inspector 12 Transportation operator 13 Handler, helper, laborer Precision production, craft, repair 14 Mechanic, repairer, precision production 15 Construction, mining Farming, forestry, fishing 16 Farming 17 Forestry, fishing, grounds keeping Armed forces 18 Armed forces BLS derived	593	CHAR(2)
OCCU_OD1		595	CHAR(1)
INCOMEY1	Employer from which reference person received the most earnings in past 12 months CODED 1 Private company, business or individual 2 Federal government 3 State government 4 Local government 5 Self-employed in own business, professional practice or farm 6 Family business or farm, working without pay BLS derived	478	CHAR(1)
INCO_EY1		479	CHAR(1)

INCNONW1	Reason reference person did not work during the past 12 months CODED 1 Retired 2 Taking care of home/CU 3 Going to school 4 Ill, disabled, unable to work 5 Unable to find work 6 Doing something else  BLS derived	474	CHAR(1)
INCN_NW1		475	CHAR(1)
INCWEEK2	Number of weeks worked by spouse full or part time in last 12 months, including paid vacation and paid sick leave  BLS derived	485	NUM(2)
INCW_EK2		487	CHAR(1)
INC_HRS2	Number of hours usually worked per week by spouse  BLS derived	431	NUM(3)
INC__RS2		434	CHAR(1)
OCCUCOD2	Job in which spouse received the most earnings during the past 12 months CODED – same as OCCUCOD1  BLS derived	596	CHAR(2)
OCCU_OD2		598	CHAR(1)
INCOMEY2	Employer from which spouse received most earnings during the past 12 months CODED – same as INCOMEY1  BLS derived	480	CHAR(1)
INCO_EY2		481	CHAR(1)
INCNONW2	Reason spouse did not work during the past 12 months CODED – same as INCNONW1  BLS derived	476	CHAR(1)
INCN_NW2		477	CHAR(1)

e. **INCOME**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
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*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 + FOODSMPX + COMPNSBX + UNEMPLBX + WELFREBX + INTERNBX + FININCBX + INCLSABX + INCLSBBX + PNSIONBX + CHDOTHBX + ALIOTHBX + OTRINCBX + FOODSPBX) *L  BLS derived <b>N(Y061)</b>	303	NUM(9)
*FINCBT_X	<b>N(Y061)</b>	312	CHAR(1)
FINCBTXM	Amount of CU income before taxes in past 12 months (FSALARYXM + FNONFRMM + FFRMINCM + FRRETIRM + FSSIXM + UNEMPLXM + COMPENSM + WELFAREM + INTEARNM + FININCM + PENSIONM + INCLOSAM + INCLOSBM + ALIOTHXM + CHDOTHXM + OTHRINCM + FOODSMPM ) *L  BLS derived	5145	NUM(11.1)
FINCB_XM		5156	CHAR(1)
FINCBTX1		5157	NUM(9)
FINCBTX2		5166	NUM(9)
FINCBTX3		5175	NUM(9)
FINCBTX4		5184	NUM(9)
FINCBTX5		5193	NUM(9)
FINCBTXI		5202	NUM(3)
*FINCATAX	Amount of CU income after taxes in the past 12 months (FINCBTAX – TOTTXPDX) *L BLS derived <b>N(Y061)</b>	293	NUM(9)
*FINCAT_X	<b>N(Y061)</b>	302	CHAR(1)
FINCATXM	Amount of CU income after taxes in past 12 months (FINCBTXM – TOTTXPDM) *L  BLS derived	5088	NUM(11.1)
FINCA_XM		5099	CHAR(1)

FINCATX1		5100	NUM(9)
FINCATX2		5109	NUM(9)
FINCATX3		5118	NUM(9)
FINCATX4		5127	NUM(9)
FINCATX5		5136	NUM(9)
*FSALARYX	Amount of wage and salary income, before deductions, received by all CU members in past 12 months (sum SALARYX from MEMB file for all CU members)	388	NUM(8)
	BLS derived <b>N(Y061)</b>		
*FSAL_RYX	<b>N(Y061)</b>	396	CHAR(1)
FSALARYM	Amount of wage and salary income, before deductions, received by all CU members in past 12 months (sum SALARYXM from MEMB file for all CU members)	5496	NUM(10.1)
	BLS derived		
FSAL_RYM		5506	CHAR(1)
FSALARY1		5507	NUM(8)
FSALARY2		5515	NUM(8)
FSALARY3		5523	NUM(8)
FSALARY4		5531	NUM(8)
FSALARY5		5539	NUM(8)
FSALARYI		5547	NUM(3)
*FNONFRMX	Amount of income or loss from nonfarm business, partnership, or professional practice received by all CU members in past 12 months (sum NONFARMX from MEMB file for all CU members)	351	NUM(9)
	*L		
	BLS derived <b>N(Y061)</b>		
*FNON_RMX	<b>N(Y061)</b>	360	CHAR(1)

FNONFRMM	Amount of income or loss from nonfarm business, partnership, or professional practice received by all CU members in past 12 months (sum NONFARMM from MEMB file for all CU members) *L  BLS derived	5310	NUM(11.1)
FNON_RMM		5321	CHAR(1)
FNONFRM1		5322	NUM(9)
FNONFRM2		5331	NUM(9)
FNONFRM3		5340	NUM(9)
FNONFRM4		5349	NUM(9)
FNONFRM5		5358	NUM(9)
FNONFRMI		5367	NUM(3)
*FFRMINCX	Amount of income or loss from own farm received by all CU members in past 12 months (sum FARMINCX from MEMB file for all CU members) *L  BLS derived <b>N(Y061)</b>	274	NUM(9)
*FFRM_NCX	<b>N(Y061)</b>	283	CHAR(1)
FFRMINCM	Amount of income or loss from own farm received by all CU members in past 12 months (sum FARMINCM from MEMB file for all CU members) *L  BLS derived	5024	NUM(11.1)
FFRM_NCM		5035	CHAR(1)
FFRMINC1		5036	NUM(8)
FFRMINC2		5044	NUM(8)
FFRMINC3		5052	NUM(8)
FFRMINC4		5060	NUM(8)
FFRMINC5		5068	NUM(8)
FFRMINCI		5076	NUM(3)

*FSSIX	Amount of Supplemental Security Income from all sources received by all CU members in past 12 months (sum SSIX from MEMB file for all CU members)	406	NUM(8)
	BLS derived <b>N(Y061)</b>		
*FSSIX_	<b>N(Y061)</b>	414	CHAR(1)
FSSIXM	Amount of Supplemental Security Income from all sources received by all CU members in past 12 months (sum SSIXM from MEMB file for all CU members)	5601	NUM(10.1)
	BLS derived		
FSSIXM_		5611	CHAR(1)
FSSIX1		5612	NUM(8)
FSSIX2		5620	NUM(8)
FSSIX3		5628	NUM(8)
FSSIX4		5636	NUM(8)
FSSIX5		5644	NUM(8)
FSSIXI		5652	NUM(3)
*UNEMPLX	During the past 12 months, what was the total amount of income from unemployment compensation received by ALL CU members?	791	NUM(8)
	CAPI Section 22 <b>N(Y061)</b>		
*UNEMPLX_	<b>N(Y061)</b>	799	CHAR(1)
UNEMPLXM	During the past 12 months, what was the total amount of income from unemployment compensation received by ALL CU members?	6076	NUM(10.1)
	CAPI Section 22		
UNEM_LXM		6086	CHAR(1)
UNEMPLX1		6087	NUM(8)
UNEMPLX2		6095	NUM(8)
UNEMPLX3		6103	NUM(8)
UNEMPLX4		6111	NUM(8)
UNEMPLX5		6119	NUM(8)

UNEMPLXI		6127	NUM(3)
UNEMPLB	Bracketed variable for UNEMPLXM	4644	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22		
UNEMPLB_		4646	CHAR(1)
UNEMPLBX	Median of bracket range of UNEMPLB	4647	NUM(6)
	BLS derived		
UNEM_LBX		4653	CHAR(1)
*COMPENSX	During the past 12 months, what was the total amount of income from workers' compensation or veterans' benefits, including education benefits, but excluding military retirement, received by ALL CU members?	165	NUM(8)
	CAPI Section 22		
	<b>N(Y061)</b>		
*COMP_NSX	<b>N(Y061)</b>	173	CHAR(1)
COMPENSM	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?	4896	NUM(10.1)
	CAPI Section 22		
COMP_NSM		4906	CHAR(1)
COMPENS1		4907	NUM(8)
COMPENS2		4915	NUM(8)
COMPENS3		4923	NUM(8)
COMPENS4		4931	NUM(8)
COMPENS5		4939	NUM(8)



COMPENSI		4947	NUM(3)
COMPENSB	Bracketed variable for COMPENSM	4654	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22		
COMP_NSB		4656	CHAR(1)
COMPNSBX	Median of bracket range of COMPENSB	4657	NUM(6)
	BLS derived		
COMP_SBX		4663	CHAR(1)
*WELFAREX	During the past 12 months, what was the total amount of income from public assistance or welfare, including money received from job training grants such as Job Corps, received by ALL CU members?	832	NUM(8)
	CAPI Section 22		
	<b>N(Y061)</b>		
*WELF_REX	<b>N(Y061)</b>	840	CHAR(1)
WELFAREM	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?	6130	NUM(10.1)
	CAPI Section 22		
WELF_REM		6140	CHAR(1)
WELFARE1		6141	NUM(8)
WELFARE2		6149	NUM(8)
WELFARE3		6157	NUM(8)
WELFARE4		6165	NUM(8)

WELFARE5		6173	NUM(8)
WELFAREI		6181	NUM(3)
WELFAREB	Bracketed variable for WELFAREM	4664	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22		
WELF_REB		4666	CHAR(1)
WELFREBX	Median of bracket range of WELFAREB	4667	NUM(6)
	BLS derived		
WELF_EBX		4673	CHAR(1)
*INTEARNX	During the past 12 months, what was the total amount of income from interest on savings accounts or bonds received by ALL CU members?	497	NUM(8)
	CAPI Section 22		
	<b>N(Y061)</b>		
*INTE_RNX	<b>N(Y061)</b>	505	CHAR(1)
INTEARNM	During the past 12 months, what was the total amount of income from interest on savings accounts or bonds received by ALL CU members?	5830	NUM(10.1)
	CAPI Section 22		
INTE_RNM		5840	CHAR(1)
INTEARN1		5841	NUM(8)
INTEARN2		5849	NUM(8)
INTEARN3		5857	NUM(8)
INTEARN4		5865	NUM(8)
INTEARN5		5873	NUM(8)

INTEARNI		5881	NUM(3)
INTEARNB	Bracketed variable for INTEARNM	4614	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		
INTE_RNB		4616	CHAR(1)
INTERNBX	Median of bracket range of INTEARNB	4617	NUM(6)
	BLS derived		
INTE_NBX		4623	CHAR(1)
*FININCX	During the past 12 months, what was the total amount of regular income from dividends, royalties, estates, or trusts received by ALL CU members?	322	NUM(8)
	CAPI Section 22		
	<b>N(Y061)</b>		
*FININCX_	<b>N(Y061)</b>	330	CHAR(1)
FININCXM	During the past 12 months, what was the total amount of regular income from dividends, royalties, estates, or trusts received by ALL CU members?	5205	NUM(10.1)
	CAPI Section 22		
FINI_CXM		5215	CHAR(1)
FININCX1		5216	NUM(8)
FININCX2		5224	NUM(8)
FININCX3		5232	NUM(8)
FININCX4		5240	NUM(8)
FININCX5		5248	NUM(8)

FININCXI		5256	NUM(3)
FININCB	Bracketed variable for FININCXM	4624	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22		
FININCB_		4626	CHAR(1)
FININCBX	Median of bracket range of FININCB	4627	NUM(6)
	BLS derived		
FINI_CBX		4633	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 the past 12 months (sum SOCRRX from MEMB file for all CU members)	379	NUM(8)
	BLS derived		
	<b>N(Y061)</b>		
*FRRE_IRX	<b>N(Y061)</b>	387	CHAR(1)
*PENSIONX	During the past 12 months, what was the total amount of income from pensions or annuities from private companies, military, Government, IRA, or Keogh received by ALL CU members?	624	NUM(8)
	CAPI Section 22		
	<b>N(Y061)</b>		
*PENS_ONX	<b>N(Y061)</b>	632	CHAR(1)
PENSIONM	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?	5938	NUM(10.1)
	CAPI Section 22		
PENS_ONM		5948	CHAR(1)
PENSION1		5949	NUM(8)

PENSION2		5957	NUM(8)
PENSION3		5965	NUM(8)
PENSION4		5973	NUM(8)
PENSION5		5981	NUM(8)
PENSIONI		5989	NUM(3)
PENSIONB	Bracketed variable for PENSIONX	4634	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22		
PENS_ONB		4636	CHAR(1)
PENSIONBX	Median of bracket range of PENSIONB	4637	NUM(6)
	BLS derived		
PNSI_NBX		4643	CHAR(1)
*INCLOSSA	During the past 12 months, how much net income or loss was received from roomers or boarders?	456	NUM(8)
	*L		
	CAPI Section 22		
	<b>N(Y061)</b>		
*INCL_SSA	<b>N(Y061)</b>	464	CHAR(1)
INCLOSAM	During the past 12 months, how much net income or loss was received from roomers or boarders?	5710	NUM(11.1)
	*L		
	CAPI Section 22		
INCL_SAM		5721	CHAR(1)
INCLOSA1		5722	NUM(9)

INCLOSA2		5731	NUM(9)
INCLOSA3		5740	NUM(9)
INCLOSA4		5749	NUM(9)
INCLOSA5		5758	NUM(9)
INCLOSAI		5767	NUM(3)
INCLOSAB	Bracketed variable for INCLOSAM	4694	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		
INCL_SAB		4696	CHAR(1)
INCLSABX	Median of bracket range of INCLOSAB	4697	NUM(6)
	*L		
	BLS derived		
INCL_ABX		4703	CHAR(1)
*INCLOSSB	During the past 12 months, how much net income or loss was received from payments from other rental units?	465	NUM(8)
	*L		
	CAPI Section 22		
	<b>N(Y061)</b>		
*INCL_SSB	<b>N(Y061)</b>	473	CHAR(1)
INCLOSBM	During the past 12 months, how much net income or loss was received from payments from other rental units?	5770	NUM(11.1)
	*L		
	CAPI Section 22		
INCL_SBM		5781	CHAR(1)
INCLOSB1		5782	NUM(9)

INCLOSB2		5791	NUM(9)
INCLOSB3		5800	NUM(9)
INCLOSB4		5809	NUM(9)
INCLOSB5		5818	NUM(9)
INCLOSBI		5827	NUM(3)
INCLOSBB	Bracketed variable for INCLOSBM	4704	CHAR(2)
CODED			
00 Loss			
01 \$0 - \$999			
02 \$1,000 - \$1,999			
03 \$2,000 - \$2,999			
04 \$3,000 - \$3,999			
05 \$4,000 - \$4,999			
06 \$5,000 - \$9,999			
07 \$10,000 - \$14,999			
08 \$15,000 - \$19,999			
09 \$20,000 - \$29,999			
10 \$30,000 - \$39,999			
11 \$40,000 - \$49,999			
12 \$50,000 and over			
CAPI Section 22			
INCL_SBB		4706	CHAR(1)
INCLSBBX	Median of bracket range of INCLOSBB	4707	NUM(6)
	*L		
	BLS derived		
INCL_BBX		4713	CHAR(1)
*CHDOTHX	During the past 12 months, what was the total amount of income from child support payments in other than a lump sum amount received by ALL CU members?	3329	NUM(8)
CAPI Section 22			
<b>N(Y061)</b>			
*CHDOTHX_	<b>N(Y061)</b>	3337	CHAR(1)
CHDOTHXM	During the past 12 months, what was the total amount of income from child support payments in other than a lump sum amount received by ALL CU members?	4842	NUM(10.1)
CAPI Section 22			
CHDO_HXM		4852	CHAR(1)
CHDOTHX1		4853	NUM(8)

CHDOTHX2		4861	NUM(8)
CHDOTHX3		4869	NUM(8)
CHDOTHX4		4877	NUM(8)
CHDOTHX5		4885	NUM(8)
CHDOTHXI		4893	NUM(3)
CHDOTHB	Bracketed variable for CHDOTHXM	4724	CHAR(2)
	CODDED		
	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		
CHDOTHB_		4726	CHAR(1)
CHDOTHBX	Median of bracket range of CHDOTHB	4727	NUM(6)
	BLS derived		
CHDO_HBX		4733	CHAR(1)
*ALIOTHX	During the past 12 months, what was the total amount of income from regular contributions from alimony and other sources such as from persons outside the CU received by ALL CU members?	3338	NUM(8)
	CAPI Section 22		
	<b>N(Y061)</b>		
*ALIOTHX_	<b>N(Y061)</b>	3346	CHAR(1)
ALIOTHXM	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?	4788	NUM(10.1)
	CAPI Section 22		
ALIO_HXM		4798	CHAR(1)
ALIOTHX1		4799	NUM(8)



ALIOTHX2		4807	NUM(8)
ALIOTHX3		4815	NUM(8)
ALIOTHX4		4823	NUM(8)
ALIOTHX5		4831	NUM(8)
ALIOTHXI		4839	NUM(3)
ALIOTHB	Bracketed variable for ALIOTHXM	4734	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		
ALIOTHB_		4736	CHAR(1)
ALIOTHBX	Median of bracket range of ALIOTHB	4737	NUM(6)
	BLS derived		
ALIO_HBX		4743	CHAR(1)
*OTHRINCX	During the past 12 months, what was the total amount of other money income, including money received from cash scholarships and fellowships, stipends not based on working, or from the care of foster children, received by ALL CU members?	615	NUM(8)
	CAPI Section 22		
	<b>N(Y061)</b>		
*OTHR_NCX	<b>N(Y061)</b>	623	CHAR(1)
OTHRINCM	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?	5884	NUM(10.1)
	CAPI Section 22		
OTHR_NCM		5894	CHAR(1)

OTHRINC1		5895	NUM(8)
OTHRINC2		5903	NUM(8)
OTHRINC3		5911	NUM(8)
OTHRINC4		5919	NUM(8)
OTHRINC5		5927	NUM(8)
OTHRINCI		5935	NUM(3)
OTHRINCB	Bracketed variable for OTHRINCM	4764	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22		
OTHR_NCB		4766	CHAR(1)
OTRINCBX	Median of bracket range of OTHRINCB	4767	NUM(6)
	BLS derived		
OTRI_CBX		4773	CHAR(1)
*FOODSMPX	Value of all food stamps and electronic benefits received	4677	NUM(6)
	CAPI Section 22		
	<b>N(Y061)</b>		
*FOOD_MPX	<b>N(Y061)</b>	4683	CHAR(1)
FOODSMPM	Value of all food stamps and electronic benefits received	5370	NUM(10.1)
	CAPI Section 22		
FOOD_MPM		5380	CHAR(1)
FOODSMP1		5381	NUM(8)
FOODSMP2		5389	NUM(8)
FOODSMP3		5397	NUM(8)

FOODSMP4		5405	NUM(8)
FOODSMP5		5413	NUM(8)
FOODSMPI		5421	NUM(3)
FOODSMPB	Bracketed variable for FOODXMPM	4684	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22		
FOOD_MPB		4686	CHAR(1)
FOODSPBX	Median of bracket range of FOODSMPB	4687	NUM(6)
	BLS derived		
FOOD_PBX		4693	CHAR(1)
COLPLAN	Description: '1' = CU put money into a tax-deferred or tax free educational savings plan '2' = CU did not put money into a tax-deferred or tax free educational savings Account.	6210	CHAR(1)
	CAPI Section 22		
COLPLAN_		6211	CHAR(1)
COLPLANX	Amount CU put into a tax-deferred or tax-free educational savings plan	6212	NUM(8)
	CAPI Section 22		
COLP_ANX		6220	CHAR(1)

f. **OTHER MONEY RECEIPTS**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
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)  BLS derived	572	NUM(8)
NONI_CMX		580	CHAR(1)
LUMPSUMX	During the past 12 months, what was the total amount received from lump sum payments from estates, trusts, royalties, alimony, prizes, games of chance, or from persons outside of the CU by ALL CU members?  CAPI Section 22	527	NUM(8)
LUMP_UMX		535	CHAR(1)
LUMPSUMB	Bracketed variable for LUMPSUMX  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	4744	CHAR(2)
LUMP_UMB		4746	CHAR(1)
LMPSUMBX	Median of bracket range of LUMPSUMB  BLS derived	4747	NUM(6)
LMPS_MBX		4753	CHAR(1)
CHDLMPX	During the past 12 months, what was the total amount received from a one time lump sum payment for child support by ALL CU members?  CAPI Section 22	3347	NUM(8)

CHDLMPX_		3355	CHAR(1)
CHDLMPB	Bracketed variable for CHDLMPX	4714	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22		
CHDLMPB_		4716	CHAR(1)
CHDLMPBX	Median of bracket range of CHDLMPB	4717	NUM(6)
	BLS derived		
CHDL_PBX		4723	CHAR(1)
SALEINCX	During the past 12 months, what was the total amount received from the sale of household furnishings, equipment, clothing, jewelry, pets or other belongings, excluding the sale of vehicles or property by ALL CU members?	687	NUM(8)
	CAPI Section 22		
SALE_NCX		695	CHAR(1)
SALEINCB	Bracketed variable for SALEINCX	4754	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		

SALE_NCB		4756	CHAR(1)
SALINCBX	Median of bracket range of SALEINCB BLS derived	4757	NUM(6)
SALI_CBX		4763	CHAR(1)
SSOVERPX	During the past 12 months, what was the total amount of refund received from overpayment on Social Security by ALL CU members? CAPI Section 22	761	NUM(8)
SSOV_RPX		769	CHAR(1)
INSRFNDX	During the past 12 months, what was the total amount of refund received from insurance policies by ALL CU members? CAPI Section 22	488	NUM(8)
INSR_NDX		496	CHAR(1)
PTAXRFDX	During the past 12 months, what was the total amount of refund received from property taxes by ALL CU members? CAPI Section 22	643	NUM(8)
PTAX_FDX		651	CHAR(1)

**g. TAXES**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*TOTTXPDX	Amount of personal taxes paid by CU in past 12 months (FAMTFEDX + FSLTAXX + FEDTAXX + SLOCTAXX + TAXPROPX + MISCTAXX – (FEDRFNDX + SLRFUNDX + OTHRFNDX)) *L BLS derived <b>N(Y061)</b>	781	NUM(9)
*TOTT_PDX	<b>N(Y061)</b>	790	CHAR(1)
TOTTXPDM	Amount of personal taxes paid by CU in past 12 months (FAMTFEDM + FSLTAXXM + FEDTAXX + SLOCTAXX + TAXPROPX + MISCTAXX - (FEDRFNDX + SLRFUNDX + OTHRFNDX)) *L BLS derived	6019	NUM(11.1)
TOTT_PDM		6030	CHAR(1)

TOTTXPD1		6031	NUM(9)
TOTTXPD2		6040	NUM(9)
TOTTXPD3		6049	NUM(9)
TOTTXPD4		6058	NUM(9)
TOTTXPD5		6067	NUM(9)
*FAMTFEDX	Amount of Federal income tax deducted from last pay annualized for all CU members (sum ANFEDTX from MEMB file for all CU members)	247	NUM(8)
	BLS derived <b>N(Y061)</b>		
*FAMT_EDX	<b>N(Y061)</b>	255	CHAR(1)
FAMTFEDM	Amount of Federal income tax deducted from last pay annualized for all CU members (sum ANFEDTXM from MEMB file for all CU members)	4974	NUM(9.1)
	BLS derived		
FAMT_EDM		4983	CHAR(1)
FAMTFED1		4984	NUM(8)
FAMTFED2		4992	NUM(8)
FAMTFED3		5000	NUM(8)
FAMTFED4		5008	NUM(8)
FAMTFED5		5016	NUM(8)
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?	265	NUM(8)
	CAPI Section 22		
FEDTAXX_		273	CHAR(1)
FEDRFNDX	During the past 12 months, what was the total amount of refund received from Federal income tax by ALL CU members?	256	NUM(8)
	CAPI Section 22		
FEDR_NDX		264	CHAR(1)

*FSLTAXX	Amount of state and local income taxes deducted from last pay annualized for all CU members (sum ANSLTX from MEMB file for all CU members)	397	NUM(8)
	BLS derived <b>N(Y061)</b>		
*FSLTAXX_	<b>N(Y061)</b>	405	CHAR(1)
FSLTAXXM	Amount of state and local income taxes deducted from last pay annualized for all CU members (sum ANSLTXM from MEMB file for all CU members)	5550	NUM(10.1)
	BLS derived		
FSLT_XXM		5560	CHAR(1)
FSLTAXX1		5561	NUM(8)
FSLTAXX2		5569	NUM(8)
FSLTAXX3		5577	NUM(8)
FSLTAXX4		5585	NUM(8)
FSLTAXX5		5593	NUM(8)
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?	742	NUM(8)
	CAPI Section 22		
SLOC_AXX		750	CHAR(1)
SLRFUNDX	During the past 12 months, what was the total amount of refund received from state and local income tax by ALL CU members?	751	NUM(8)
	CAPI Section 22		
SLRF_NDX		759	CHAR(1)
TAXPROPX	During the past 12 months, what was the total amount PAID for personal property taxes <b>for vehicles</b> by ALL CU members?	772	NUM(8)
	CAPI Section 22		
TAXP_OPX		780	CHAR(1)
MISCTAXX	During the past 12 months, what was the total amount PAID for <b>personal property taxes</b> and other taxes not reported elsewhere by ALL CU members?	515	NUM(8)
	CAPI Section 22		



MISC_AXX		523	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?	606	NUM(8)
	CAPI Section 22		
OTHR_NDX		614	CHAR(1)

**h. RETIREMENT AND PENSION DEDUCTIONS**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*FJSSDEDX	Estimated amount of income contributed to Social Security by all CU members in past 12 months (sum JSSDEDX from MEMB file for all CU members)	342	NUM(8)
	BLS derived <b>N(Y061)</b>		
*FJSS_EDX	<b>N(Y061)</b>	350	CHAR(1)
FJSSDEDM	Estimated amount of income contributed to Social Security by all CU members in past 12 months (sum JSSDEDXM from MEMB file for all CU members)	5259	NUM(10.1)
	BLS derived		
FJSS_EDM		5269	CHAR(1)
FJSSDED1		5270	NUM(8)
FJSSDED2		5278	NUM(8)
FJSSDED3		5286	NUM(8)
FJSSDED4		5294	NUM(8)
FJSSDED5		5302	NUM(8)
*FRRDEDX	Amount of Railroad Retirement deducted from last pay, annualized for all CU members (sum ANRRDEDX from MEMB file for all CU members)	370	NUM(8)
	BLS derived <b>N(Y061)</b>		
*FRRDEDX_	<b>N(Y061)</b>	378	CHAR(1)

FRRDEDM	Amount of Railroad Retirement deducted from last pay, annualized for all CU members (sum ANRRDEDM from MEMB file for all CU members)	5433	NUM(8)
	BLS derived		
FRRDEDM_		5441	CHAR(1)
*FGOVRETX	Amount of government retirement deducted from last pay, annualized for all CU members (sum ANGOVRTX from MEMB file for all CU members)	284	NUM(8)
	BLS derived		
	<b>N(Y061)</b>		
*FGOV_ETX	<b>N(Y061)</b>	292	CHAR(1)
FGOVRETM	Amount of government retirement deducted from last pay, annualized for all CU members (sum ANGOVRTM from MEMB file for all CU members)	5079	NUM(8)
	BLS derived		
FGOV_ETM		5087	CHAR(1)
*FPRIPENX	Amount of private pensions deducted from last pay, annualized, for all CU members (sum ANPRVPNX from MEMB file for all CU members)	361	NUM(8)
	BLS derived		
	<b>N(Y061)</b>		
*FPRI_ENX	<b>N(Y061)</b>	369	CHAR(1)
FPRIENM	Amount of private pensions deducted from last pay, annualized, for all CU members (sum ANPRVPM from MEMB file for all CU members)	5424	NUM(8)
	BLS derived		
FPRI_ENM		5432	CHAR(1)
FINDRETX	Amount of money placed in an individual retirement plan, such as an IRA or Keogh, by all CU members in past 12 months (sum INDRETX from MEMB file for all CU members)	313	NUM(8)
	BLS derived		
FIND_ETX		321	CHAR(1)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	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?  CAPI Section 22	696	NUM(10)
SAVA_CTX		706	CHAR(1)
COMPSAV	How does the amount your CU had at the end of the last day of ( <i>last month</i> ) compare with the amount your CU had on the last day of ( <i>last month, one year ago</i> ) in savings accounts? CODED 1 Same 2 More 3 Less  CAPI Section 22	185	CHAR(1)
COMPSAV_		186	CHAR(1)
COMPSAVX	How much more (less) in savings accounts? *L  CAPI Section 22	187	NUM(8)
COMP_AVX		195	CHAR(1)
CKBKACTX	On the last day of ( <i>last month</i> ), what was the total amount your CU had in checking accounts, brokerage accounts and other similar accounts?  CAPI Section 22	85	NUM(10)
CKBK_CTX		95	CHAR(1)
COMPCKG	How does the amount your CU had at the end of the last day of ( <i>last month</i> ) compare with the amount your CU had on the last day of ( <i>last month, one year ago</i> ) in checking accounts? CODED 1 Same 2 More 3 Less  CAPI Section 22	154	CHAR(1)
COMPCKG_		155	CHAR(1)

COMPCKGX	How much more (less) in checking accounts? *L	156	NUM(8)
	CAPI Section 22		
COMP_KGX		164	CHAR(1)
USBNDX	On the last day of ( <i>last month</i> ), what was the total amount your CU had in U.S. Savings bonds?	800	NUM(8)
	CAPI Section 22		
USBNDX_		808	CHAR(1)
COMPBND	How does the amount your CU had at the end of the last day of ( <i>last month</i> ) compare with the amount your CU had on the last day of ( <i>last month, one year ago</i> ) in U.S. Savings bonds? CODED 1 Same 2 More 3 Less	143	CHAR(1)
	CAPI Section 22		
COMPBND_		144	CHAR(1)
COMPBNDX	How much more (less) in U.S. Savings bonds? *L	145	NUM(8)
	CAPI Section 22		
COMP_NDX		153	CHAR(1)
SECESTX	What was the estimated value of securities, such as stocks, mutual funds, private bonds, government bonds or Treasury notes owned by you (or any members of your CU) on the last day of ( <i>last month</i> )?	707	NUM(10)
	CAPI Section 22		
SECESTX_		717	CHAR(1)
COMPSEC	How does this compare with the value of such securities your CU held on the last day of ( <i>last month, one year ago</i> )? CODED 1 Same 2 More 3 Less	196	CHAR(1)
	CAPI Section 22		
COMPSEC_		197	CHAR(1)

COMPSECX	How much more (less) is the estimated value of such securities? *L	198	NUM(8)
	CAPI Section 22		
COMP_ECX		206	CHAR(1)
PURSSECX	During the past 12 months, what was the purchase price including broker fees of any stocks, mutual funds or bonds bought by you (or any members of your CU)?	654	NUM(8)
	CAPI Section 22		
PURS_ECX		662	CHAR(1)
SELLSECX	During the past 12 months, what was the net amount received from sales of any stocks, mutual funds or bonds after subtracting broker fees by you (or any members of your CU)?	718	NUM(10)
	CAPI Section 22		
SELL_ECX		728	CHAR(1)
BSINVSTX	During the past 12 months, how much did you (or any members of your CU) invest in your own business or farm?	50	NUM(10)
	CAPI Section 22		
BSIN_STX		60	CHAR(1)
WDBSASTX	During the past 12 months, what was the value of any assets you (or any members of your CU) withdrew from your own business or farm?	812	NUM(10)
	CAPI Section 22		
WDBS_STX		822	CHAR(1)
WDBSGDSX	During the past 12 months, what was the value of any goods or services you (or any members of your CU) withdrew from your own farm or business for personal use?	823	NUM(8)
	CAPI Section 22		
WDBS_DSX		831	CHAR(1)
MONEYWDX	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> )?	547	NUM(8)
	CAPI Section 22		
MONEY_WDX		555	CHAR(1)

COMPOWD	How does the amount owed to your CU on the last day of ( <i>last month</i> ) compare with the amount owed to your CU by persons outside your CU on the last day of ( <i>last month, one year ago</i> )? CODED 1 Same 2 More 3 Less  CAPI Section 22	174	CHAR(1)
COMPOWD_		175	CHAR(1)
COMPOWDX	How much more (less) is owed to your CU by persons outside your CU? *L  CAPI Section 22	176	NUM(8)
COMP_WDX		184	CHAR(1)
SETLINSX	During the past 12 months, how much did you (or any members of your CU) receive in settlement on surrender of any insurance policies (life or annuity)?  CAPI Section 22	729	NUM(8)
SETL_NSX		737	CHAR(1)

j. **HOUSING STRUCTURE**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
BUILDING	Which best describes this building? CODED 01 Single family detached (detached structure with only one primary residence; however, the structure could include a rental unit(s) in the basement, attic, etc.) 02 Row or townhouse inner unit (2, 3 or 4 story structure with 2 walls in common with other units and a private ground level entrance; it may have a rental unit as part of structure) 03 End row or end townhouse (one common wall) 04 Duplex (detached two unit structure with one common wall between the units) 05 3-plex or 4-plex (3 or 4 unit structure with all units occupying the same level or levels) 06 Garden (a multi-unit structure, usually wider than it is high, having 2, 3, or possibly 4 floors; characteristically the units not only have common walls but are also stacked on top of one another) 07 High-rise (a multi-unit structure which has 4 or more floors) 08 Apartment or flat (a unit not described above; could be located in the basement, attic, second floor or over the garage of one of the units described above) 09 Mobile home or trailer 10 College dormitory 11 Other  CAPI Section 1	61	CHAR(2)
BUIL_ING		63	CHAR(1)
UNISTRQ	How many housing units, both occupied and vacant, are in this structure?  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	4606	CHAR(2)
UNISTRQ_		4608	CHAR(1)

*LOT_SIZE	What is the approximate size of the lot on which this unit is located?	524	CHAR(2)
	CODED 01 1 acre or less 02 2 acres 03 3 to 5 acres 04 6 to 10 acres 05 greater than 10 acres 06 No lot		
	CAPI Section 1 <b>D(Y062)</b>		
*LOT__IZE	<b>D(Y062)</b>	526	CHAR(1)
YRBUILT	About when was this building originally built?	4609	CHAR(4)
	CAPI Section 1		
YRBUILT_		4613	CHAR(1)
ST_HOUS	Are these living quarters presently used as student housing by a college or university?	770	CHAR(1)
	CODED 1 Yes 2 No		
	CAPI Section 1		
ST_HOUS_		771	CHAR(1)
PUBLHOUS	Is this house in a public housing project, that is, is it owned by a local housing authority or other local public agency?	652	CHAR(1)
	CODED 1 Yes 2 No		
	CAPI Section 1		
PUBL_OUS		653	CHAR(1)
GOVTCOST	Are your housing costs lower because the Federal, State, or local government is paying part of the cost? (PUBLHOUS = 2)	421	CHAR(1)
	CODED 1 Yes 2 No		
	CAPI Section 1		
GOVT_OST		422	CHAR(1)



DIRACC	Access to living quarters CODED 1 Direct access to living quarters 2 Access through another housing unit  Control card	9	CHAR(1)
DIRACC_		10	CHAR(1)
ROOMSQ	How many rooms are there in this unit, including finished living areas and excluding all baths?  CAPI Section 1	683	NUM(3)
ROOMSQ_		686	CHAR(1)
BEDROOMQ	How many bedrooms are there in this unit?  CAPI Section 1	45	NUM(3)
BEDR_OMQ		48	CHAR(1)
BATHRMQ	How many complete bathrooms are there in this unit?  CAPI Section 1	41	NUM(3)
BATHRMQ_		44	CHAR(1)
HLFBATHQ	How many half bathrooms are there in this unit?  CAPI Section 1	423	NUM(3)
HLFB_THQ		426	CHAR(1)
HEATFUEL	What fuel is used most for heating this unit?  CODED 01 Gas (underground pipes) 02 Electricity 03 Fuel oil 04 Other 05 No fuel used  CAPI Section 1	3292	CHAR(2)
HEAT_UEL		3294	CHAR(1)

WATERHT	What fuel is used for heating water in this unit?	3307	CHAR(2)
	CODED		
	01 Gas (underground pipes)		
	02 Electricity		
	03 Fuel oil		
	04 Other – specify		
	05 No fuel used		
	CAPI Section 1		
WATERHT_		3309	CHAR(1)
COOKING	What fuel is used most for cooking?	4200	CHAR(2)
	CODED		
	01 Gas (underground piping)		
	02 Electricity		
	03 Fuel oil		
	04 Other fuel		
	05 No fuel used		
	CAPI Section 1		
COOKING_		4202	CHAR(1)
SWIMPOOL	Does this unit have any of the following?	3298	CHAR(2)
	CODED		
	01 Swimming pool		
	CAPI Section 1		
SWIM_OOL		3300	CHAR(1)
PORCH	Does this unit have any of the following?	4203	CHAR(2)
	CODED		
	03 Porch, terrace, patio, or balcony		
	CAPI Section 1		
PORCH_		4205	CHAR(1)
APTMENT	See SWIMPOOL for question and source.	3310	CHAR(2)
	CODED		
	04 Apartment or guest house		
APTMENT_		3312	CHAR(1)
OFSTPARK	See SWIMPOOL for question and source.	3313	CHAR(2)
	CODED		
	02 Off street parking		
OFST_ARK		3315	CHAR(1)

WINDOWAC	See SWIMPOOL for question and source. CODED 06 Window air conditioning	3316	CHAR(2)
WIND_WAC		3318	CHAR(1)
CNTRALAC	See SWIMPOOL for question and source. CODED 05 Central air conditioning	3319	CHAR(2)
CNTR_LAC		3321	CHAR(1)
RENTEQVX	If someone were to rent your home today, how much do you think it would rent for monthly, unfurnished and without utilities?  CAPI Section 3	674	NUM(6)
RENT_QVX		680	CHAR(1)

k. **WEIGHTS**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
FINLWT21	CU replicate weight #45 (total sample)  BLS derived	331	NUM(11,3)
<i>The following are the 44 half sample replicate weights WTREP01 through WTREP44 which are used for variance computations. They are all BLS derived variables.</i>			
WTREP01	CU replicate weight # 01	841	NUM(11,3)
WTREP02	CU replicate weight # 02	852	NUM(11,3)
WTREP03	CU replicate weight # 03	863	NUM(11,3)
WTREP04	CU replicate weight # 04	874	NUM(11,3)
WTREP05	CU replicate weight # 05	885	NUM(11,3)
WTREP06	CU replicate weight # 06	896	NUM(11,3)
WTREP07	CU replicate weight # 07	907	NUM(11,3)
WTREP08	CU replicate weight # 08	918	NUM(11,3)
WTREP09	CU replicate weight # 09	929	NUM(11,3)
WTREP10	CU replicate weight # 10	940	NUM(11,3)
WTREP11	CU replicate weight # 11	951	NUM(11,3)

WTREP12	CU replicate weight # 12	962	NUM(11,3)
WTREP13	CU replicate weight # 13	973	NUM(11,3)
WTREP14	CU replicate weight # 14	984	NUM(11,3)
WTREP15	CU replicate weight # 15	995	NUM(11,3)
WTREP16	CU replicate weight # 16	1006	NUM(11,3)
WTREP17	CU replicate weight # 17	1017	NUM(11,3)
WTREP18	CU replicate weight # 18	1028	NUM(11,3)
WTREP19	CU replicate weight # 19	1039	NUM(11,3)
WTREP20	CU replicate weight # 20	1050	NUM(11,3)
WTREP21	CU replicate weight # 21	1061	NUM(11,3)
WTREP22	CU replicate weight # 22	1072	NUM(11,3)
WTREP23	CU replicate weight # 23	1083	NUM(11,3)
WTREP24	CU replicate weight # 24	1094	NUM(11,3)
WTREP25	CU replicate weight # 25	1105	NUM(11,3)
WTREP26	CU replicate weight # 26	1116	NUM(11,3)
WTREP27	CU replicate weight # 27	1127	NUM(11,3)
WTREP28	CU replicate weight # 28	1138	NUM(11,3)
WTREP29	CU replicate weight # 29	1149	NUM(11,3)
WTREP30	CU replicate weight # 30	1160	NUM(11,3)
WTREP31	CU replicate weight # 31	1171	NUM(11,3)
WTREP32	CU replicate weight # 32	1182	NUM(11,3)
WTREP33	CU replicate weight # 33	1193	NUM(11,3)
WTREP34	CU replicate weight # 34	1204	NUM(11,3)
WTREP35	CU replicate weight # 35	1215	NUM(11,3)
WTREP36	CU replicate weight # 36	1226	NUM(11,3)
WTREP37	CU replicate weight # 37	1237	NUM(11,3)
WTREP38	CU replicate weight # 38	1248	NUM(11,3)
WTREP39	CU replicate weight # 39	1259	NUM(11,3)

WTREP40	CU replicate weight # 40	1270	NUM(11,3)
WTREP41	CU replicate weight # 41	1281	NUM(11,3)
WTREP42	CU replicate weight # 42	1292	NUM(11,3)
WTREP43	CU replicate weight # 43	1303	NUM(11,3)
WTREP44	CU replicate weight # 44	1314	NUM(11,3)

## I. SUMMARY EXPENDITURE DATA

### Main Summary Level Expenditure Variables

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

All of the following summary level variables are BLS derived. The composition of each summary expenditure variable is given below the variable description. An underlined UCC represents either a new UCC or a deleted UCC. Please note that new UCCs may not be represented in all quarters. The quarter in which the addition (deletion) to the summary expenditure variable occurs is denoted by a leading superscript directly prior to the UCC code. For example, <sup>N061</sup><UCC> or <sup>D061</sup><UCC> identifies an addition or deletion of a given UCC to the summary expenditure variable beginning in Q061.

### 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 2006Q1 MISCX4CQ(PQ) and TOTEX4PQ(CQ) overestimate

the values of CASHCOPQ(CQ) and a portion of MISC2PQ(CQ) for “fifth interview” CUs and should only be used for population estimates.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
TOTEXPPQ	Total expenditures last quarter (FOODPQ + ALCBEVPQ + HOUSPQ + APPARPQ + TRANSPQ + HEALTHPQ + ENTERTPQ + PERSCAPQ + READPQ + EDUCAPQ + TOBACCPQ + MISCPQ + CASHCOPQ + PERINSPQ)	1325	NUM(12,4)
TOTEXPCQ	Total expenditures this quarter same composition as above	1337	NUM(12,4)
TOTEX4PQ	Adjusted total expenditures last quarter  <i>(To be used for population estimates - see information under Summary Expenditure Data heading.)</i>  TOTEXPPQ - MISCPQ + MISC1PQ + 4*(MISC2PQ)	3387	NUM(12,4)
TOTEX4CQ	Adjusted total expenditures this quarter collected in Interview Survey  <i>(To be used for population estimates - see information under Summary Expenditure Data heading.)</i>  same composition as above	3399	NUM(12,4)
NOTE: *TOTEXPPQ, *TOTEXPCQ, *TOTEX4PQ, and *TOTEX4CQ, totals exclude items which are only collected in the Diary Survey. See Section VIII for a further explanation.			
FOODPQ	Total food last quarter FDHOME PQ + FDAWAY PQ	1349	NUM(12,4)
FOODCQ	Total food this quarter same composition as above	1361	NUM(12,4)
FDHOME PQ	Food at home last quarter 190904 790220 790230	1373	NUM(12,4)
FDHOME CQ	Food at home this quarter same UCCs as above	1385	NUM(12,4)
FDAWAY PQ	Food away from home last quarter FDXMAPPQ + FDMAPPQ	1397	NUM(12,4)
FDAWAY CQ	Food away from home this quarter same composition as above	1409	NUM(12,4)
FDXMAPPQ	Food away excluding meals as pay last quarter 190901 190902 190903 790410 790430	1421	NUM(12,4)

FDXMAPCQ	Food away excluding meals as pay this quarter same UCCs as above	1433	NUM(12,4)
FDMAPPQ	Meals as pay last quarter 800700	1445	NUM(12,4)
FDMAPCQ	Meals as pay this quarter same UCC as above	1457	NUM(12,4)
ALCBEVPQ	Alcoholic beverages last quarter 200900 790310 790320 790420	1469	NUM(12,4)
ALCBEVCQ	Alcoholic beverages this quarter same UCCs as above	1481	NUM(12,4)
HOUSPQ	Housing last quarter SHELTPQ + UTILPQ + HOUSOPPQ + HOUSEQPQ	1493	NUM(12,4)
HOUSCQ	Housing this quarter same composition as above	1505	NUM(12,4)
SHELTPQ	Shelter last quarter OWNDWEPQ + RENDWEPQ + OTHLODPQ	1517	NUM(12,4)
SHELTCQ	Shelter this quarter same composition as above	1529	NUM(12,4)
OWNDWEPQ	Owned dwellings last quarter MRTINTPQ + PROPTXPQ + MRPINSPQ	1541	NUM(12,4)
OWNDWECQ	Owned dwellings this quarter same composition as above	1553	NUM(12,4)
MRTINTPQ	Mortgage interest last quarter 220311 220313 220321 880110	1565	NUM(12,4)
MRTINTCQ	Mortgage interest this quarter same UCCs as above	1577	NUM(12,4)
PROPTXPQ	Property taxes last quarter 220211	1589	NUM(12,4)
PROPTXCQ	Property taxes this quarter same UCC as above	1601	NUM(12,4)
MRPINSPQ	Maintenance, repairs, insurance, and other expenses last quarter 210901 220121 220901 230112 230113 230114 230115 230122 230142 230151 230901 240112 240122 240212 240213 240222 240312 240322 320612 320622 320632 340911 990930	1613	NUM(12,4)
MRPINSCQ	Maintenance, repairs, insurance, and other expenses this quarter same UCCs as above	1625	NUM(12,4)

RENDWEPQ	Rented dwelling last quarter RNTXRPPQ + RNTAPYPQ	1637	NUM(12,4)
RENDWECQ	Rented dwellings this quarter same composition as above	1649	NUM(12,4)
RNTXRPPQ	Rent excluding rent as pay last quarter 210110 230121 230141 230150 240111 240121 240211 240221 240311 240321 320611 320621 320631 350110 790690 990920	1661	NUM(12,4)
RNTXRPCQ	Rent excluding rent as pay this quarter same UCCs as above	1673	NUM(12,4)
RNTAPYPQ	Rent as pay last quarter 800710	1685	NUM(12,4)
RNTAPYCQ	Rent as pay this quarter same UCC as above	1697	NUM(12,4)
OTHLODPQ	Other lodging last quarter 210210 210310 210902 220122 220212 220312 220314 220322 220902 230123 230152 230902 240113 240123 240214 240223 240313 240323 320613 320623 320633 340912 880310 990940	1709	NUM(12,4)
OTHLODCQ	Other lodging this quarter same UCCs as above	1721	NUM(12,4)
UTILPQ	Utilities, fuels and public services last quarter NTLGASPQ + ELCTRCPQ + ALLFULPQ + TELEPHPQ + WATRPSPQ	1733	NUM(12,4)
UTILCQ	Utilities, fuels and public services this quarter same composition as above	1745	NUM(12,4)
NTLGASPQ	Natural gas last quarter 260211 260212 260213 260214	1757	NUM(12,4)
NTLGASCQ	Natural gas this quarter same UCCs as above	1769	NUM(12,4)
ELCTRCPQ	Electricity last quarter 260111 260112 260113 260114	1781	NUM(12,4)
ELCTRCCQ	Electricity this quarter same UCCs as above	1793	NUM(12,4)
ALLFULPQ	Fuel oil and other fuels last quarter FULOILPQ + OTHFLSPQ	1805	NUM(12,4)
ALLFULCQ	Fuel oil and other fuels this quarter same composition as above	1817	NUM(12,4)



FULOILPQ	Fuel oil last quarter 250111 250112 250113 250114	1829	NUM(12,4)
FULOILCQ	Fuel oil this quarter same UCCs as above	1841	NUM(12,4)
OTHFLSPQ	Other fuels last quarter 250211 250212 250213 250214 250911 250912 250913 250914	1853	NUM(12,4)
OTHFLSCQ	Other fuels this quarter same UCCs as above	1865	NUM(12,4)
*TELEPHPQ	Telephone services last quarter 270101 270102 <sup>D062</sup> 270103 270104	1877	NUM(12,4)
TELEPHCQ	Telephone services this quarter same UCCs as above	1889	NUM(12,4)
WATRPSPQ	Water and other public services last quarter 270211 270212 270213 270214 270411 270412 270413 270414 270901 270902 270903 270904	1901	NUM(12,4)
WATRPSCQ	Water and other public services this quarter same UCCs as above	1913	NUM(12,4)
HOUSOPPQ	Household operations last quarter DOMSRVPQ + OTHHEXPQ	1925	NUM(12,4)
HOUSOPCQ	Household operations this quarter same composition as above	1937	NUM(12,4)
DOMSRVPQ	Domestic services last quarter DMSXCCPQ + BBYDAYPQ	1949	NUM(12,4)
DOMSRVCQ	Domestic services this quarter same composition as above	1961	NUM(12,4)
DMSXCCPQ	Domestic services excluding child care last quarter 340310 340410 340420 340520 340530 340903 340906 340910 340914	1973	NUM(12,4)
DMSXCCCQ	Domestic services excluding child care this quarter same UCCs as above	1985	NUM(12,4)
BBYDAYPQ	Babysitting and child day care last quarter 340211 340212 670310	1997	NUM(12,4)
BBYDAYCQ	Babysitting and child day care this quarter same UCCs as above	2009	NUM(12,4)
OTHHEXPQ	Other household expenses last quarter 330511 340510 340620 340630 340901 340907 340908 340915 690113 690114 690116 990900	2021	NUM(12,4)

OTHHEXCQ	Other household expenses this quarter same UCCs as above	2033	NUM(12,4)
HOUSEQPQ	House furnishings and equipment last quarter TEXTILPQ + FURNTRPQ + FLRCVRPQ + MAJAPPPQ + SMLAPPPQ + MISCEQPQ	2045	NUM(12,4)
HOUSEQCQ	House furnishings and equipment this quarter same composition as above	2057	NUM(12,4)
TEXTILPQ	Household textiles last quarter 280110 280120 280130 280210 280220 280230 280900	2069	NUM(12,4)
TEXTILCQ	Household textiles this quarter same UCCs as above	2081	NUM(12,4)
FURNTRPQ	Furniture last quarter 290110 290120 290210 290310 290320 290410 290420 290430 290440	2093	NUM(12,4)
FURNTRCQ	Furniture this quarter same UCCs as above	2105	NUM(12,4)
FLRCVRPQ	Floor coverings last quarter 230133 230134 320111 320163	2117	NUM(12,4)
FLRCVRCQ	Floor coverings this quarter same UCCs as above	2129	NUM(12,4)
MAJAPPPQ	Major appliances last quarter 230117 230118 300111 300112 300211 300212 300221 300222 300311 300312 300321 300322 300331 300332 300411 300412 320511 320512	2141	NUM(12,4)
MAJAPPCQ	Major appliances this quarter same UCCs as above	2153	NUM(12,4)
SMLAPPPQ	Small appliances, miscellaneous housewares last quarter 320310 320320 320330 320340 320350 320360 320370 320521 320522	2165	NUM(12,4)
SMLAPPCQ	Small appliances, miscellaneous housewares this quarter same UCCs as above	2177	NUM(12,4)
MISCEQPQ	Miscellaneous household equipment last quarter 320120 320130 320150 320210 320220 320231 320232 320410 320420 320901 320902 320903 320904 340904 430130 690111 690112 690115 690210 690230 690241 690242 690243 690244 690245	2189	NUM(12,4)
MISCEQCQ	Miscellaneous household equipment this quarter	2201	NUM(12,4)

	same UCCs as above		
APPARPQ	Apparel and services last quarter MENBOYPQ + WOMGRLPQ + CHLDRNPQ + FOOTWRPQ + OTHAPLPQ	2213	NUM(12,4)
APPARCQ	Apparel and services this quarter Same composition as above	2225	NUM(12,4)
MENBOYPQ	Clothing for men and boys last quarter MENSIXPQ + BOYFIFPQ	2237	NUM(12,4)
MENBOYCQ	Clothing for men and boys this quarter same composition as above	2249	NUM(12,4)
MENSIXPQ	Clothing for men, 16 and over last quarter 360110 360120 360210 360311 360312 360320 360330 360340 360350 360410 360511 360512 360901 360902	2261	NUM(12,4)
MENSIXCQ	Clothing for men, 16 and over this quarter same UCCs as above	2273	NUM(12,4)
BOYFIFPQ	Clothing for boys, 2 to 15 last quarter 370110 370120 370130 370211 370212 370213 370220 370311 370312 370313 370902 370903 370904	2285	NUM(12,4)
BOYFIFCQ	Clothing for boys, 2 to 15 this quarter same UCCs as above	2297	NUM(12,4)
WOMGRLPQ	Clothing for women and girls last quarter WOMSIXPQ + GRLFIFPQ	2309	NUM(12,4)
WOMGRLCQ	Clothing for women and girls this quarter same composition as above	2321	NUM(12,4)
WOMSIXPQ	Clothing for women, 16 and over last quarter 380110 380210 380311 380312 380313 380320 380331 380332 380340 380410 380420 380430 380510 380901 380902 380903	2333	NUM(12,4)
WOMSIXCQ	Clothing for women, 16 and over this quarter same UCCs as above	2345	NUM(12,4)
GRLFIFPQ	Clothing for girls, 2 to 15 last quarter 390110 390120 390210 390221 390222 390230 390310 390321 390322 390901 390902	2357	NUM(12,4)
GRLFIFCQ	Clothing for girls, 2 to 15 this quarter same UCCs as above	2369	NUM(12,4)
CHLDRNPQ	Clothing for children under 2 last quarter 410110 410120 410130 410140 410901	2381	NUM(12,4)
CHLDRNCQ	Clothing for children under 2 this quarter	2393	NUM(12,4)

	same UCCs as above		
FOOTWRPQ	Footwear last quarter 400110 400210 400220 400310	2405	NUM(12,4)
FOOTWRCQ	Footwear this quarter same UCCs as above	2417	NUM(12,4)
OTHAPLPQ	Other apparel products and services last quarter 420110 420120 430110 430120 440110 440120 440130 440140 440150 440210 440900	2429	NUM(12,4)
OTHAPLCQ	Other apparel products and services this quarter same UCCs as above	2441	NUM(12,4)
TRANSPQ	Transportation last quarter CARTKNPQ + CARTKUPQ + OTHVEHPQ + GASMOPQ + VEHFINPQ + MAINRPPQ + VEHINSPQ + VRNTLOPQ + PUBTRAPQ	2453	NUM(12,4)
TRANSCQ	Transportation this quarter same composition as above	2465	NUM(12,4)
CARTKNPQ	Cars and trucks, new (net outlay) last quarter 450110 450210	2477	NUM(12,4)
CARTKNCQ	Cars and trucks, new (net outlay) this quarter same UCCs as above	2489	NUM(12,4)
CARTKUPQ	Cars and trucks, used (net outlay) last quarter 460110 460901	2501	NUM(12,4)
CARTKUCQ	Cars and trucks, used (net outlay) this quarter same UCCs as above	2513	NUM(12,4)
OTHVEHPQ	Other vehicles last quarter 450220 460902	2525	NUM(12,4)
OTHVEHCQ	Other vehicles this quarter same UCCs as above	2537	NUM(12,4)
GASMOPQ	Gasoline and motor oil last quarter 470111 470112 470113 470211 470212	2549	NUM(12,4)
GASMOCQ	Gasoline and motor oil this quarter same UCCs as above	2561	NUM(12,4)
VEHFINPQ	Vehicle finance charges last quarter 510110 510901 510902 850300	2573	NUM(12,4)
VEHFINCQ	Vehicle finance charges this quarter same UCCs as above	2585	NUM(12,4)
MAINRPPQ	Maintenance and repairs last quarter 470220 480110 480212 480213 480214 480215	2597	NUM(12,4)

	490110 490211 490212 490221 490231 490232 490311 490312 490313 490314 490318 490319 490411 490412 490413 490501 490900		
MAINRPCQ	Maintenance and repairs this quarter same UCCs as above	2609	NUM(12,4)
VEHINSPQ	Vehicle insurance last quarter 500110	2621	NUM(12,4)
VEHINSCQ	Vehicle insurance this quarter same UCC as above	2633	NUM(12,4)
*VRNTLOPQ	Vehicle rental, leases, licenses, and other charges last quarter 450310 450313 450314 450410 450413 450414 N061 520110 D061 520111 D061 520112 520310 520410 520511 520512 520521 520522 520531 520532 520541 520542 520550 520560 520902 D061 520903 520905 D061 520906 620113	2645	NUM(12,4)
VRNTLOCQ	Vehicle rental, leases, licenses, and other charges this quarter same UCCs as above	2657	NUM(12,4)
PUBTRAPQ	Public transportation last quarter TRNTRPPQ + TRNOTHPQ	2669	NUM(12,4)
PUBTRACQ	Public transportation this quarter same composition as above	2681	NUM(12,4)
TRNTRPPQ	Public transportation on trips last quarter 530110 530210 530312 530411 530510 530901	2693	NUM(12,4)
TRNTRPCQ	Public transportation on trips this quarter same UCCs as above	2705	NUM(12,4)
TRNOTHPQ	Local public transportation, excluding on trips last quarter 530311 530412 530902	2717	NUM(12,4)
TRNOTHCQ	Local public transportation, excluding on trips this quarter same UCCs as above	2729	NUM(12,4)
HEALTHPQ	Health care last quarter HLTHINPQ + MEDSRVPQ + PREDRGPQ + MEDSUPPQ	2741	NUM(12,4)
HEALTHCQ	Health care this quarter same composition as above	2753	NUM(12,4)
*HLTHINPQ	Health insurance last quarter 580111 580112 580113 580114 580311 580312 580400 580901 580903 580904 580905 580906 N062 580907	2765	NUM(12,4)
HLTHINCQ	Health insurance this quarter same UCCs as above	2777	NUM(12,4)

MEDSRVPQ	Medical services last quarter 560110 560210 560310 560330 560400 570111 570220 570230 570240	2789	NUM(12,4)
MEDSRVCQ	Medical services this quarter same UCCs as above	2801	NUM(12,4)
PREDRGPQ	Prescription drugs last quarter 540000	2813	NUM(12,4)
PREDRGCQ	Prescription drugs this quarter same UCC as above	2825	NUM(12,4)
MEDSUPPQ	Medical supplies last quarter 550110 550320 550330 550340 570901 570903	2837	NUM(12,4)
MEDSUPCQ	Medical supplies this quarter same UCCs as above	2849	NUM(12,4)
ENTERTPQ	Entertainment last quarter FEEADMPQ + TVRDIOPQ + OTHEQPPQ	2861	NUM(12,4)
ENTERTCQ	Entertainment this quarter same composition as above	2873	NUM(12,4)
FEEADMPQ	Fees and admissions last quarter 610900 620111 620121 620122 620211 620212 620221 620222 620310 620903	2885	NUM(12,4)
FEEADMCPQ	Fees and admissions this quarter same UCCs as above	2897	NUM(12,4)
TVRDIOPQ	Televisions, radios, and sound equipment last quarter 270310 310140 310210 310220 310230 310240 310311 310313 310314 310320 310333 310334 310340 310350 340610 340902 340905 610130 620904 620912	2909	NUM(12,4)
TVRDIOCQ	Televisions, radios, and sound equipment this quarter same UCCs as above	2921	NUM(12,4)
OTHEQPPQ	Other equipment and services last quarter PETTOYPQ + OTHENTPQ	2933	NUM(12,4)
OTHEQPCQ	Other equipment and services this quarter same composition as above	2945	NUM(12,4)
PETTOYPQ	Pets, toys, and playground equipment last quarter 610110 610120 610320 620410 620420	2957	NUM(12,4)
PETTOYCQ	Pets, toys, and playground equipment this quarter same UCCs as above	2969	NUM(12,4)
OTHENTPQ	Other entertainment last quarter 520901 520904 520907 600110 600121 600122	2981	NUM(12,4)

	600132 600141 600142 600210 600310 600410 600420 600430 600901 600902 610210 610230 620320 620330 620905 620906 620908 620909 620919 620921 620922 620930		
OTHENTCQ	Other entertainment this quarter same UCCs as above	2993	NUM(12,4)
PERSCAPQ	Personal care last quarter 640130 640420 650310	3005	NUM(12,4)
PERSCACQ	Personal care this quarter same UCCs as above	3017	NUM(12,4)
READPQ	Reading last quarter 590220 590230 590310 590410 660310	3029	NUM(12,4)
READCQ	Reading this quarter same UCCs as above	3041	NUM(12,4)
*EDUCAPQ	Education last quarter 660110 660210 <sup>D062</sup> 660900 <sup>N062</sup> 660901 <sup>N062</sup> 660902 670110 670210 670901 670902	3053	NUM(12,4)
EDUCACQ	Education this quarter same UCCs as above	3065	NUM(12,4)
TOBACCPQ	Tobacco and smoking supplies last quarter 630110 630210	3077	NUM(12,4)
TOBACCCQ	Tobacco and smoking supplies this quarter same UCCs as above	3089	NUM(12,4)
MISCPQ	Miscellaneous expenditures last quarter MISC1PQ + MISC2PQ	3101	NUM(12,4)
MISCCQ	Miscellaneous expenditures this quarter same composition as above	3113	NUM(12,4)
MISCX4PQ	Adjusted miscellaneous expenditures last quarter  (To be used for population estimates - see information under Summary Expenditure Data heading.)  MISC1PQ + (4*MISC2PQ)	3411	NUM(12,4)
MISCX4CQ	Adjusted miscellaneous expenditures this quarter  (To be used for population estimates - see information under Summary Expenditure Data heading.)  same composition as above	3423	NUM(12,4)
MISC1PQ	Miscellaneous expenditures last quarter (data collected in all interviews) 620112 620115 620926 680110 680140 680210	3125	NUM(12,4)

	680220 680901 680902 680904 790600 880210 900002		
MISC1CQ	Miscellaneous expenditures this quarter (data collected in all interviews) same UCCs as above	3137	NUM(12,4)
MISC2PQ	Miscellaneous expenditures last quarter (data collected only in fifth interview) 710110	3149	NUM(12,4)
MISC2CQ	Miscellaneous expenditures this quarter (data collected only in fifth interview) same UCCs as above	3161	NUM(12,4)
<i>NOTE: See important information about the miscellaneous expenditure variables under the SUMMARY EXPENDITURE DATA heading prior to this list of variables.</i>			
CASHCOPQ	Cash contributions last quarter 800111 800121 800804 800811 800821 800831 800841 800851 800861	3173	NUM(12,4)
CASHCOCQ	Cash contributions this quarter same UCCs as above	3185	NUM(12,4)
<i>NOTE: See important information about the cash contributions variables under the SUMMARY EXPENDITURE DATA heading prior to this list of variables.</i>			
PERINSPQ	Personal insurance and pensions last quarter LIFINSPQ + RETPENPQ	3197	NUM(12,4)
PERINSCQ	Personal insurance and pensions this quarter same composition as above	3209	NUM(12,4)
LIFINSPQ	Life and other personal insurance last quarter 002120 700110	3221	NUM(12,4)
LIFINSCQ	Life and other personal insurance this quarter same UCCs as above	3233	NUM(12,4)
RETPENPQ	Retirement, pensions, Social Security last quarter 800910 800920 800931 800932 800940	3245	NUM(12,4)
RETPENCQ	Retirement, pensions, Social Security this quarter same UCCs as above	3257	NUM(12,4)



### Travel related summary expenditure variables

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

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

TOTHRLOC	Total trip expenditures on lodging this quarter including rent for vacation home, and motels same UCC as above	3572	NUM(10,3)
TTRANPRP	Total trip expenditures on transportation last quarter including airfare, local transportation, tolls and parking fees, and car rentals (TGASMOTP+TVRENTLP+TTRNTRIP)	3582	NUM(10,3)
TTRANPRC	Total trip expenditures on transportation this quarter including airfare, local transportation, tolls and parking fees, and car rentals same composition as above	3592	NUM(10,3)
TGASMOTP	Trip expenditures on gas and oil last quarter 470113 470212	3602	NUM(10,3)
TGASMOTC	Trip expenditures on gas and oil this quarter same UCCs as above	3612	NUM(10,3)
TVRENTLP	Trip expenditures on vehicle rentals and other fees last quarter (TCARTRKP+TOTHVHRP+TOTHTREP)	3622	NUM(10,3)
TVRENTLC	Trip expenditures on vehicle rentals and other fees this quarter same composition as above	3632	NUM(10,3)
TCARTRKP	Trip expenditures on car or truck rental last quarter 520512 520522	3642	NUM(10,3)
TCARTRKC	Trip expenditures on car or truck rental this quarter same UCCs as above	3652	NUM(10,3)
*TOTHVHRP	Trip expenditures on other vehicle rentals last quarter 520905 <sup>D061</sup> 520906	3662	NUM(10,3)
TOTHVHRC	Trip expenditures on other vehicle rentals this quarter same UCCs as above	3672	NUM(10,3)
TOTHTREP	Trip expenditures last quarter for other transportation expenses including parking fees, and tolls 520532 520542	3682	NUM(10,3)
TOTHTREC	Trip expenditures this quarter for other transportation expenses including parking fees, and tolls same UCCs as above	3692	NUM(10,3)
TTRNTRIP	Trip expenditures last quarter for public transportation, including airfares (TFAREP+TLOCALTP)	3702	NUM(10,3)
TTRNTRIC	Trip expenditures this quarter for public transportation, including airfares same composition as above	3712	NUM(10,3)

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

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

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

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

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

#### **Expenditure Outlays Summary Variables**

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
ETOTALP	Total outlays last quarter, sum of outlays from all major expenditure categories.	4206	NUM(10,3)

	FOODPQ + ALCBEVPQ + EHOUSNGP + APPARPQ + ETRANPTP + HEALTHPQ + EENTRMTP + PERSCAPQ + READPQ + EDUCAPQ + TOBACCPQ + EMISCELP + CASHCOPQ + PERINSPQ		
ETOTALC	Total outlays this quarter, sum of outlays from all major expenditure categories. Same composition as above	4216	NUM(10,3)
ETOTAPX4	Adjusted total outlays last quarter, sum of outlays from all major expenditure categories. FOODPQ + ALCBEVPQ + EHOUSNGP + APPARPQ + ETRANPTP + HEALTHPQ + EENTRMTP + PERSCAPQ + READPQ + EDUCAPQ + TOBACCPQ + MISC1PQ + MISC2PQ * (4) + EMISCMTP + PERINSPQ	4226	NUM(10,3)
ETOTACX4	Adjusted total outlays this quarter, sum of outlays from all major expenditure categories. Same composition as above	4236	NUM(10,3)
EHOUSNGP	Total housing outlays last quarter including maintenance, fuels, public services, household operations, house furnishings, and mortgage (lump sum home equity loan or line of credit home equity loan) principle and interest. ESHELTRP + UTILPQ + HOUSOPPQ + HOUSEQPQ	4246	NUM(10,3)
EHOUSNGC	Total housing outlays this quarter including maintenance, fuels, public services, household operations, house furnishings, and mortgage (lump sum home equity loan or line of credit home equity loan) principle and interest. Same composition as above	4256	NUM(10,3)
ESHELTRP	Shelter outlays last quarter including mortgage principle and interest for owned home and/or vacation home, rents, insurance, taxes, and maintenance. EOWNDWLP + RENDWEPQ + EOTHLODP	4266	NUM(10,3)
ESHELTRC	Shelter outlays this quarter including mortgage principle and interest for owned home and/or vacation home, rents, insurance, taxes, and maintenance. Same composition as above	4276	NUM(10,3)
EOWNDWLP	Owned home outlays last quarter including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. OWNDWEPQ + EMRTPNOP	4286	NUM(10,3)
EOWNDWLC	Owned home outlays this quarter including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. Same composition as above	4296	NUM(10,3)
EOTHLODP	Outlays for other lodging last quarter such as owned vacation home, including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. OTHLODPQ, EMRTPNVP	4306	NUM(10,3)

EOTHLODC	Outlays for other lodging this quarter such as owned vacation home, including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. Same composition as above	4316	NUM(10,3)
EMRTPNOP	Mortgage principal outlays last quarter for owned home. 830201, 830203, 880120  Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTAB costs are used to convert the values of this family file variable to positive values.	4326	NUM(10,3)
EMRTPNOC	Mortgage principal outlays this quarter for owned home. Same composition as above	4336	NUM(10,3)
EMRTPNVP	Mortgage principal outlays last quarter for owned vacation home. 830202, 830204, 880320  Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTAB costs are used to convert the values of this family file variable to positive values.	4346	NUM(10,3)
EMRTPNVC	Mortgage principal outlays this quarter for owned vacation home. Same composition as above	4356	NUM(10,3)
ETRANPTP	Total outlays for transportation last quarter including down payment, principal and finance charges paid on loans, gasoline and motor oil, maintenance and repairs, insurance, public transportation, and vehicle rental licenses and other charges. EVEHPURP + GASMOPQ + MAINRPPQ + VEHINSPQ + VRNTLOPQ + PUBTRAPQ	4366	NUM(10,3)
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	4376	NUM(10,3)
EVEHPURP	Outlays for vehicle purchases last quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. ECARTKNP + ECARTKUP + EOTHVEHP	4386	NUM(10,3)
EVEHPURC	Outlays for vehicle purchases this quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. Same composition as above	4396	NUM(10,3)
ECARTKNP	Outlays for new vehicle purchases last quarter including	4406	NUM(10,3)



	down payment, principal and interest paid on loans, or if not financed, purchase amount. 870101, 870102, 870103, 870104		
ECARTKNC	Outlays for new vehicle purchases this quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. Same composition as above	4416	NUM(10,3)
ECARTKUP	Outlays for used vehicle purchases last quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. 870201, 870202, 870203, 870204	4426	NUM(10,3)
ECARTKUC	Outlays for used vehicle purchases this quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount. Same composition as above	4436	NUM(10,3)
EOTHVEHP	Outlays for other vehicle purchases last quarter such as motorcycles and airplanes including down payment, principal and interest paid on loans, or if not financed, purchase amount. 870301, 870302, 870303, 870304	4446	NUM(10,3)
EOTHVEHC	Outlays for other vehicle purchases this quarter such as motorcycles and airplanes including down payment, principal and interest paid on loans, or if not financed, purchase amount. Same composition as above	4456	NUM(10,3)
EENTRMTP	Total entertainment outlays last quarter including sound systems, sports equipment, toys, cameras, and down payments on boats and campers. FEEADMPQ, TVRDIOPQ, PETTOYPQ, EOTHENTP	4466	NUM(10,3)
EENTRMTC	Total entertainment outlays this quarter including sound systems, sports equipment, toys, cameras, and down payments on boats and campers. Same composition as above	4476	NUM(10,3)
EOTHENTP	Outlays for other entertainment supplies last quarter, equipment, and services including down payments on boats and campers. ENOMOTRP + EMOTRVHP + EENTMSCP	4486	NUM(10,3)
EOTHENTC	Outlays for other entertainment supplies this quarter, equipment, and services including down payments on boats and campers. Same composition as above	4496	NUM(10,3)
ENOMOTRP	Outlays for non-motored recreational vehicles last quarter. 870401, 870402, 870403, 870404, 870501, 870502, 870503, 870504	4506	NUM(10,3)
ENOMOTRC	Outlays for non-motored recreational vehicles this quarter.	4516	NUM(10,3)

	Same composition as above		
EMOTRVHP	Outlays for motored recreational vehicles last quarter. 870605, 870606, 870607, 870608, 870701, 870702, 870703, 870704, 870801, 870802, 870803, 870804	4526	NUM(10,3)
EMOTRVHC	Outlays for motored recreational vehicles this quarter. Same composition as above	4536	NUM(10,3)
EENTMSCP	Miscellaneous entertainment outlays last quarter including photographic and sports equipment, and boat and RV rentals. 520901, 520904, 520907, 600110, 600210, 600310, 600410, 600420, 600430, 600901, 600902, 610210, 610230, 620320, 620330, 620905, 620906, 620908, 620909, 620919, 620921, 620922 620930	4546	NUM(10,3)
EENTMSCC	Miscellaneous entertainment outlays this quarter including photographic and sports equipment, and boat and RV rentals. Same composition as above	4556	NUM(10,3)
EMISCELP	Miscellaneous outlays last quarter including reduction of mortgage principal (lump sum home equity loan) on other property. MISCPQ + EMISCMTP	4566	NUM(10,3)
EMISCELC	Miscellaneous outlays this quarter including reduction of mortgage principal (lump sum home equity loan) on other property. Same composition as above	4576	NUM(10,3)
EMISCMTP	Mortgage principal outlays last quarter for other property. 790920, 790940, 880220  Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTAB costs are used to convert the values of this family file variable to positive values.	4586	NUM(10,3)
EMISCMTC	Mortgage principal outlays this quarter for other property. Same composition as above	4596	NUM(10,3)

## **2. MEMBER CHARACTERISTICS AND INCOME (MEMB) FILE**

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

Demographic characteristic data, such as age of CU member, refer to the member status on the date of the interview. Characteristic information may change between interviews. Income data are collected in the second and fifth interviews for all CU members over 13 years of age and in the third and fourth interviews for members over 13 who are new to the CU or who previously reported not working and are now working. Member income data from the second interview are carried over to the third and fourth interviews subject to the above conditions. Income variables contain annual values for the 12 months

prior to the interview month. Income taxes withheld and pension and retirement contributions are shown both annually and as deductions from the member's last paycheck. When there is a valid nonresponse, or where nonresponse occurs and there is no imputation, there will be missing values. The type of nonresponse is explained by associated data flag variables described in Section III.C. DATA FLAGS.

**a. CU AND MEMBER IDENTIFIERS**

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

**b. CHARACTERISTICS OF MEMBER**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
CU_CODE	What is the member's relationship to ( <i>reference person</i> )? CODED 1 Reference person 2 Spouse 3 Child or adopted child 4 Grandchild 5 In-law 6 Brother or sister 7 Mother or father 8 Other related person 9 Unrelated person 0 Unmarried Partner  Control card	68	CHAR(1)
AGE	What is the member's date of birth? (Age is verified.)  Control card	9	NUM(2)
AGE_		11	CHAR(1)
SEX	Is the member male or female? CODED	221	CHAR(1)

- 1 Male
- 2 Female

Control card

MARITAL	Is the member now . . . ? (Marital status) CODED 1 Married 2 Widowed 3 Divorced 4 Separated 5 Never married	147	CHAR(1)
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Control card

EDUCA	What is the highest level of school the member has completed or the highest degree the member has received?  CODED 00 Never attended school 01-11 1st grade through 11th grade 38 Twelfth grade – no degree 39 High school graduate 40 Some college – no degree 41 Associate's degree (occupational/vocational) 42 Associate's degree (academic) 43 Bachelor's degree 44 Master's degree 45 Professional degree 46 Doctorate degree	169	CHAR(1)
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Control card

EDUCA_		74	CHAR(2)
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IN_COLL	Is the member currently enrolled in a college or university either . . . ? CODED 1 Full time 2 Part time 3 Not at all	76	CHAR(1)
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Control card

IN_COLL_		112	CHAR(1)
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ARM_FORC	Is the member now in the armed forces? CODED 1 Yes 2 No	113	CHAR(1)
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Control card

ARM__ORC		66	CHAR(1)
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EARNER	Does member earn income? CODED 1 Yes, member earns income. 2 No, member does not earn income.  BLS derived	67	CHAR(1)
EARNER_		70	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	71	CHAR(1)
EARN_YPE		72	CHAR(1)
SCHMLWKQ	How many weeks did the member purchase meals at school?  CAPI Section 20	73	CHAR(1)
SCHM_WKQ		214	NUM(2)
SCHMLWKX	What is the usual WEEKLY expense for the meals the member purchased at school?  CAPI Section 20	216	CHAR(1)
SCHM_WKX		217	NUM(3)
HORIGIN	Are you Hispanic Latino, or Spanish? 1 Yes 2 No  Control Card	220	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	312	CHAR(1)
HISP_NIC		313	CHAR(1)

MEMBRACE	Race of Member Coded: 1 White 2 Black 3 Native American 4 Asian 5 Pacific Islander 6 Multi-race  Control Card	314	CHAR(1)
RC_WHITE	Race Coded: 1 White  BLS Derived	315	CHAR(1)
RC_W_ITE		316	CHAR(1)
RC_BLACK	Race Coded: 2 Black  BLS Derived	317	CHAR(1)
RC_B_ACK		318	CHAR(1)
RC_NATAM	Race: Coded: 3 Native American  BLS Derived	319	CHAR(1)
RC_N_TAM		320	CHAR(1)
RC_ASIAN	Race Coded: 4 Asian  BLS Derived	321	CHAR(1)
RC_A_IAN		322	CHAR(1)
RC_PACIL	Race Coded: 5 Pacific Islander  BLS Derived	323	CHAR(1)
RC_P_CIL		324	CHAR(1)
RC_OTHER	Race Coded: 6 Other  BLS Derived	325	CHAR(1)

RC_O_HER		326	CHAR(1)
RC_DK	Race Coded: 7 Don't Know  BLS Derived	327	CHAR(1)
RC_DK_		328	CHAR(1)
ASIAN	Country of Asian origin (asked only if '4' is entered for MEMBRACE) Coded: 1 Chinese 2 Filipino 3 Japanese 4 Korean 5 Vietnamese 6 Asian Indian 7 Other  Control Card	329	CHAR(1)
ASIAN_		330	CHAR(1)

**c. WORK EXPERIENCE OF MEMBER**

VARIABLE	ITEM DESCRIPTION	START POSITION	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	126	NUM(2)
INCW_EKQ		128	CHAR(1)
INC_HRSQ	In the weeks that the member worked, how many hours did the member usually work per week?  CAPI Section 22	114	NUM(3)
INC__RSQ		117	CHAR(1)
OCCUCODE	The job in which the member received the most earnings during the past 12 months fits best in the following category: CODED Manager, professional 01 Administrator, manager 02 Teacher 03 Professional Administrative support, technical, sales 04 Administrative support, including clerical 05 Sales, retail	166	CHAR(2)

06 Sales, business goods and services  
 07 Technician  
 Service  
 08 Protective service  
 09 Private household service  
 10 Other service  
 Operator, assembler, laborer  
 11 Machine operator, assembler, inspector  
 12 Transportation operator  
 13 Handler, helper, laborer  
 Precision production, craft, repair  
 14 Mechanic, repairer, precision production  
 15 Construction, mining  
 Farming, forestry, fishing  
 16 Farming  
 17 Forestry, fishing, grounds-keeping  
 Armed forces  
 18 Armed forces

CAPI Section 22

OCCU_ODE		168	CHAR(1)
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INCOMEY	Was the member . . . ? (Type of employee) Refers to job where member received the most earnings in the past 12 months.	122	CHAR(1)
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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

INCOMEY_		123	CHAR(1)
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INCORP	Is the business incorporated? (For members who are self-employed in own business or professional practice, excluding farms.) Refers to job where member received the most earnings in the past 12 months.	124	CHAR(1)
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CODED

- 1 Yes
- 2 No

CAPI Section 22

INCORP_		125	CHAR(1)
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PWRKSTAT	Work status of member in past 12 months (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	181	CHAR(1)
PWRK_TAT		182	CHAR(1)
INCNONWK	What was the main reason the member did not work during the past 12 months? Was the member . . . ?  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	120	CHAR(1)
INCN_NWK		121	CHAR(1)

d. **INCOME**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*SALARYX	During the past 12 months, what was the amount of wages or salary income received, before any deductions?  CAPI Section 22 <b>N(Y061)</b>	203	NUM(10)
*SALARYX_	<b>N(Y061)</b>	213	CHAR(1)
SALARYXM	During the past 12 months, what was the amount of wages or salary income received, before any deductions?  CAPI Section 22	590	NUM(10.1)
SALA_YXM		600	CHAR(1)
SALARYX1		601	NUM(8)
SALARYX2		609	NUM(8)
SALARYX3		617	NUM(8)
SALARYX4		625	NUM(8)

SALARYX5		633	NUM(8)
SALARYXI		641	NUM(3)
SALARYB	Bracketed variable for SALARYXM	262	CHAR(2)
	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		
SALARYB_		264	CHAR(1)
SALARYBX	Median of bracket range of SALARYB	265	NUM(6)
	BLS derived		
SALA_YBX		271	CHAR(1)
GROSPAYX	What was the gross amount of the member's last pay?	101	NUM(10)
	CAPI Section 22		
GROS_AYX		111	CHAR(1)
PAYPERD	What period of time did this last gross pay cover?	170	CHAR(1)
	CODED		
	1 One week		
	2 Two weeks		
	3 Month		
	4 Quarter		
	5 Year		
	6 Other		
	7 Twice a month		
	CAPI Section 22		
PAYPERD_		171	CHAR(1)
*NONFARMX	During the past 12 months, what was the amount of income or loss from the member's own nonfarm business, partnership, or professional practice, after expenses?	155	NUM(10)
	*L		
	CAPI Section 22		

	<b>N(Y061)</b>		
*NONF_RMX	<b>N(Y061)</b>	165	CHAR(1)
NONFARMM	During the past 12 months, what was the amount of income or loss from the member's own nonfarm business, partnership, or professional practice, after expenses? *L	476	NUM(11.1)
	CAPI Section 22		
NONF_RMM		487	CHAR(1)
NONFARM1		488	NUM(9)
NONFARM2		497	NUM(9)
NONFARM3		506	NUM(9)
NONFARM4		515	NUM(9)
NONFARM5		524	NUM(9)
NONFARMI		533	NUM(3)
NONFARMB	Bracketed variable for NONFARMM	272	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		
NONF_RMB		274	CHAR(1)
NONFRMBX	Median of bracket range of NONFARMB *L	275	NUM(6)
	BLS derived		
NONF_MBX		281	CHAR(1)
NFRMLOSS	Was there a loss from the member's own nonfarm business, partnership, or professional practice? CODED 01 Yes	153	CHAR(1)

02 No

CAPI Section 22

NFRM_OSS		154	CHAR(1)
*FARMINCX	During the past 12 months, what was the amount of income or loss from the member's own farm, after expenses? *L	79	NUM(10)

CAPI Section 22  
**N(Y061)**

*FARM_NCX	<b>N(Y061)</b>	89	CHAR(1)
FARMINCM	During the past 12 months, what was the amount of income or loss from the member's own farm, after expenses? *L	377	NUM(11.1)

CAPI Section 22

FARM_NCM		388	CHAR(1)
FARMINC1		389	NUM(9)
FARMINC2		398	NUM(9)
FARMINC3		407	NUM(9)
FARMINC4		416	NUM(9)
FARMINC5		425	NUM(9)
FARMINCI		434	NUM(3)
FARMINCB	Bracketed variable for FARMINCM	282	CHAR(2)

CODED

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

CAPI Section 22

FARM_NCB		284	CHAR(1)
FRMINCBX	Median of bracket range of FARMINCB	285	NUM(6)

	*L		
	BLS derived		
FRMI_CBX		291	CHAR(1)
FARMLOSS	Was there a loss from the member's own farm? CODED 01 Yes 02 No	90	CHAR(1)
	CAPI Section 22		
FARM_OSS		91	CHAR(1)
*SOCRRX	Amount of Social Security and Railroad Retirement income received by member in past 12 months	239	NUM(8)
	BLS derived <b>N(Y061)</b>		
*SOCRRX_	<b>N(Y061)</b>	247	CHAR(1)
SOCRRXM	Amount of Social Security and Railroad Retirement income received by member in past 12 months	683	NUM(10.1)
	BLS derived		
SOCRRXM_		693	CHAR(1)
SOCRRX1		694	NUM(8)
SOCRRX2		702	NUM(8)
SOCRRX3		710	NUM(8)
SOCRRX4		718	NUM(8)
SOCRRX5		726	NUM(8)
*RRRETIRX	What was the amount of the last Social Security or Railroad Retirement payment received? (In the past 12 months)	194	NUM(8)
	CAPI Section 22 <b>N(Y061)</b>		
*RRRE_IRX	<b>N(Y061)</b>	202	CHAR(1)
RRRETIRM	What was the amount of the last Social Security or Railroad Retirement payment received? (In the past 12 months)	536	NUM(10.1)
	CAPI Section 22		
RRRE_IRM		546	CHAR(1)
RRRETIR1		547	NUM(8)

RRRETIR2		555	NUM(8)
RRRETIR3		563	NUM(8)
RRRETIR4		571	NUM(8)
RRRETIR5		579	NUM(8)
RRRETIRI		587	NUM(3)
RRRETIRB	Bracketed variable for RRRETIRM	292	CHAR(2)
	CODED		
	01 Less than \$300		
	02 \$300 - \$399		
	03 \$400 - \$499		
	04 \$500 - \$599		
	05 \$600 - \$699		
	06 \$700 - \$799		
	07 \$800 - \$899		
	08 \$900 - \$999		
	09 \$1000 - \$1499		
	10 \$1500 and over		
	CAPI Section 22		
RRRE_IRB		294	CHAR(1)
RRRETRBX	Median of bracket range of RRRETIRB	295	NUM(6)
	BLS derived		
RRRE_RBX		301	CHAR(1)
INCMEDCR	Is the amount of the last Social Security or Railroad Retirement payment received AFTER the deduction for a Medicare premium?	118	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 22		
INCM_DCR		119	CHAR(1)
SS_RRQ	During the past 12 months, how many Social Security or Railroad Retirement payments did the member receive?	248	NUM(2)
	CAPI Section 22		
SS_RRQ_		250	CHAR(1)
*SSIX	During the past 12 months, how much did the member receive in	251	NUM(8)

Supplemental Security Income checks, altogether? (From  
U.S. Government and State or local Government)

CAPI Section 22  
**N(Y061)**

*SSIX_	<b>N(Y061)</b>	259	CHAR(1)
SSIXM	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)	734	NUM(10.1)

CAPI Section 22

SSIXM_		744	CHAR(1)
SSIX1		745	NUM(8)
SSIX2		753	NUM(8)
SSIX3		761	NUM(8)
SSIX4		769	NUM(8)
SSIX5		777	NUM(8)
SSIXI		785	NUM(3)
SSIB	Bracketed variable for SSIXM	302	CHAR(2)

**CODED**

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

CAPI Section 22

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

e. **TAXES**

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*ANFEDTX	Annualized amount of Federal income tax deducted from last pay ([AMTFED/GROSPAYX] x SALARYXM)  BLS derived <b>N(Y061)</b>	21	NUM(8)
*ANFEDTX_	<b>N(Y061)</b>	29	CHAR(1)
ANFEDTXM	Annualized amount of Federal income tax deducted from last pay ([AMTFED/GROSPAYX] x SALARYXM)  BLS derived	332	NUM(8)
ANFE_TXM		340	CHAR(1)
AMTFED	How much was deducted from the member's last pay for Federal income tax?  CAPI Section 22	12	NUM(8)
AMTFED_		20	CHAR(1)
*ANSLTX	Annualized amount of state and local income taxes deducted from last pay ([SLTAXX/GROSPAYX] x SALARYXM)  BLS derived <b>N(Y061)</b>	57	NUM(8)
*ANSLTX_	<b>N(Y061)</b>	65	CHAR(1)
ANSLTXM	Annualized amount of state and local income taxes deducted from last pay ([SLTAXX/GROSPAYX] x SALARYXM)  BLS derived	368	NUM(8)
ANSLTXM_		376	CHAR(1)
SLTAXX	How much was deducted from the member's last pay for state and local income tax?  CAPI Section 22	230	NUM(8)
SLTAXX_		238	CHAR(1)

f. **RETIREMENT AND PENSION DEDUCTIONS**

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



	paycheck? CODED 1 Yes 2 No		
	CAPI Section 22		
SSNORM_		261	CHAR(1)
*JSSDEDX	Estimated amount of income contributed to Social Security by member in past 12 months	140	NUM(6)
	BLS derived <b>N(Y061)</b>		
*JSSDEDX_	<b>N(Y061)</b>	146	CHAR(1)
JSSDEDXM	Estimated amount of income contributed to Social Security by member in past 12 months	437	NUM(8.1)
	BLS derived		
JSSD_DXM		445	CHAR(1)
JSSDEDX1		446	NUM(6)
JSSDEDX2		452	NUM(6)
JSSDEDX3		458	NUM(6)
JSSDEDX4		464	NUM(6)
JSSDEDX5		470	NUM(6)
MEDICOV	Does the money deducted for Social Security cover only the Medicare portion of Social Security? CODED 1 Yes 2 No	149	CHAR(1)
	CAPI Section 22		
MEDICOV_		150	CHAR(1)
*SLFEMPSS	Amount of income contributed to Social Security by member if self-employed	223	NUM(6)
	BLS derived <b>N(Y061)</b>		
*SLFE_PSS	<b>N(Y061)</b>	229	CHAR(1)
SLFEMPSM	Amount of income contributed to Social Security by member if self-employed	644	NUM(8.1)

BLS derived			
SLFE_PSM		652	CHAR(1)
SLFEMPS1		653	NUM(6)
SLFEMPS2		659	NUM(6)
SLFEMPS3		665	NUM(6)
SLFEMPS4		671	NUM(6)
SLFEMPS5		677	NUM(6)
*ANRRDEDX	Annualized amount of Railroad Retirement deducted from last pay ([RRRDEDX/GROSPAYX] x SALARYX)	48	NUM(8)
BLS derived <b>N(Y061)</b>			
*ANRR_EDX	<b>N(Y061)</b>	56	CHAR(1)
ANRRDEDM	Annualized amount of Railroad Retirement deducted from last pay ([RRRDEDX/GROSPAYX] x SALARYXM)	359	NUM(8)
BLS derived			
ANRR_EDM		367	CHAR(1)
RRRDEDX	How much was deducted from the member's last pay for Railroad Retirement?	185	NUM(8)
CAPI Section 22			
RRRDEDX_		193	CHAR(1)
*ANGOVRTX	Annualized amount of Government Retirement deducted from last pay ([GOVRETX/GROSPAYX] x SALARYX)	30	NUM(8)
BLS derived <b>N(Y061)</b>			
*ANGO_RTX	<b>N(Y061)</b>	38	CHAR(1)
ANGOVRTM	Annualized amount of Government Retirement deducted from last pay ([GOVRETX/GROSPAYX] x SALARYXM)	341	NUM(8)
BLS derived			
ANGO_RTM		349	CHAR(1)
GOVRETX	How much was deducted from the member's last pay for Government Retirement?	92	NUM(8)
CAPI Section 22			

GOVRETX_		100	CHAR(1)
*ANPRVPNX	Annualized amount of private pensions deducted from last pay ([PRIVPENX/GROSPAYX] x SALARYX)  BLS derived <b>N(Y061)</b>	39	NUM(8)
*ANPR_PNX	<b>N(Y061)</b>	47	CHAR(1)
ANPRVPM	Annualized amount of private pensions deducted from last pay ([PRIVPENX/GROSPAYX] x SALARYXM)  BLS derived	350	NUM(8)
ANPR_PNM		358	CHAR(1)
PRIVPENX	How much was deducted from the member's last pay for private pension fund?  CAPI Section 22	172	NUM(8)
PRIV_ENX		180	CHAR(1)
EMPLCONT	Other than Social Security, did any employer or union that the member worked for during the last 12 months contribute to a pension or retirement plan that the member was enrolled in? CODED 1 Yes 2 No  CAPI Section 22	77	CHAR(1)
EMPL_ONT		78	CHAR(1)
INDRETX	During the past 12 months, how much money did the member place in a retirement plan such as Individual Retirement Account (IRA & Keogh)? (Exclude rollovers)  CAPI Section 22	129	NUM(10)
INDRETX_		139	CHAR(1)

### 3. MONTHLY EXPENDITURES (MTAB) FILE

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

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

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NEWID	CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5.  It is possible for a CU to skip an interview. For example, a CU could have a 2nd, 3rd and 5th interview but no 4th interview.  BLS derived	1	NUM(8)
UCC	Universal Classification Code  See Section XIII.A. for a listing of MTAB UCC codes and titles.  BLS derived	9	CHAR(6)
COST	Cost *L  BLS derived	15	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	27	CHAR(1)
GIFT	Was item bought for someone outside the CU? CODED 1 Yes 2 No  BLS derived	28	CHAR(1)
PUBFLAG	Is cost included in published bulletin? CODED 1 Not published 2 Published in Integrated Bulletin  BLS derived	29	CHAR(1)
REF_MO	Reference month of this expenditure  BLS derived	30	CHAR(2)
REF_YR	Reference year of this expenditure  BLS derived	32	CHAR(4)

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

The "ITAB" file, also referred to as the "Income" file, contains CU characteristics and income data. This file is created directly from the FMLY file and contains the same annual and point-of-interview data in a monthly format. It was created to facilitate computer processing when linking CU income and characteristics data with MTAB expenditure data. As such, the file structure is similar to MTAB. Each characteristic and income item is identified by UCC (See Section XIII.B. for a listing of UCCs), gift/nongift

status, and month. There are no records with missing values in ITAB. If the corresponding FMLY file variable contained a missing value, there is no record for the UCC.

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

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

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

VALUE	Value of UCC *L	22	NUM(12,4)
	BLS derived		
VALUE_	Value flag CODED T - Topcoded Blank - Not topcoded	34	CHAR(1)
	BLS derived		

## **5. IMPUTED INCOME (ITAB IMPUTE) FILE**

As a result of the introduction of multiply imputed income data in the Consumer Expenditure Survey, the ITAB\_IMPUTE file is now on the Microdata. It is very similar to the ITAB file, except that the variable "IMPNUM" will indicate the number (1-5) of the imputation variant of the income variable and it only contains UCCs from variables subject to income imputation.

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

	*L		
	BLS derived		
VALUE_	Value flag CODED T - Topcoded Blank - Not topcoded	34	CHAR(1)
	BLS derived		
IMPNUM	The number (1-5) of the imputation variant of the particular income variable.	35	CHAR(1)
	BLS derived		

## **6. DETAILED EXPENDITURES (EXPN) FILES**

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
QYEAR	Quarter and year of the interview, for use in matching to the other files CODED 20051 2005, 1st quarter 20052 2005, 2nd quarter 20053 2005, 3rd quarter 20054 2005, 4th quarter 20061 2006, 1st quarter  BLS derived	1	CHAR(5)
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	6	NUM(8)
SEQNO	Sequence number, uniquely identifies each EXPN record based on order of entries on survey questionnaire  BLS derived	14	NUM(3)
ALCNO	Allocation number, field in common to all rows. Identifies rows that are the result of allocation. If ALCNO is greater than zero	17	NUM(3)



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).	20	CHAR(1)
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BLS 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	START POSITION	FORMAT
MAJCODE	Does your CU have any of the following appliances? CODED 01 Cooking stove, range, or oven 03 Microwave oven 05 Refrigerator 06 Home freezer 07 Built-in dishwasher 08 Portable dishwasher 09 Garbage disposal 10 Clothes washer 11 Clothes dryer 12 Television 13 Home computers 14 Sound components, component systems, or compact disc sound systems 15 VCRs, DVD players or digital video recorders	21	CHAR(2)
	BLS derived		
MAJCODE_		23	CHAR(1)
MAJAPPLQ	How many of each appliance?	24	NUM(2)
	CAPI Section 1		
MAJA_PLQ		26	CHAR(1)
INCLHOME	Included in the home when you moved in? 1 – Yes 2 – No	39	CHAR(1)

CAPI Section 1

INCL\_OME 40 CHAR(1)

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

CU Tenure, Rental Payments, Facilities, and Services

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
SAMP_UN	Is this the sample unit? CODED 1 This is the sample unit (=Part A). 2 This is not the sample unit (=Part B).  BLS derived	21	CHAR(1)
SAMP_UN_		22	CHAR(1)
RTELECT	Does the rental payment include the cost of electricity? CODED 1 Yes 2 No  CAPI Section 2	33	CHAR(1)
RTELECT_		34	CHAR(1)
RTGAS	Does the rental payment include the cost of gas? CODED 1 Yes 2 No  CAPI Section 2	35	CHAR(1)
RTGAS_		36	CHAR(1)
RTWATER	Does the rental payment include the cost of piped-in water? CODED 1 Yes 2 No  CAPI Section 2	37	CHAR(1)
RTWATER_		38	CHAR(1)
RTHEAT	Does the rental payment include the cost of heating? CODED	39	CHAR(1)

	1 Yes 2 No		
	CAPI Section 2		
RTHEAT_		40	CHAR(1)
RTTRASH	Does the rental payment include the cost of trash/garbage collection? CODED 1 Yes 2 No	41	CHAR(1)
	CAPI Section 2		
RTTRASH_		42	CHAR(1)
RTASPAY	Did you (or any members of your CU) receive free or reduced rent for this unit as a form of pay since the first of <i>(month, 3 months ago)</i> ? CODED 1 Yes 2 No	43	CHAR(1)
	CAPI Section 2		
RTASPAY_		44	CHAR(1)
RTCOMPX	What is the rental charge to another tenant for a similar unit?	45	NUM(6)
	CAPI Section 2		
RTCOMPX_		51	CHAR(1)
RTCMPPD	What period of time does this charge cover? CODED 1 Month 2 Other	52	CHAR(1)
	CAPI Section 2		
RTCMPPD_		53	CHAR(1)
RTBSNSZ	What percent of the rental payment is counted as a business expense?	62	NUM(4,2)
	CAPI Section 2		
RTBSNSZ_		66	CHAR(1)
JRTPAYQV	Quarterly value of rent received as pay  BLS derived	77	NUM(8)
JRTP_YQV		85	CHAR(1)
QRT3MCMX	Total rental payments made in reference period, adjusted for	86	NUM(8)

business and rooms rented to others. Includes extra charges for garage and parking facilities.

BLS derived

QRT3\_CMX 94 CHAR(1)

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

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

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

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

contract – In what month did the land contract begin?

CAPI Section 3

ACQU_RMO		37	CHAR(1)
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ACQUIRYR	In what year did you close or settle on this property? (See ACQUIRMO)	38	CHAR(4)
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CAPI Section 3

ACQU_RYR		42	CHAR(1)
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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	43	CHAR(1)
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CAPI Section 3

ACQMETH_		44	CHAR(1)
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OWN_PURX	Not including closing costs, what was the total price paid for the property?	45	NUM(8)
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CAPI Section 3

OWN__URX		53	CHAR(1)
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OWNDPMTX	What was the amount of the down payment?	54	NUM(8)
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CAPI Section 3

OWND_MTX		62	CHAR(1)
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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.)	63	NUM(8)
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CAPI Section 3

CLOS_CST		71	CHAR(1)
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PROPVALX	About how much do you think this property would sell for on today's market?	72	NUM(8)
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CAPI Section 3

PROP_ALX		80	CHAR(1)
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VSHARED	Do you (Does your CU) share ownership of this property with anyone else outside of your CU? (OWNYB = 300 only) CODED 1 Yes	81	CHAR(1)
---------	--	----	---------

2 No

CAPI Section 3

VSHARED_		82	CHAR(1)
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VTIMESHR	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)	83	CHAR(1)
	CODED		
	1 Share ownership for entire year		
	2 Time-sharing arrangement		

CAPI Section 3

VTIM_SHR		84	CHAR(1)
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QADPTAX	Amount of annual property taxes, adjusted for business, farm, and rental expenses	85	NUM(10)
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BLS derived

QADPTAX_		95	CHAR(1)
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**d. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

PART D Disposed of Property (OPD)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOD	Property number	21	CHAR(2)
	CAPI Section 3		
PROP0NOD		23	CHAR(1)
OWNYD	Property code	24	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		
OWNYD_		27	CHAR(1)
DISPMTHD	Did you (your CU) sell this property, give it to someone else	28	CHAR(1)

(outside your CU), or do something else with it?  
 CODED  
 1 Sold the property  
 2 Gave it to someone else  
 3 Something else

CAPI Section 3

DISP_THD		29	CHAR(1)
DISPX	What was the selling price (trade-in value)?	30	NUM(8)

CAPI Section 3

DISPX_		38	CHAR(1)
DISPEXPX	What were the total expenses in selling (trading) this property? (Include commission to realtor, closing costs, points for financing, mortgage penalties, property inspection, lawyer's fees, advertising costs, deferred mortgage interest payment, etc.)	39	NUM(8)

CAPI Section 3

DISP_XPX		47	CHAR(1)
DISPMO	In what month did you (your CU) dispose of this property?	57	CHAR(2)

CAPI Section 3

DISPMO_		59	CHAR(1)
DISPYR	In what year did you (your CU) dispose of this property?	60	CHAR(4)

CAPI Section 3

DISPYR_		64	CHAR(1)
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**e. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

PART F Mortgages (MOR)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOF	Property number	21	CHAR(2)
	CAPI Section 3		
PROP0NOF		23	CHAR(1)
OWNYF	Property code	24	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

OWNYF_		27	CHAR(1)
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OLDMRRT	What was the rate of interest at the time the mortgage was obtained?	28	NUM(5,4)
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CAPI Section 3

OLDMRRT_		33	CHAR(1)
----------	--	----	---------

NEWMRRT	What is the current interest rate on your (your CU's) mortgage?	34	NUM(5,4)
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CAPI Section 3

NEWMRRT_		39	CHAR(1)
----------	--	----	---------

ORGMRTX	What was the amount of the mortgage when you (your CU) obtained it, excluding any interest?	40	NUM(8)
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CAPI Section 3

ORGMRTX_		48	CHAR(1)
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QMRTTERM	Length of mortgage in years	49	NUM(3)
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BLS derived

QMRT_ERM		52	CHAR(1)
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MRTPMTX	On your (your CU's) last regular payment, what was the total amount you paid for those things? (See PAYPROTX for items that were included in payment. BLS mortgage edit converts all payments to monthly basis.)	53	NUM(8)
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CAPI Section 3

MRTPMTX_		61	CHAR(1)
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MRTPMPD	How often are (were) mortgage payments due? (See NOTE under MRTPMTX.)	62	CHAR(1)
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CODED

- 3 Monthly

CAPI Section 3

MRTPMPD_		63	CHAR(1)
----------	--	----	---------

PAYPROTX	On your (your CU's) last regular payment, which of these things	64	CHAR(1)
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	were included? CODED 2 Property taxes		
	CAPI Section 3		
PAYP_OTX		65	CHAR(1)
PAYPROIN	See PAYPROTX for question and source. CODED 3 Property insurance	66	CHAR(1)
PAYP_OIN		67	CHAR(1)
PAYLIFIN	See PAYPROTX for question and source. CODED 4 Life insurance	68	CHAR(1)
PAYL_FIN		69	CHAR(1)
PAYMORIN	See PAYPROTX for question and source. CODED 5 Mortgage insurance	70	CHAR(1)
PAYM_RIN		71	CHAR(1)
PAYOTHER	See PAYPROTX for question and source. CODED 6 Any other payments	72	CHAR(1)
PAYO_HER		73	CHAR(1)
QESCROWX	Amount of last regular mortgage payment that went to escrow  BLS derived	74	NUM(8)
QESC_OWX		82	CHAR(1)
QPRINM1X	Amount of principal paid during first month of reference period  BLS derived	83	NUM(8)
QPRI_M1X		91	CHAR(1)
QPRINM2X	Amount of principal paid during second month of reference period  BLS derived	92	NUM(8)
QPRI_M2X		100	CHAR(1)
QPRINM3X	Amount of principal paid during third month of reference period  BLS derived	101	NUM(8)
QPRI_M3X		109	CHAR(1)

QADINT1X	Amount of interest paid during first month of reference period, adjusted for business  BLS derived	110	NUM(8)
QADI_T1X		118	CHAR(1)
QADINT2X	Amount of interest paid during second month of reference period, adjusted for business  BLS derived	119	NUM(8)
QADI_T2X		127	CHAR(1)
QADINT3X	Amount of interest paid during third month of reference period, adjusted for business  BLS derived	128	NUM(8)
QADI_T3X		136	CHAR(1)
QRFINDAT	Month and year mortgage payment changed  BLS derived	137	CHAR(6)
QRFI_DAT		143	CHAR(1)
FRSTPYMO	In what month did you (your CU) make your (your CU's) first payment on this mortgage?  CAPI Section 3	144	CHAR(2)
FRST_YMO		146	CHAR(1)
FRSTPYR	In what year did you (your CU) make your (your CU's) first payment on this mortgage?  CAPI Section 3	147	CHAR(4)
FRST_YR		151	CHAR(1)
FIXEDRTE	Is this a fixed rate mortgage? CODED 1 Yes 2 No  CAPI Section 3	152	CHAR(1)
FIXE_RTE		153	CHAR(1)
PAYTYPE	Which one of these mortgages comes closest to yours (your CU's)? (NOTE: Most fixed rate mortgages will be a valid blank.)  CODED	154	CHAR(1)

- 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

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

CAPI Section 3

REFINED_		157	CHAR(1)
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QNEWDATE	Month and year mortgage payment changed	158	CHAR(6)
----------	---	-----	---------

BLS derived

QNEW_ATE		164	CHAR(1)
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QBLNCM1X	Principal balance outstanding at beginning of month, three months ago	165	NUM(8)
----------	---	-----	--------

BLS derived

QBLN_M1X		173	CHAR(1)
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QBLNCM2X	Principal balance outstanding at beginning of month, two months ago	174	NUM(8)
----------	---	-----	--------

BLS derived

QBLN_M2X		182	CHAR(1)
----------	--	-----	---------

QBLNCM3X	Principal balance outstanding at beginning of month, one month ago	183	NUM(8)
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BLS derived

QBLN_M3X		191	CHAR(1)
----------	--	-----	---------

LOAN_NOF	Loan number	192	CHAR(2)
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CAPI Section 3

LOAN0NOF		194	CHAR(1)
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**f. SECTION 3 OWNED LIVING QUARTERS AND OTHER OWNED REAL ESTATE**

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

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

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

MRTPMGTG	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.)	53	NUM(8)
	CAPI Section 3		
MRTPMGTG_		61	CHAR(1)
MRTPMPTG	How often are loan payments due? (See NOTE under MRTPMGTG)	62	CHAR(1)
	CODED		
	3 Monthly		
	CAPI Section 3		
MRTPMPTG_		63	CHAR(1)
PAYPRTXG	On your (your CU's) last regular payment, which of these things were included?	64	CHAR(1)
	CODED		
	2 Property taxes		
	CAPI Section 3		
PAYP_TXG		65	CHAR(1)
PAYPRING	See PAYPRTXG for question and source.	66	CHAR(1)
	CODED		
	3 Property insurance		
PAYP_ING		67	CHAR(1)
PAYLFING	See PAYPRTXG for question and source.	68	CHAR(1)
	CODED		
	4 Life insurance		
PAYL_ING		69	CHAR(1)
PAYMRING	See PAYPRTXG for question and source.	70	CHAR(1)
	CODED		
	5 Mortgage guarantee insurance		
PAYM_ING		71	CHAR(1)
PAYOTHRG	See PAYPRTXG for question and source.	72	CHAR(1)
	CODED		
	6 Any other payments		
PAYO_HRG		73	CHAR(1)
QESCROWG	Amount of last regular home equity loan payment that went to escrow	74	NUM(8)
	BLS derived		

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

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

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

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

**PART H Line of Credit Home Equity Loans (OPH)**

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

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



CAPI Section 3			
PAID_OAN		29	CHAR(1)
PRIMPLUS	Interest rate used in calculation of JINTPDX (Equal to prime rate plus 1.5 percentage points)	39	NUM(6,4)
	BLS derived		
PRIM_LUS		45	CHAR(1)
JINTPDX	Estimated amount of interest paid on loan during reference period	46	NUM(8)
	BLS derived		
JINTPDX_		54	CHAR(1)
JLCPRINX	Estimated amount of principal paid on loan during reference period	55	NUM(8)
	*L		
	BLS derived		
JLCP_INX		63	CHAR(1)
LOAN_NOH	Loan number	64	CHAR(2)
CAPI Section 3			
LOAN0NOH		66	CHAR(1)
TOTOWED	Amount owed prior to last payment	67	NUM(8)
CAPI Section 3			
TOTOWED_		75	CHAR(1)

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

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

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

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

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

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

COOP_G05		89	CHAR(1)
COOPRG06	See COOPRG01 for question and source. CODED 06 Improvements	90	CHAR(2)
COOP_G06		92	CHAR(1)
COOPRG07	See COOPRG01 for question and source. CODED 07 Recreational, including swimming, golf, and tennis facilities	93	CHAR(2)
COOP_G07		95	CHAR(1)
COOPRG08	See COOPRG01 for question and source. CODED 08 Security, including guards and alarm systems	96	CHAR(2)
COOP_G08		98	CHAR(1)
COOPRG09	See COOPRG01 for question and source. CODED 09 Utilities: such as gas, electricity, water, heat	99	CHAR(2)
COOP_G09		101	CHAR(1)
COOPRG10	See COOPRG01 for question and source. CODED 10 Trash collection	102	CHAR(2)
COOP_G10		104	CHAR(1)
COOPRG11	See COOPRG01 for question and source. CODED 11 Other	105	CHAR(2)
COOP_G11		107	CHAR(1)
HOCORG21	Which of these services and privileges are included in condominium fees or regular payments to a homeowner's association? (TYPEPROP = 1 or 3 only) CODED 21 Management  CAPI Section 3	108	CHAR(2)
HOCO_G21		110	CHAR(1)
HOCORG22	See HOCORG21 for question and source. CODED 22 Repairs and maintenance, including lawn care and snow removal	111	CHAR(2)
HOCO_G22		113	CHAR(1)

HOCORG23	See HOCORG21 for question and source. CODED 23 Improvements	114	CHAR(2)
HOCO_G23		116	CHAR(1)
HOCORG24	See HOCORG21 for question and source. CODED 24 Utilities: such as gas, electricity, water, heat	117	CHAR(2)
HOCO_G24		119	CHAR(1)
HOCORG25	See HOCORG21 for question and source. CODED 25 Parking	120	CHAR(2)
HOCO_G25		122	CHAR(1)
HOCORG26	See HOCORG21 for question and source. CODED 26 Recreational, including swimming, golf, and tennis facilities	123	CHAR(2)
HOCO_G26		125	CHAR(1)
HOCORG27	See HOCORG21 for question and source. CODED 27 Security, including guards and alarm systems	126	CHAR(2)
HOCO_G27		128	CHAR(1)
HOCORG28	See HOCORG21 for question and source. CODED 28 Maid service	129	CHAR(2)
HOCO_G28		131	CHAR(1)
HOCORG29	See HOCORG21 for question and source. CODED 29 Medical services	132	CHAR(2)
HOCO_G29		134	CHAR(1)
HOCORG30	See HOCORG21 for question and source. CODED 30 Trash collection	135	CHAR(2)
HOCO_G30		137	CHAR(1)
HOCORG31	See HOCORG21 for question and source. CODED 31 Other	138	CHAR(2)
HOCO_G31		140	CHAR(1)
REGFEECR	Type of service or privilege: The first two digits represent the	141	CHAR(5)

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

REGF_ECR		146	CHAR(1)
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INC_MORT	Are any of these costs included in your (your CU's) mortgage payment?	147	CHAR(1)
	CODED		
	1 Yes		
	2 No		

CAPI Section 3

INC__ORT		148	CHAR(1)
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COOPSP01	What services were provided for any SPECIAL payments to a management service? (TYPEPROP = 2 only)	149	CHAR(2)
	CODED		
	01 Repayment of loans owed by cooperative		
	02 Property taxes		
	03 Property insurance		
	04 Management		
	05 Repairs and maintenance, including lawn care and snow removal		
	06 Improvements		
	07 Recreational, including swimming, golf, and tennis facilities		
	08 Security, including guards and alarm systems		
	09 Utilities: such as gas, electricity, water, heat		
	10 Trash collection		
	11 Other		

CAPI Section 3

COOP_P01		151	CHAR(1)
COOPSP02	See COOPSP01 for question, codes, and source.	152	CHAR(2)
COOP_P02		154	CHAR(1)
COOPSP03	See COOPSP01 for question, codes, and source.	155	CHAR(2)
COOP_P03		157	CHAR(1)
COOPSP04	See COOPSP01 for question, codes, and source.	158	CHAR(2)
COOP_P04		160	CHAR(1)

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

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



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

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

PART A Telephone Expenses (UTA)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
TELMO	In what month was the bill received?	24	CHAR(2)
	CAPI Section 4		
TELMO_		26	CHAR(1)
TELBSNZ	What percentage of the total charge will be deducted as a business expense?	27	NUM(4,2)
	CAPI Section 4		
TELBSNZ_		31	CHAR(1)
QADBILX	Total amount of telephone bill, adjusted for business	38	NUM(6)
	BLS derived		
QADB_LLX		44	CHAR(1)
TELRES	Telephone service items included in bill	45	CHAR(1)
	CODED		
	1 Residential services		

CAPI Section 4			
TELRESD_		46	CHAR(1)
TELCELL	See TELRESD for question CODED 2 Mobile/cellular service CAPI Section 4	47	CHAR(1)
TELCELL_		48	CHAR(1)
*TELPAGER	See TELRESD for question CODED 3 Pager/beeper service CAPI Section 4 <b>D(Y062)</b>	49	CHAR(1)
*TELP_GER	<b>D(Y062)</b>	50	CHAR(1)
*TELLOCAL	See TELRESD for question CODED 1 Yes, basic (local) service charge included 2 No, basic (local) service charge not included	51	CHAR(1)
CAPI Section 4 <b>D(Y062)</b>			
*TELL_CAL	<b>D(Y062)</b>	52	CHAR(1)
*TELLONGD	See TELRESD for question CODED 1 Yes, domestic long distance charge included 2 No, domestic long distance charge not included	53	CHAR(1)
CAPI Section 4 <b>D(Y062)</b>			
*TELL_NGD	<b>D(Y062)</b>	54	CHAR(1)
*TELINTL	See TELRESD for question CODED 1 Yes, international long distance charges included 2 No, international long distance charges not included	55	CHAR(1)
CAPI Section 4 <b>D(Y062)</b>			
*TELINTL_	<b>D(Y062)</b>	56	CHAR(1)
*TELSERV	See TELRESD for question CODED 1 Yes, telephone related services included 2 No, telephone related services not included	57	CHAR(1)
CAPI Section 4 <b>D(Y062)</b>			

*TELSERV_	<b>D(Y062)</b>	58	CHAR(1)
*TELINSL	See TELRESD for question CODED 1 Yes, installation or repair of telephone lines included 2 No, installation or repair of telephone lines not included  CAPI Section 4 <b>D(Y062)</b>	59	CHAR(1)
*TELINSL_	<b>D(Y062)</b>	60	CHAR(1)
*TELPURCH	See TELRESD for question CODED 1 Yes, telephone or pager purchases or rentals included 2 No, telephone or pager purchases or rental not included  CAPI Section 4 <b>D(Y062)</b>	61	CHAR(1)
*TELP_RCH	<b>D(Y062)</b>	62	CHAR(1)
TINTNET	See TELRESD for question CODED 1 Yes, internet access or data services included 2 No, internet access or data services not included  CAPI Section 4	63	CHAR(1)
TINTNET_		64	CHAR(1)
TCABLE	See TELRESD for question CODED 1 Yes, cable or satellite television services included 2 No, cable or satellite television services not included  CAPI Section 4	65	CHAR(1)
TCABLE_		66	CHAR(1)
*DSLISDN	See TELRESD for question CODED 1 Yes, DSL or ISDN charges included 2 No, DSL or ISDN charges not included  CAPI Section 4 <b>D(Y062)</b>	67	CHAR(1)
*DSLISDN_	<b>D(Y062)</b>	68	CHAR(1)
NTRTPUR	See TELRESD for question CODED 1 Yes, non-telephone related rentals or purchases included 2 No, non-telephone related rentals or purchases not included	69	CHAR(1)

CAPI Section 4

NTRTPUR_		70	CHAR(1)
QADINETX	Total expense for internet access or data services, adjusted for business BLS derived	71	NUM(6)
QADI_ETX		77	CHAR(1)
QADCABLX	Total expense for cable or satellite television service, adjusted for business BLS derived	78	NUM(6)
QADC_BLX		84	CHAR(1)
*QADDSLIX	Total expense for DSL or ISDN, adjusted for business BLS derived <b>D(Y062)</b>	85	NUM(6)
*QADD_LIX	<b>D(Y062)</b>	91	CHAR(1)
QADNTRPX	Total expense for non-telephone related rentals and purchases, adjusted for business BLS derived	92	NUM(6)
QADN_RPX		98	CHAR(1)
QADNTCHX	Total expense for non-telephone related services, adjusted for business BLS derived	99	NUM(6)
QADN_CHX		105	CHAR(1)
TELRESDX	Total expense for residential service, adjusted for business BLS derived	106	NUM(6)
TELR_SDX		112	CHAR(1)
TELCELLX	Total expense for mobile/cellular service, adjusted for business BLS derived	113	NUM(6)
TELC_LLX		119	CHAR(1)
*TELPAGRX	Total expense for pager/beeper service, adjusted for business BLS derived <b>D(Y062)</b>	120	NUM(6)
*TELP_GRX	<b>D(Y062)</b>	126	CHAR(1)

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

PART B Additional Telephone Expenses (UTP)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
QFCD3MCX	Reference period total for pre-paid phone cards minus the current month BLS derived	21	NUM(6)
QFCD_MCX		27	CHAR(1)
QPYP3MCX	Reference period total for public pay phone services minus the current month BLS derived	28	NUM(6)
QPYP_MCX		34	CHAR(1)

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

PART C Cable and Internet Services Expenditures (UTI)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
INTSERV	Cable, satellite, or internet services CODED 100 – Cable or satellite TV or satellite radio service 200 – Internet connection or an internet service provider 255 – Combined cable TV, satellite TV, satellite radio, or internet connection (100, 200) 300 – Listening to or downloading music or audio files 400 – Viewing or downloading video files 500 – Online games or other internet entertainment sites 600 – Internet services away from home such as web cafes or internet kiosks 900 – Combined expenses  CAPI Section 4	21	CHAR(3)
INTSERV_		24	CHAR(1)
INTMO	Month of expense 01 – 12 = month of expense 13 = continuous expense (monthly expense reported)  CAPI Section 4	25	CHAR(2)

INTMO_		27	CHAR(1)
INTCHGX	Amount of the expense	28	NUM(8)
	CAPI Section 4		
INTCHGX_		36	CHAR(1)
INTSRV1	Combined expense item codes and descriptions CODED 100 – Cable or satellite TV or satellite radio services 200 – Internet connection or an internet service provider 300 – Listening to or downloading music or audio files 400 – Viewing or downloading video files 500 – Online games or other internet entertainment sites 600 – Internet services away from home such as web cafes or internet kiosks 900 – Miscellaneous combined expenses  CAPI Section 4	37	CHAR(3)
INTSRV1_		40	CHAR(1)
INTSRV2	See INTSRV1	41	CHAR(3)
INTSRV2_		44	CHAR(1)
INTSRV3	See INTSRV1	45	CHAR(3)
INTSRV3_		48	CHAR(1)
INTSRV4	See INTSRV1	49	CHAR(3)
INTSRV4_		52	CHAR(1)
INTSRV5	See INTSRV1	53	CHAR(3)
INTSRV5_		56	CHAR(1)
INTSRV6	See INTSRV1	57	CHAR(3)
INTSRV6_		60	CHAR(1)
INTSRV7	See INTSRV1	61	CHAR(3)
INTSRV7_		64	CHAR(1)

INTSRV8	See INTSRV1	65	CHAR(3)
INTSRV8_		68	CHAR(1)
INTSRV9	See INTSRV1	69	CHAR(3)
INTSRV9_		72	CHAR(1)

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

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

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
UTILY	Utility code CODED 100 Electricity 110 Natural gas 120 Combined gas and electricity (100, 110) 130 Fuel oil 150 Bottled or tank gas 180 Other fuels including wood 190 Combined expense (130, 150, 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 310 Combined electric/water/sewerage 315 Combined electric, gas, water, sewerage (codes 100, 200, 210) 325 Combined electricity, gas, piped-in water, trash/garbage collection and sewerage (codes 100, 110, 200, 210, 220) 900 Combined Expense (any item in section/part)	21	CHAR(3)
	CAPI Section 4		
UTILY_		24	CHAR(1)
WHATPROP	What property were the charges for?	25	CHAR(2)

CODED

- 01-20 Property number (PROP\_NOB from Section 3, Part B)
- 97 Rented sample unit
- 98 Other rented unit
- 99 Property not owned or rented by CU

CAPI Section 4

WHAT\_ROP 27 CHAR(1)

BLPERIOD What period of time was covered by the bill? 28 CHAR(1)

CODED

- 1 Month
- 2 2 months
- 3 Quarter
- 4 Other

CAPI Section 4

BLPE\_IOD 29 CHAR(1)

BILLMO In what month was the bill received? 30 CHAR(2)

CAPI Section 4

BILLMO\_ 32 CHAR(1)

QFUELADZ Percent of utility/fuel charge not attributable to business expenses and rooms rented to others 47 NUM(4,2)

BLS derived

QFUE\_ADZ 51 CHAR(1)

QADFULX Amount of bill, less charges for merchandise, repairs, or other services not part of the cost of the utility, adjusted for business 52 NUM(6)

BLS derived

QADFULX\_ 58 CHAR(1)

UTLPTYPE Property code 59 CHAR(1)

CODED

- 1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live
- 2 A second home, vacation home or recreational property
- 3 Unimproved land with no buildings on it or other property
- 4 Rented sample unit or other rented unit
- 5 Property not owned or rented by CU

BLS derived

UTLP\_YPE 60 CHAR(1)

HAVEBILL Did the respondent use a bill or statement? (Answer No if only checkbook records were used) 61 CHAR(1)



- 1 Yes, bill or statement used
- 2 No, bill or statement not used.

CAPI Section 4

HAVE_ILL		62	CHAR(1)
UTIL1	If UTILY = 900, then UTIL1 will contain the first code mentioned of the multiple items indicated in UTILY	63	CHAR(3)
CAPI Section 4			
UTIL1_		66	CHAR(1)
UTIL2	Same as UTIL1, but contains the second item mentioned	67	CHAR(3)
CAPI Section 4			
UTIL2_		70	CHAR(1)
UTIL3	Same as UTIL1, but contains the third item mentioned	71	CHAR(3)
CAPI Section 4			
UTIL3_		74	CHAR(1)
UTIL4	Same as UTIL1, but contains the fourth item mentioned	75	CHAR(3)
CAPI Section 4			
UTIL4_		78	CHAR(1)
UTIL5	Same as UTIL1, but contains the fifth item mentioned	79	CHAR(3)
CAPI Section 4			
UTIL5_		82	CHAR(1)
UTIL6	Same as UTIL1, but contains the sixth item mentioned	83	CHAR(3)
CAPI Section 4			
UTIL6_		86	CHAR(1)
UTIL7	Same as UTIL1, but contains the seventh item mentioned	87	CHAR(3)
CAPI Section 4			
UTIL7_		90	CHAR(1)
UTIL8	Same as UTIL1, but contains the eighth item mentioned	91	CHAR(3)
CAPI Section 4			
UTIL8_		94	CHAR(1)

UTIL9	Same as UTIL1, but contains the ninth item mentioned	95	CHAR(3)
	CAPI Section 4		
UTIL9_		98	CHAR(1)

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

**PART E Screening and Detailed Questions for Vacation Properties (UTB)**

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
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 150 Bottled or tank gas 180 Other fuels including wood 190 Combined expenses (130, 150, 180) 200 Piped-in water 210 Trash/garbage collection 220 Sewerage maintenance 230 Combined trash/garbage/water/sewerage (200 - 220) 240 Combined trash/garbage/water (200, 210) 250 Combined trash/garbage/sewerage (210, 220) 260 Combined water/sewerage (200, 220) 270 Water softening service 280 Septic tank cleaning 290 Cable TV, satellite TV, or satellite radio services not already reported 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) 325 Combined electricity, gas, piped-in water, trash/garbage collection and sewerage (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)  CAPI Section 4	21	CHAR(3)

VACUTLY_		24	CHAR(1)
VACUTMO	In what month was the bill received?	25	CHAR(2)
	CAPI Section 4		
VACUTMO_		27	CHAR(1)
VACUTLX	What was the total amount of the charges?	28	NUM(6)
	CAPI Section 4		
VACUTLX_		34	CHAR(1)
VACUTL1	If VACUTLY = 900, then VACUTL1 will contain the first code mentioned of the multiple items indicated in VACUTLY	35	CHAR(3)
	CAPI Section 4		
VACUTL1_		38	CHAR(1)
VACUTL2	Same as VACUTL1, but contains the second item mentioned	39	CHAR(3)
	CAPI Section 4		
VACUTL2_		42	CHAR(1)
VACUTL3	Same as VACUTL1, but contains the third item mentioned	43	CHAR(3)
	CAPI Section 4		
VACUTL3_		46	CHAR(1)
VACUTL4	Same as VACUTL1, but contains the fourth item mentioned	47	CHAR(3)
	CAPI Section 4		
VACUTL4_		50	CHAR(1)
VACUTL5	Same as VACUTL1, but contains the fifth item mentioned	51	CHAR(3)
	CAPI Section 4		
VACUTL5_		54	CHAR(1)
VACUTL6	Same as VACUTL1, but contains the sixth item mentioned	55	CHAR(3)
	CAPI Section 4		
VACUTL6_		58	CHAR(1)
VACUTL7	Same as VACUTL1, but contains the seventh item mentioned	59	CHAR(3)
	CAPI Section 4		

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

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

PART A Screening Questions (CRA)

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

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

MATNSPCX	Since the 1st of ( <i>month, three months ago</i> ), excluding the current month, what was the total cost of materials and supplies purchased not for any specific job?	32	NUM(6)
	CAPI Section 5		
MATN_PCX		38	CHAR(1)
CRMCD A1	If CRMCODEA = 310, then CRMCD A1 will contain the first code mentioned of the multiple items indicated in CRMCODEA	39	CHAR(3)
	CAPI Section 5		
CRMCD A1_		42	CHAR(1)
CRMCD A2	Same as CRMCD A1, but contains the second item mentioned	43	CHAR(3)
	CAPI Section 5		
CRMCD A2_		46	CHAR(1)
CRMCD A3	Same as CRMCD A1, but contains the third item mentioned	47	CHAR(3)
	CAPI Section 5		
CRMCD A3_		50	CHAR(1)
CRMCD A4	Same as CRMCD A1, but contains the fourth item mentioned	51	CHAR(3)
	CAPI Section 5		
CRMCD A4_		54	CHAR(1)
CRMCD A5	Same as CRMCD A1, but contains the fifth item mentioned	55	CHAR(3)
	CAPI Section 5		
CRMCD A5_		58	CHAR(1)
CRMCD A6	Same as CRMCD A1, but contains the sixth item mentioned	59	CHAR(3)
	CAPI Section 5		
CRMCD A6_		62	CHAR(1)
CRMCD A7	Same as CRMCD A1, but contains the seventh item mentioned	63	CHAR(3)
	CAPI Section 5		
CRMCD A7_		66	CHAR(1)
CRMCD A8	Same as CRMCD A1, but contains the eighth item mentioned	67	CHAR(3)
	CAPI Section 5		
CRMCD A8_		70	CHAR(1)
CRMCD A9	Same as CRMCD A1, but contains the ninth item mentioned	71	CHAR(3)
	CAPI Section 5		
CRMCD A9_		74	CHAR(1)

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

**PART B Job Description (CRB)**

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
CRMCODEB	Job code for jobs in progress or completed.	21	CHAR(3)
	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		
CRMC_DEB		24	CHAR(1)
CRMPROPI	Property number	25	CHAR(2)
	CODED		
	01-20 Property number (PROP_NOB from Section 3, Part B)		
	97 Rented sample unit		
	98 Other rented unit		
	99 Property not owned or rented by CU		
	CAPI Section 5		
CRMP_OPI		27	CHAR(1)

CRMTYPE	Job classification CODED 1 Addition 2 Alteration 3 Replacement 4 Maintenance and repair 5 New construction  CAPI Section 5	28	CHAR(1)
CRMTYPE_		29	CHAR(1)
APPCDE1	Which of these items did the job include? 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	30	CHAR(3)
APPCDE1_		33	CHAR(1)
APPCDE2	See APPCDE1 for question, codes, and source.	34	CHAR(3)
APPCDE2_		37	CHAR(1)
APPCDE3	See APPCDE1 for question, codes, and source.	38	CHAR(3)
APPCDE3_		41	CHAR(1)
APPCDE4	See APPCDE1 for question, codes, and source.	42	CHAR(3)
APPCDE4_		45	CHAR(1)
APPCDE5	See APPCDE1 for question, codes, and source.	46	CHAR(3)



APPCDE5_		49	CHAR(1)
APPCDE6	See APPCDE1 for question, codes, and source.	50	CHAR(3)
APPCDE6_		53	CHAR(1)
REIMBRSZ	What percent of the total cost was (will be) reimbursed or paid by someone outside of your CU?	54	NUM(4,2)
	CAPI Section 5		
REIM_RSZ		58	CHAR(1)
CRMBSNSZ	What percent of these expenses for this job was (will be) deducted as a business expense?	59	NUM(4,2)
	CAPI Section 5		
CRMB_NSZ		63	CHAR(1)
QADLABX	Cost of labor, materials, appliances, and equipment provided by contractor since first of month, three months ago, adjusted for business and reimbursements	64	NUM(8)
	BLS derived		
QADLABX_		72	CHAR(1)
QADLAB3X	Cost of labor, materials, appliances, and equipment provided by contractor for month, three months ago, adjusted for business and reimbursements	73	NUM(8)
	BLS derived		
QADL_B3X		81	CHAR(1)
QADLAB2X	Cost of labor, materials, appliances, and equipment provided by contractor for month, two months ago, adjusted for business and reimbursements	82	NUM(8)
	BLS derived		
QADL_B2X		90	CHAR(1)
QADLAB1X	Cost of labor, materials, appliances, and equipment provided by contractor for month, one month ago, adjusted for business and reimbursements	91	NUM(8)
	BLS derived		
QADL_B1X		99	CHAR(1)
QADEQPX1	Cost of appliance or equipment provided by contractor, referenced by APPCDE1, adjusted for business and reimbursements	100	NUM(9,2)

	BLS derived		
QADE_PX1		109	CHAR(1)
QADEQPX2	Cost of appliance or equipment provided by contractor, referenced by APPCDE2, adjusted for business and reimbursements	110	NUM(9,2)
	BLS derived		
QADE_PX2		119	CHAR(1)
QADEQPX3	Cost of appliance or equipment provided by contractor, referenced by APPCDE3, adjusted for business and reimbursements	120	NUM(9,2)
	BLS derived		
QADE_PX3		129	CHAR(1)
QADEQPX4	Cost of appliance or equipment provided by contractor, referenced by APPCDE4, adjusted for business and reimbursements	130	NUM(9,2)
	BLS derived		
QADE_PX4		139	CHAR(1)
QADEQPX5	Cost of appliance or equipment provided by contractor, referenced by APPCDE5, adjusted for business and reimbursements	140	NUM(9,2)
	BLS derived		
QADE_PX5		149	CHAR(1)
QADEQPX6	Cost of appliance or equipment provided by contractor, referenced by APPCDE6, adjusted for business and reimbursements	150	NUM(9,2)
	BLS derived		
QADE_PX6		159	CHAR(1)
QADPSP3X	Cost of materials, supplies, tools, or equipment purchased by CU in the month, three months ago, adjusted for business and reimbursement	160	NUM(8)
	BLS derived		
QADP_P3X		168	CHAR(1)
QADPSP2X	Cost of materials, supplies, tools, or equipment purchased by CU in the month, two months ago, adjusted for business and reimbursement	169	NUM(8)

	BLS derived		
QADP_P2X		177	CHAR(1)
QADPSPLX	Cost of materials, supplies, tools, or equipment purchased by CU in the month, one month ago, adjusted for business and reimbursement	178	NUM(8)
	BLS derived		
QADP_PLX		186	CHAR(1)
QADRSP3X	Cost of tools or equipment rented by CU in the month, three months ago, adjusted for business and reimbursement	187	NUM(8)
	BLS derived		
QADR_P3X		195	CHAR(1)
QADRSP2X	Cost of tools or equipment rented by CU in the month, two months ago, adjusted for business and reimbursement	196	NUM(8)
	BLS derived		
QADR_P2X		204	CHAR(1)
QADRSP1X	Cost of tools or equipment rented by CU in the month, one month ago, adjusted for business and reimbursement	205	NUM(8)
	BLS derived		
QADR_PLX		213	CHAR(1)
CRMPTYPE	Property code CODED 1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live 2 A second home, vacation home or recreational property 3 Unimproved land with no buildings on it or other property 4 Rented sample unit or other rented unit 5 Property not owned or rented by CU	214	CHAR(1)
	BLS derived		
CRMP_YPE		215	CHAR(1)
CRMCODE	Detailed job codes	216	CHAR(3)
	NOTE: This variable did not undergo the Census edit process and therefore a small number of observations may have codes other than those listed below. It is not known to which type of job these codes refer.		
	CODED 101 Bathroom addition		

102 Kitchen addition  
103 Addition of other room in house  
104 Addition of deck or porch  
105 Addition of attached garage, carport or shed  
199 Other addition  
201 New bathroom plumbing fixture  
202 New kitchen plumbing fixture  
203 Other new plumbing  
204 New insulation  
205 New heating, ventilation and/or air conditioning  
206 New electrical  
207 New security system  
208 New paneling and/or ceiling tile  
209 New tile, vinyl and/or linoleum flooring  
210 Other new flooring  
211 Bathroom remodeling  
212 Kitchen remodeling  
213 New kitchen cabinets  
214 Bathroom and kitchen remodeling  
215 Finishing unfinished space  
216 New garage door opener  
217 New siding  
218 Other remodeling or interior of the house  
219 New windows and/or skylights  
220 New doors  
299 Other alterations  
301 Addition of detached garage or carport  
302 Addition of other detached building  
303 Addition of patio or terrace  
304 New sprinkler system, septic tank, or well  
305 New recreational facilities  
306 New driveway or walk  
307 New fence  
399 Other new outside addition or alteration  
401 Painting  
402 Wallpapering  
403 Plumbing repair  
404 Repair driveway or walk  
405 Repair heating, ventilation or air conditioning system  
406 Electrical repair  
407 Repair siding  
408 Repair roofing  
409 Repair flooring  
410 Repair windows or skylights  
411 Repair doors  
412 Repair recreational facilities  
498 Purchase materials to have on hand  
499 Other repairs  
501 Replacement of plumbing fixtures  
502 Replacement of water heater, garbage disposal, or laundry tub  
503 Replacement of septic tank or well  
504 Replacement of interior pipes  
505 Replacement of heating, ventilation or air conditioning system  
506 Replacement of wiring

	507 Replacement of siding		
	508 Replacement of roof		
	509 Replacement of driveway or walk		
	510 Replacement of windows or skylights		
	511 Replacement of doors		
	599 Other major replacements		
	BLS derived		
CRMCODE_		219	CHAR(1)
QADPSPTX	Total cost of supplies purchased by CU adjusted for business & reimbursement)	220	NUM(8)
	BLS derived		
QADP_PTX		228	CHAR(1)
QADTLRX	Total cost of supplies rented by CU (adjusted for business & reimbursement)	229	NUM(8)
	BLS derived		
QADTLRX_		237	CHAR(1)
CRMCDDB1	If CRMCODEB = 310, then CRMCDAB1 will contain the first code mentioned of the multiple items indicated in CRMCODEB	238	CHAR(3)
	CAPI Section 5		
CRMCDDB1_		241	CHAR(1)
CRMCDDB2	Same as CRMCDDB1, but contains the second item mentioned	242	CHAR(3)
	CAPI Section 5		
CRMCDDB2_		245	CHAR(1)
CRMCDDB3	Same as CRMCDDB1, but contains the third item mentioned	246	CHAR(3)
	CAPI Section 5		
CRMCDDB3_		249	CHAR(1)
CRMCDDB4	Same as CRMCDDB1, but contains the fourth item mentioned	250	CHAR(3)
	CAPI Section 5		
CRMCDDB4_		253	CHAR(1)
CRMCDDB5	Same as CRMCDDB1, but contains the fifth item mentioned	254	CHAR(3)
	CAPI Section 5		
CRMCDDB5_		257	CHAR(1)
CRMCDDB6	Same as CRMCDDB1, but contains the sixth item mentioned	258	CHAR(3)
	CAPI Section 5		
CRMCDDB6_		261	CHAR(1)
CRMCDDB7	Same as CRMCDDB1, but contains the seventh item mentioned	262	CHAR(3)

CAPI Section 5

CRMCD7_		265	CHAR(1)
CRMCD8_	Same as CRMCD1, but contains the eighth item mentioned	266	CHAR(3)

CAPI Section 5

CRMCD8_		269	CHAR(1)
CRMCD9	Same as CRMCD1, but contains the ninth item mentioned	270	CHAR(3)

CAPI Section 5

CRMCD9_		273	CHAR(1)
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**p. SECTION 6 APPLIANCES, HOUSEHOLD EQUIPMENT, AND OTHER SELECTED ITEMS**

PART A Purchase of Household Appliances (APA)

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
MAJAPPLY	Item code CODED 100 Electric cooking stove, range, or oven 110 Gas cooking stove, range, or oven 120 Microwave oven 130 Other cooking stove, range, or oven including wood, coal, or peat burning stoves 140 Refrigerator 150 Home-freezer 160 Built-in dishwasher 170 Portable dishwasher 180 Garbage disposal 190 Clothes washer 200 Clothes dryer 210 Range hood 220 Combined major appliances (100-210) CODED 225 Combined Clothes washer and dryer (190, 200)	21	CHAR(3)
	CAPI Section 6		
MAJA_PLY		24	CHAR(1)
GFTC_MAJ	Was this item purchased for own use, rented, or purchased as gift to others? CODED 1 Purchased for own use 2 Rented 3 Purchased for someone outside your CU	25	CHAR(1)

CAPI Section 6			
GFTC0MAJ		26	CHAR(1)
MAJ_MO	When did you purchase it?	27	CHAR(2)
CODED 01-12 January-December			
CAPI Section 6			
MAJ_MO_		29	CHAR(1)
MAJPURX	What was the purchase price after any trade-in allowance?	30	NUM(6)
CAPI Section 6			
MAJPURX_		36	CHAR(1)
MAJRENTX	What was the total rental expense since the 1st of ( <i>month, 3 months ago</i> ), excluding the current month? (GFTC_MAJ = 2 only)	39	NUM(6)
CAPI Section 6			
MAJR_NTX		45	CHAR(1)
MAJINSTX	How much were any extra charges for installation?	46	NUM(6)
CAPI Section 6			
MAJI_STX		52	CHAR(1)
MJAPPL1	If MAJAPPLY = 225, then MJAPPL1 will contain the first code mentioned of the multiple items indicated in MAJAPPLY	53	CHAR(3)
CAPI Section 6			
MJAPPL1_	Same as MJAPPL1, but contains the second item mentioned	56	CHAR(1)
MJAPPL2		57	CHAR(3)
CAPI Section 6			
MJAPPL2_		60	CHAR(1)
MJAPPL3	Same as MJAPPL1, but contains the third item mentioned	61	CHAR(3)
CAPI Section 6			
MJAPPL3_	Same as MJAPPL1, but contains the fourth item mentioned	64	CHAR(1)
MJAPPL4		65	CHAR(3)
CAPI Section 6			
MJAPPL4_		68	CHAR(1)

MJAPPL5	Same as MJAPPL1, but contains the fifth item mentioned	69	CHAR(3)
	CAPI Section 6		
MJAPPL5_ MJAPPL6	Same as MJAPPL1, but contains the sixth item mentioned	72 73	CHAR(1) CHAR(3)
	CAPI Section 6		
MJAPPL6_ MJAPPL7	Same as MJAPPL1, but contains the seventh item mentioned	76 77	CHAR(1) CHAR(3)
	CAPI Section 6		
MJAPPL7_ MJAPPL8	Same as MJAPPL1, but contains the eighth item mentioned	80 81	CHAR(1) CHAR(3)
	CAPI Section 6		
MJAPPL8_ MJAPPL9	Same as MJAPPL1, but contains the ninth item mentioned	84 85	CHAR(1) CHAR(3)
	CAPI Section 6		
MJAPPL9_		88	CHAR(1)



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

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
MINAPPLY	Item code	21	CHAR(3)
	CODED		
	230 Small electrical kitchen appliances		
	240 Electric personal care appliances		
	250 Smoke detectors		
	260 Electric floor cleaning equipment		
	270 Other household appliances		
	280 Sewing machines		
	300 Photographic equipment		
	310 Lawnmowing machinery and other yard equipment		
	320 Power tools		
	330 Non-power tools		
	340 Window air conditioners		
	350 Portable cooling and heating equipment		
	365 Television, all types, including combinations of TV with DVD/video player		
	390 VCR, video camera, video disc player, camcorder		
	395 Handheld personal music players		
	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		
	610 Telephone answering devices		
	620 Other office machines including typewriters and calculators		
	640 Computers, computer systems and related hardware for non-business use		

650 Computer software and accessories for non-business use.  
 660 Telephones and accessories  
 665 Personal digital assistants (PDAs)  
 670 Satellite dishes  
 800 Combined expenses (230-280, 300-350, 610, 620, 640-660)  
 810 Combined expenses (365-440, 665, 670)  
 820 Combined sports, recreation, and exercise equipment expenses (470-570)  
 900 Combined expense (any item in section/part)

CAPI Section 6

MINA_PLY		24	CHAR(1)
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GFTCMIN	Was this item purchased for own use, rented, or purchased as gift to others?	25	CHAR(1)
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CODED

- 1 Purchased for own use
- 2 Rented
- 3 Purchased for someone outside your CU

CAPI Section 6

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

CAPI Section 6

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

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

MINR_NTX		43	CHAR(1)
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MNAPPL1	If MINAPPLY = 900, then MNAPPL1 will contain the first code mentioned of the multiple items indicated in MINAPPLY	44	CHAR(3)
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CAPI Section 6

MNAPPL1_		47	CHAR(1)
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MNAPPL2	Same as MNAPPL1, but contains the second item mentioned	48	CHAR(3)
	CAPI Section 6		
MNAPPL2_ MNAPPL3	Same as MNAPPL1, but contains the third item mentioned	51 52	CHAR(1) CHAR(3)
	CAPI Section 6		
MNAPPL3_ MNAPPL4	Same as MNAPPL1, but contains the fourth item mentioned	55 56	CHAR(1) CHAR(3)
	CAPI Section 6		
MNAPPL4_ MNAPPL5	Same as MNAPPL1, but contains the fifth item mentioned	59 60	CHAR(1) CHAR(3)
	CAPI Section 6		
MNAPPL5_ MNAPPL6	Same as MNAPPL1, but contains the sixth item mentioned	63 64	CHAR(1) CHAR(3)
	CAPI Section 6		
MNAPPL6_ MNAPPL7	Same as MNAPPL1, but contains the seventh item mentioned	67 68	CHAR(1) CHAR(3)
	CAPI Section 6		
MNAPPL7_ MNAPPL8	Same as MNAPPL1, but contains the eighth item mentioned	71 72	CHAR(1) CHAR(3)
	CAPI Section 6		
MNAPPL8_ MNAPPL9	Same as MNAPPL1, but contains the ninth item mentioned	75 76	CHAR(1) CHAR(3)
	CAPI Section 6		
MNAPPL9_		79	CHAR(1)

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

PART A Household Equipment Repairs and Service Contracts (EQB)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
RPAIRTYP	Identifier of cost as equipment repair or service contract CODED 1 Equipment repair 2 Service contract  CAPI Section 7	21	CHAR(1)
RPAI_TYP		22	CHAR(1)
APPRPRYB	Equipment repair or service contract code CODED 100 Garbage disposal, range hood, or built-in dishwasher 110 Other household appliances, including washer, refrigerator or range/oven 115 Combined garbage disposal/range hood/built-in dishwasher and other household appliances including washer, refrigerator or range/oven (100, 110) 120 Television, radio, video, and sound equipment except those installed in automobiles or other vehicles 130 Lawn and garden equipment 140 Musical instruments and accessories 150 Hand or power tools 160 Photographic equipment 170 Sport and recreational equipment 190 Termite or pest control treatment 200 Heating or air conditioning equipment 210 Combined expenses for equipment repair (100-180, 220) or service contracts (100-200, 220) 220 Computers, computer systems and related equipment for non-business use  CAPI Section 7	23	CHAR(3)
APPR_RYB		26	CHAR(1)
SRVCMOB	In what month was (repair done/service contract purchased)?  CAPI Section 7	27	CHAR(2)
SRVCMOB_		29	CHAR(1)

REPAIRX	What was the total cost?	30	NUM(6)
	CAPI Section 7		
REPAIRX_		36	CHAR(1)
APPRPB1	If APPRPRYB = 900, then APPRPB1 will contain the first code mentioned of the multiple items indicated in APPRPRYB	37	CHAR(3)
	CAPI Section 7		
APPRPB1_		40	CHAR(1)
APPRPB2	Same as APPRPB1, but contains the second item mentioned	41	CHAR(3)
	CAPI Section 7		
APPRPB2_		44	CHAR(1)
APPRPB3	Same as APPRPB1, but contains the third item mentioned	45	CHAR(3)
	CAPI Section 7		
APPRPB3_		48	CHAR(1)
APPRPB4	Same as APPRPB1, but contains the fourth item mentioned	49	CHAR(3)
	CAPI Section 7		
APPRPB4_		52	CHAR(1)
APPRPB5	Same as APPRPB1, but contains the fifth item mentioned	53	CHAR(3)
	CAPI Section 7		
APPRPB5_		56	CHAR(1)
APPRPB6	Same as APPRPB1, but contains the sixth item mentioned	57	CHAR(3)
	CAPI Section 7		
APPRPB6_		60	CHAR(1)
APPRPB7	Same as APPRPB1, but contains the seventh item mentioned	61	CHAR(3)
	CAPI Section 7		
APPRPB7_		64	CHAR(1)
APPRPB8	Same as APPRPB1, but contains the eighth item mentioned	65	CHAR(3)
	CAPI Section 7		
APPRPB8_		68	CHAR(1)
APPRPB9	Same as APPRPB1, but contains the ninth item mentioned	69	CHAR(3)
	CAPI Section 7		
APPRPB9_		72	CHAR(1)

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

## PART A Purchases (FRA)

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
FURNPURY	Item code CODED	21	CHAR(3)
	100 Sofas		
	101 Living room chairs		
	102 Living room tables		
	103 Modular wall units, shelves or cabinets		
	104 Ping-pong, pool tables, other similar recreation room items		
	105 Other living room, family or recreation room furniture including desks		
	106 Living room furniture combinations (100-103, 105)		
	110 All dining room and kitchen furniture		
	120 Mattresses and springs		
	121 Bedroom furniture other than mattresses and springs		
	122 Bedroom furniture combinations (120, 121)		
	130 Infants furniture		
	131 Infants equipment		
	140 Patio, porch or outdoor furniture		
	141 Outdoor equipment		
	150 All office furniture for home use		
	160 Combined furniture expenses (100-105, 110, 120, 121, 130, 140, 141, 150)		
	170 Clocks		
	171 Lamps, and other lighting fixtures		
	173 Other household decorative items		
	180 Storage items		
	181 Travel items		
	190 Plastic dinnerware		
	191 China and other dinnerware		
	192 Stainless, silver, and other flatware		
	193 Glassware		
	195 Serving pieces other than silver		
	196 Non-electric cookware		
	197 Combined kitchenware (190-196)		
	198 Silver serving pieces		
	200 Bedroom linens		
	201 Bathroom linens		
	202 Kitchen and dining room linens		
	203 Other linens		
	204 Combined linens (200-203)		
	205 Slipcovers, decorative pillows and cushions		
	210 Original wall-to-wall carpeting		
	211 Replacement wall-to-wall carpeting		
	212 Room-size rugs and other non-permanent floor coverings, including carpet squares		
	214 Curtains and drapes		
	215 Venetian blinds, window shades, other window coverings		

220 Combined expenses (170, 171, 173, 180, 190-193, 195,  
196, 198, 200-203, 205, 210, 211-217)  
900 Combined expense (any item in section/part)

CAPI Section 8

FURN_URY		24	CHAR(1)
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FURNMO	In what month did you purchase the item?	25	CHAR(2)
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CAPI Section 8

FURNMO_		27	CHAR(1)
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FURNGFTC	Was this purchased for your CU or as a gift to someone outside the CU? CODED 1 For use by the CU 2 Household furnishings purchased for someone outside your CU	28	CHAR(1)
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CAPI Section 8

FURN_FTC		29	CHAR(1)
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FURNPURX	What was the purchase price?	30	NUM(6)
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CAPI Section 8

FRNPRY1	If FURNPURY = 900, then FRNPRY1 will contain the first code mentioned of the multiple items indicated in FURNPURY	37	CHAR(3)
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CAPI Section 8

FRNPRY1_		40	CHAR(1)
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FRNPRY2	Same as FRNPRY1, but contains the second item mentioned	41	CHAR(3)
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CAPI Section 8

FRNPRY2_		44	CHAR(1)
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FRNPRY3	Same as FRNPRY1, but contains the third item mentioned	45	CHAR(3)
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CAPI Section 8

FRNPRY3_		48	CHAR(1)
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FRNPRY4	Same as FRNPRY1, but contains the fourth item mentioned	49	CHAR(3)
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CAPI Section 8

FRNPRY4_		52	CHAR(1)
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FRNPRY5	Same as FRNPRY1, but contains the fifth item mentioned	53	CHAR(3)
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CAPI Section 8			
FRNPRY5_		56	CHAR(1)
FRNPRY6_	Same as FRNPRY1, but contains the sixth item mentioned	57	CHAR(3)
CAPI Section 8			
FRNPRY6_		60	CHAR(1)
FRNPRY7_	Same as FRNPRY1, but contains the seventh item mentioned	61	CHAR(3)
CAPI Section 8			
FRNPRY7_		64	CHAR(1)
FRNPRY8_	Same as FRNPRY1, but contains the eighth item mentioned	65	CHAR(3)
CAPI Section 8			
FRNPRY8_		68	CHAR(1)
FRNPRY9_	Same as FRNPRY1, but contains the ninth item mentioned	69	CHAR(3)
CAPI Section 8			
FRNPRY9_		72	CHAR(1)

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

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

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

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

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



## PART A Clothing (CLA)

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
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) 275 Combined pants/slacks/jeans and shirts/blouses/tops (150, 190) 280 Footwear (include athletic shoes not specifically purchased for sports) 900 Combined expense (any item in section/part)	21	CHAR(3)
	CAPI Section 9		
CLOTHQA	How many of this item did you purchase?	25	NUM(4)
	CAPI Section 9		
CLOTHQA_		29	CHAR(1)
CLOTHMOA	In what month did you purchase it?	30	CHAR(2)
	CAPI Section 9		
CLOT_MOA		32	CHAR(1)
CLOTHXA	How much did it cost?	33	NUM(6)
	CAPI Section 9		
CLOTHXA_		39	CHAR(1)
AGE_SEXA	Age/sex code of person for whom clothing item was purchased	40	CHAR(1)

	CODED		
	1 Male, 16 and over		
	2 Female, 16 and over		
	3 Male, 2 through 15		
	4 Female, 2 through 15		
	5 Infant under 2 years		
	BLS derived		
AGE__EXA		41	CHAR(1)
CLOGFTA	Identifier of purchase as gift or non-gift	42	CHAR(1)
	CODED		
	1 Gift		
	2 Non-gift		
	BLS derived		
CLOGFTA_		43	CHAR(1)
CLOTHA1	If CLOTHYA = 900, then CLOTHA1 will contain the first code mentioned of the multiple items indicated in CLOTHYA	44	CHAR(3)
	CAPI Section 9		
CLOTHA1_		47	CHAR(1)
CLOTHA2	Same as CLOTHA1, but contains the second item mentioned	48	CHAR(3)
	CAPI Section 9		
CLOTHA2_		51	CHAR(1)
CLOTHA3	Same as CLOTHA1, but contains the third item mentioned	52	CHAR(3)
	CAPI Section 9		
CLOTHA3_		55	CHAR(1)
CLOTHA4	Same as CLOTHA1, but contains the fourth item mentioned	56	CHAR(3)
	CAPI Section 9		
CLOTHA4_		59	CHAR(1)
CLOTHA5	Same as CLOTHA1, but contains the fifth item mentioned	60	CHAR(3)
	CAPI Section 9		
CLOTHA5_		63	CHAR(1)
CLOTHA6	Same as CLOTHA1, but contains the sixth item mentioned	64	CHAR(3)

CAPI Section 9

CLOTHA6_		67	CHAR(1)
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CLOTHA7	Same as CLOTHA1, but contains the seventh item mentioned	68	CHAR(3)
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CAPI Section 9

CLOTHA7_		71	CHAR(1)
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CLOTHA8	Same as CLOTHA1, but contains the eighth item mentioned	72	CHAR(3)
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CAPI Section 9

CLOTHA8_		75	CHAR(1)
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CLOTHA9	Same as CLOTHA1, but contains the ninth item mentioned	76	CHAR(3)
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CAPI Section 9

CLOTHA9_		79	CHAR(1)
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**v. SECTION 9 CLOTHING AND SEWING MATERIALS**

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
CLOTHYB	Item code CODED	21	CHAR(3)
	200 Same as Section 8, Part A - Bedroom Linens (may be present if expenditures are allocated from layettes - CLOTHYB = 330)		
	201 Same as Section 8, Part A - Bathroom Linens (may be present if expenditures are allocated from layettes - CLOTHYB = 330)		
	290 Infants coats, jackets, or snowsuits		
	300 Infants dresses and other outerwear		
	310 Infants' underwear and diapers, including disposable		
	320 Infants sleeping garments		
	330 Layettes (Allocated to codes 200, 201, 310, 320, 340)		
	340 Infants accessories		
	360 Combined clothing for infants (290-320, 340)		
	370 Watches		
	380 Jewelry		

390 Hairpieces, wigs or toupees  
 900 Combined expense (any item in section/part)

CAPI Section 9

CLOTHYB_		24	CHAR(1)
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CLOGFTB	Was this item purchased for your CU or for someone outside of your CU?	25	CHAR(1)
	CODED		
	1 CU member		
	2 Non-CU member		

CAPI Section 9

CLOGFTB_		26	CHAR(1)
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CLOTHQB	How many of this item did you purchase?	27	NUM(4)
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CAPI Section 9

CLOTHQB_		31	CHAR(1)
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CLOTHMOB	In what month did you purchase it?	32	CHAR(2)
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CAPI Section 9

CLOT_MOB		34	CHAR(1)
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CLOTHXB	How much did it cost?	35	NUM(6)
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CAPI Section 9

CLOTHXB_		41	CHAR(1)
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AGE_SEXB	Age/sex code of person for whom item was purchased	42	CHAR(1)
	CODED		
	5 Infant under 2 years		
	Blank Purchases of watches, jewelry, hairpieces, wigs, and toupees		

BLS derived

AGE__EXB		43	CHAR(1)
----------	--	----	---------

CLOTHB1	If CLOTHYB = 900, then CLOTHB1 will contain the first code mentioned of the multiple items indicated in CLOTHYB	44	CHAR(3)
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CAPI Section 9

CLOTHB1_		47	CHAR(1)
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CLOTHB2	Same as CLOTHB1, but contains the second item mentioned	48	CHAR(3)
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CAPI Section 9

CLOTHB2_		51	CHAR(1)
CLOTHB3	Same as CLOTHB1, but contains the third item mentioned CAPI Section 9	52	CHAR(3)
CLOTHB3_		55	CHAR(1)
CLOTHB4	Same as CLOTHB1, but contains the fourth item mentioned CAPI Section 9	56	CHAR(3)
CLOTHB4_		59	CHAR(1)
CLOTHB5	Same as CLOTHB1, but contains the fifth item mentioned CAPI Section 9	60	CHAR(3)
CLOTHB5_		63	CHAR(1)
CLOTHB6	Same as CLOTHB1, but contains the sixth item mentioned CAPI Section 9	64	CHAR(3)
CLOTHB6_		67	CHAR(1)
CLOTHB7	Same as CLOTHB1, but contains the seventh item mentioned CAPI Section 9	68	CHAR(3)
CLOTHB7_		71	CHAR(1)
CLOTHB8	Same as CLOTHB1, but contains the eighth item mentioned CAPI Section 9	72	CHAR(3)
CLOTHB8_		75	CHAR(1)
CLOTHB9	Same as CLOTHB1, but contains the ninth item mentioned CAPI Section 9	76	CHAR(3)
CLOTHB9_		79	CHAR(1)

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

# PART C Clothing Services (CLD)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	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)	21	CHAR(3)
	CAPI Section 9		
CLOTHYD_		24	CHAR(1)
CLSVGFTC	Was this service purchased for your CU or for someone outside your CU? CODED 1 CU member 2 Non-CU member	25	CHAR(1)
	CAPI Section 9		
CLSV_FTC		26	CHAR(1)
CLOTHMOD	In what month did you purchase it?	27	CHAR(2)
	CAPI Section 9		
CLOT_MOD		29	CHAR(1)
CLSRVCX	How much did it cost?	30	NUM(6)
	CAPI Section 9		
CLSRVCX_		36	CHAR(1)
CLOTHD1	If CLOTHYD = 500, then CLOTHD1 will contain the first code mentioned of the multiple items indicated in CLOTHYD	37	CHAR(3)
	CAPI Section 9		
CLOTHD1_		40	CHAR(1)
CLOTHD2	Same as CLOTHD1, but contains the second item mentioned	41	CHAR(3)
	CAPI Section 9		

CLOTHD2_		44	CHAR(1)
CLOTHD3	Same as CLOTHD1, but contains the third item mentioned CAPI Section 9	45	CHAR(3)
CLOTHD3_		48	CHAR(1)
CLOTHD4	Same as CLOTHD1, but contains the fourth item mentioned CAPI Section 9	49	CHAR(3)
CLOTHD4_		52	CHAR(1)
CLOTHD5	Same as CLOTHD1, but contains the fifth item mentioned CAPI Section 9	53	CHAR(3)
CLOTHD5_		56	CHAR(1)
CLOTHD6	Same as CLOTHD1, but contains the sixth item mentioned CAPI Section 9	57	CHAR(3)
CLOTHD6_		60	CHAR(1)
CLOTHD7	Same as CLOTHD1, but contains the seventh item mentioned CAPI Section 9	61	CHAR(3)
CLOTHD7_		64	CHAR(1)
CLOTHD8	Same as CLOTHD1, but contains the eighth item mentioned CAPI Section 9	65	CHAR(3)
CLOTHD8_		68	CHAR(1)
CLOTHD9	Same as CLOTHD1, but contains the ninth item mentioned CAPI Section 9	69	CHAR(3)
CLOTHD9_		72	CHAR(1)

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

# PART D Sewing Materials (CLC)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	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)	21	CHAR(3)
	CAPI Section 9		
SEWINGY_		24	CHAR(1)
SEWGFTC	Was this item purchased for your CU or for someone outside your CU? CODED 1 CU member 2 Non-CU member	25	CHAR(1)
	CAPI Section 9		
SEWGFTC_		26	CHAR(1)
SEWINGMO	In what month did you purchase it?	27	CHAR(2)
	CAPI Section 9		
SEWI_GMO		29	CHAR(1)
SEWINGX	How much did it cost?	30	NUM(6)
	CAPI Section 9		
SEWINGX_		36	CHAR(1)
SEWING1	If SEWINGY = 440, then SEWING1 will contain the first code mentioned of the multiple items indicated in SEWINGY	37	CHAR(3)
	CAPI Section 9		
SEWING1_		40	CHAR(1)
SEWING2	Same as SEWING1, but contains the second item mentioned	41	CHAR(3)
	CAPI Section 9		
SEWING2_		44	CHAR(1)



SEWING3	Same as SEWING1, but contains the third item mentioned	45	CHAR(3)
	CAPI Section 9		
SEWING3_		48	CHAR(1)
SEWING4	Same as SEWING1, but contains the fourth item mentioned	49	CHAR(3)
	CAPI Section 9		
SEWING4_		52	CHAR(1)
SEWING5	Same as SEWING1, but contains the fifth item mentioned	53	CHAR(3)
	CAPI Section 9		
SEWING5_		56	CHAR(1)
SEWING6	Same as SEWING1, but contains the sixth item mentioned	57	CHAR(3)
	CAPI Section 9		
SEWING6_		60	CHAR(1)
SEWING7	Same as SEWING1, but contains the seventh item mentioned	61	CHAR(3)
	CAPI Section 9		
SEWING7_		64	CHAR(1)
SEWING8	Same as SEWING1, but contains the eighth item mentioned	65	CHAR(3)
	CAPI Section 9		
SEWING8_		68	CHAR(1)
SEWING9	Same as SEWING1, but contains the ninth item mentioned	69	CHAR(3)
	CAPI Section 9		
SEWING9_		72	CHAR(1)

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

PART A.1 Screening Questions (RTV)

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*RENTCODE	Vehicle code CODED 100 Automobile 110 Truck, including vans 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 190 Private plane <b>D(Y061)</b> 200 Any other vehicle  CAPI Section 10	21	CHAR(3)
RENT_ODE		24	CHAR(1)
BSNSPCTZ	What percent of the total rental expenses were (will be) deducted as business expenses, reimbursed, or paid by someone else?  CAPI Section 10	25	NUM(3,2)
BSNS_CTZ		28	CHAR(1)
QADRENTX	Amount paid for renting vehicle, adjusted for business  BLS derived	29	NUM(8)
QADR_NTX		37	CHAR(1)
ANYVACAT	Was it rented solely for use on a vacation, overnight trip, or a trip of 75 miles or more one way? CODED 1 Yes 2 No  CAPI Section 10	47	CHAR(1)
ANYV_CAT		48	CHAR(1)

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

PART B Detailed Questions for Leased Vehicles (LSD)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
LSDNUM	Vehicle number  CAPI Section 10	21	CHAR(2)
LSDNUM_		23	CHAR(1)
LSDCODE	Vehicle code CODED 100 Automobile 110 Trucks, minivans, vans, or SUVs  CAPI Section 10	24	CHAR(3)
LSDCODE_		27	CHAR(1)
MODELYR	What is the year of the vehicle?  CAPI Section 10	28	CHAR(4)
MODELYR_		32	CHAR(1)
*NUMCYL	How many cylinders does it have? (0 if rotary, turbine, or electric)  CAPI Section 10 <b>D(Y062)</b>	38	NUM(2)
*NUMCYL_	<b>D(Y062)</b>	40	CHAR(1)
PRCBSNSZ	What percent of the mileage is counted as a business expense?  CAPI Section 10	61	NUM(3,2)
PRCB_NSZ		64	CHAR(1)
*MILESVEH	How many miles are currently on the vehicle?  CAPI Section 10 <b>D(Y062)</b>	65	NUM(6)
*MILE_VEH	<b>D(Y062)</b>	71	CHAR(1)
*NEWUSED	Was it new or used when first leased? CODED 1 New 2 Used	72	CHAR(1)

	CAPI Section 10 <b>D(Y062)</b>		
*NEWUSED_	<b>D(Y062)</b>	73	CHAR(1)
*LSDSOURC	Was this vehicle leased from a . . . ? (Lessor) CODED 1 New or used vehicle dealer 2 Independent leasing company 3 Bank 4 Someplace else	74	CHAR(1)
	CAPI Section 10 <b>D(Y062)</b>		
*LSDS_URC	<b>D(Y062)</b>	75	CHAR(1)
NUMPAY	What was the number of payments contracted for?	76	NUM(3)
	CAPI Section 10		
NUMPAY_		79	CHAR(1)
PMTMONTH	In what month was the first payment made?	80	CHAR(2)
	CAPI Section 10		
PMTM_NTH		82	CHAR(1)
PAYEXPX	What is the amount of each payment?	83	NUM(4)
	CAPI Section 10		
PAYEXPX_		87	CHAR(1)
PAYTIME	What period is covered by each payment? CODED 1 Week 2 2 weeks 3 Month 4 Quarter 5 Semiannually 6 Annually 7 One time payment 8 Other – specify	88	CHAR(1)
	CAPI Section 10		
PAYTIME_		89	CHAR(1)
EMPLYEXP	How much of the leasing cost is paid by an employer?	90	NUM(8)
	CAPI Section 10		
EMPL_EXP		98	CHAR(1)

TRADEEXP	How much was the trade-in allowance received?	99	NUM(8)
	CAPI Section 10		
TRAD_EXP		107	CHAR(1)
DOWNEXP	How much was the cash down payment made?	108	NUM(8)
	CAPI Section 10		
DOWNEXP_		116	CHAR(1)
DNEMPEXP	How much of the cash down payment was paid by an employer?	117	NUM(8)
	CAPI Section 10		
DNEM_EXP		125	CHAR(1)
LSDENDMO	In what month was the lease terminated?	126	CHAR(2)
	CAPI Section 10		
LSDE_DMO		128	CHAR(1)
QADPMT1X	Amount paid for all leasing charges, adjusted for business, first month of reference period	129	NUM(8)
	BLS derived		
QADP_T1X		137	CHAR(1)
QADPMT2X	Amount paid for all leasing charges, adjusted for business, second month of reference period	138	NUM(8)
	BLS derived		
QADP_T2X		146	CHAR(1)
QADPMT3X	Amount paid for all leasing charges, adjusted for business, third month of reference period	147	NUM(8)
	BLS derived		
QADP_T3X		155	CHAR(1)
QEXTRA1X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, first month of reference period	156	NUM(8)
	BLS derived		
QEXT_A1X		164	CHAR(1)
QEXTRA2X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, second month of reference period	165	NUM(8)

	BLS derived		
QEXT_A2X		173	CHAR(1)
QEXTRA3X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, third month of reference period	174	NUM(8)
	BLS derived		
QEXT_A3X		182	CHAR(1)
QADDOWNX	Amount of cash down payment, adjusted for business	183	NUM(8)
	BLS derived		
QADD_WNX		191	CHAR(1)
QADFEEX	Amount of fees at termination of loan, adjusted for business	192	NUM(8)
	BLS derived		
QADFEEX_		200	CHAR(1)
MKMDEL	Vehicle make and model	201	CHAR(5)
	CAP1 Section 10		
MKMDEL_		206	CHAR(1)
LSDENDYR	In what year was the lease terminated?	207	CHAR(4)
	CAP1 Section 10		
LSDE_DYR		211	CHAR(1)

**aa. SECTION 11 OWNED VEHICLES**

PART B Detailed Questions (OVB)

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
VEHICYB	Vehicle code CODED 100 Automobile 110 Trucks, minivans, vans, or SUVs 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	21	CHAR(3)
VEHICYB_		24	CHAR(1)
VEHICYR	What is the year of the vehicle? CODED 01 ≤ 1969 02 1970-1974 03 1975-1979 04 1980-1982 05 1983-1985 06 1986 07 1987 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 23 2003 24 2004 25 2005  BLS derived	25	CHAR(2)

VEHICYR_		27	CHAR(1)
*CYLQ	How many cylinders does it have? (0 if rotary, turbine, or electric)	33	NUM(2)
	CAPI Section 11 <b>D(Y062)</b>		
*CYLQ_	<b>D(Y062)</b>	35	CHAR(1)
VEHBSNZ	What percent of the mileage is counted as a business expense?	56	NUM(4,2)
	CAPI Section 11		
VEHBSNZ_		60	CHAR(1)
VEHNEWU	Was it new or used when acquired? CODED 1 New 2 Used	61	CHAR(1)
	CAPI Section 11		
VEHNEWU_		62	CHAR(1)
VEHGFTC	Was this vehicle . . . ? CODED 1 Purchased for own use 2 Purchased as gift to person outside CU 3 Received as gift	65	CHAR(1)
	CAPI Section 11		
VEHGFTC_		66	CHAR(1)
VEHPURMO	In what month was it purchased?	67	CHAR(2)
	CAPI Section 11		
VEHP_RMO		69	CHAR(1)
VEHPURYR	In what year was it purchased?	70	CHAR(4)
	CAPI Section 11		
VEHP_RYR		74	CHAR(1)
VFINSTAT	On the 1st of ( <i>month, 3 months ago</i> ), were all loans on this vehicle paid off or were there any remaining payments to be made? CODED 1 Paid off 2 Remaining payments	75	CHAR(1)
	CAPI Section 11		



VFIN_TAT		76	CHAR(1)
TRADEX	How much was the trade-in allowance received?	77	NUM(6)
	CAPI Section 11		
TRADEX_		83	CHAR(1)
NETPURX	What was the amount paid for it after trade-in allowance, discount, or rebate?	84	NUM(6)
	CAPI Section 11		
NETPURX_		90	CHAR(1)
*EMPLEXPX	How much of the amount or price was paid by an employer?	91	NUM(6)
	CAPI Section 11		
	<b>D(Y062)</b>		
*EMPL_XPX	<b>D(Y062)</b>	97	CHAR(1)
DNPAYMTX	What was the amount of the cash down payment? (VFINSTAT = 2 only)	98	NUM(6)
	CAPI Section 11		
DNPA_MTX		104	CHAR(1)
FIN_INST	What was the source of credit? (VFINSTAT = 2 only)	105	CHAR(1)
	CODED		
	1 Auto dealer		
	2 Finance company		
	3 Bank		
	4 Credit union		
	5 Insurance company		
	6 Individual		
	7 Other		
	CAPI Section 11		
FIN__NST		106	CHAR(1)
PRINCIPX	How much was borrowed, excluding any interest?	107	NUM(6)
	CAPI Section 11		
PRIN_IPX		113	CHAR(1)
VEHQPMT	What was the number of payments contracted for?	114	NUM(4)
	CAPI Section 11		
VEHQPMT_		118	CHAR(1)

PMT1MO	In what month was the first payment made? CAPI Section 11	119	CHAR(2)
PMT1MO_		121	CHAR(1)
PMT1YR	In what year was the first payment made? CAPI Section 11	122	CHAR(4)
PMT1YR_		126	CHAR(1)
PAYMENTX	What is the amount of each payment? CAPI Section 11	127	NUM(4)
PAYM_NTX		131	CHAR(1)
PMTPERD	What period is covered by each payment? CODED 1 Week 2 2 weeks 3 Month 4 Quarter 5 Semiannually 6 Annually 7 Other CAPI Section 11	132	CHAR(1)
PMTPERD_		133	CHAR(1)
EXTRCHGX	How much of the payment is for charges other than principal and interest such as auto insurance or credit life insurance? CAPI Section 11	134	NUM(6)
EXTR_HGX		140	CHAR(1)
QINTRSTZ	Interest rate, based on the direct ratio formula  $QINTRSTZ = (72 * ((VEHQPMT * PAYMENTX) - PRINCIPX) / (((3 * PRINCIPX) * (VEHQPMT + 1)) + ((VEHQPMT * PAYMENTX) - PRINCIPX) * (VEHQPMT - 1)))$ BLS derived	141	NUM(5,4)
QINT_STZ	The following is the calculation of the next 12 variables, monthly principal, interest, balance and number of months. Note that i goes from 1 to 3.  If QINTRSTZ > 0 then QBALNMiX=[PRINCIPX*(1 + (QINTRSTZ/12))**(QLOANMiQ-1)] + [PAYMENTX*((1 - (1 + (QINTRSTZ/12))**(QLOANMiQ-1))/(QINTRSTZ/12))]  Else if QINTRSTZ = 0 then QBALNMiX=PRINCIPX -	146	CHAR(1)

$$((QLOANMiQ - 1) * PAYMENTX)$$

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	147	NUM(4)
	BLS derived		
QLOA_M1Q		151	CHAR(1)
QBALNM1X	Principal balance outstanding at the beginning of first month of reference period	152	NUM(8)
	BLS derived		
QBAL_M1X		160	CHAR(1)
QVINTM1X	Amount of interest paid during first month of reference period	161	NUM(8)
	BLS derived		
QVIN_M1X		169	CHAR(1)
QVPRIM1X	Amount of principal paid during first month of reference period	170	NUM(8)
	BLS derived		
QVPR_M1X		178	CHAR(1)
QLOANM2Q	Number of months since the inception of loan as of second month of reference period	179	NUM(4)
	BLS derived		
QLOA_M2Q		183	CHAR(1)
QBALNM2X	Principal balance outstanding at the beginning of second month of reference period	184	NUM(8)

	BLS derived		
QBAL_M2X		192	CHAR(1)
QVINTM2X	Amount of interest paid during second month of reference period	193	NUM(8)
	BLS derived		
QVIN_M2X		201	CHAR(1)
QVPRIM2X	Amount of principal paid during second month of reference period	202	NUM(8)
	BLS derived		
QVPR_M2X		210	CHAR(1)
QLOANM3Q	Number of months since the inception of loan as of third month of reference period	211	NUM(4)
	BLS derived		
QLOA_M3Q		215	CHAR(1)
QBALNM3X	Principal balance outstanding at the beginning of second month of reference period	216	NUM(8)
	BLS derived		
QBAL_M3X		224	CHAR(1)
QVINTM3X	Amount of interest paid during third month of reference period	225	NUM(8)
	BLS derived		
QVIN_M3X		233	CHAR(1)
QVPRIM3X	Amount of principal paid during third month of reference period	234	NUM(8)
	BLS derived		
QVPR_M3X		242	CHAR(1)
QTRADEX	Amount paid for vehicle after trade-in allowance minus amount of cost paid by employer	243	NUM(8)
	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		
	BLS derived		

QTRADEX_		251	CHAR(1)
QREIMBRZ	Percent of cost paid by employer after trade-in allowance (EMPLEXPX/NETPURX)	252	NUM(4,2)
	BLS derived		
QREI_BRZ		256	CHAR(1)
QADITR1X	Amount of interest paid during first month of reference period, adjusted for business (QVINTM1X * (1-QREIMBRZ))	257	NUM(8)
	BLS derived		
QADI_R1X		265	CHAR(1)
QADITR2X	Amount of interest paid during second month of reference period, adjusted for business (QVINTM2X * (1-QREIMBRZ))	266	NUM(8)
	BLS derived		
QADI_R2X		274	CHAR(1)
QADITR3X	Amount of interest paid during third month of reference period, adjusted for business (QVINTM3X * (1-QREIMBRZ))	275	NUM(8)
	BLS derived		
QADI_R3X		283	CHAR(1)
QDNPYMTX	Amount of down payment, adjusted for business (DNPAYMTX * (1-QREIMBRZ))	284	NUM(6)
	BLS derived		
QDNP_MTX		290	CHAR(1)
*VEHMI	How many miles are currently on the vehicle? (VEHICYB = 100- 120, 150 only)	291	NUM(6)
	CAPI Section 11 <b>D(Y062)</b>		
*VEHMI_	<b>D(Y062)</b>	297	CHAR(1)
VEHEQTLN	Was the source of credit a home equity loan? (FIN_INST = 2, 3, 4 only) CODED 1 Yes 2 No	298	CHAR(1)
	CAPI Section 11		
VEHE_TLN		299	CHAR(1)

VEHICIB	Vehicle number	300	CHAR(2)
	CAPI Section 11		
VEHICIB_		302	CHAR(1)
MKMODEL	Vehicle make and model	303	CHAR(5)
	CAPI Section 11		
MKMODEL_		308	CHAR(1)
VFINANCE	Was any portion of the vehicle price financed? '1' = Vehicle was financed '2' = Vehicle not financed	313	CHAR(1)
	CAPI Section 11		
FUELTYPE	What is it fueled by? 1 – gasoline 2 – diesel fuel 3 – hybrid electric power 4 – other (specify)	314	CHAR(1)
	CAPI Section 11		
FUEL_YPE		315	CHAR(1)
VPURINDV	Was this purchased from a private individual? 1 – Yes 2 – No	316	CHAR(1)
	CAPI Section 11		
VPUR_NDV		317	CHAR(1)
VINTRATE	What was the interest rate?	318	NUM(5.4)
	CAPI Section 11		
VINT_ATE		323	CHAR(1)

**bb. SECTION 11 OWNED VEHICLES**

**PART C Disposal of Vehicles (OVC)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	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	21	CHAR(3)
VEHICYC_		24	CHAR(1)
VEHDISP	How did you dispose of the vehicle? CODED 1 Sold 2 Traded in 3 Given away or donated to someone outside the CU, including students away at school 4 Damaged beyond repair 5 Stolen 6 Other  CAPI Section 11	25	CHAR(1)
VEHDISP_		26	CHAR(1)
VDISPMO	In what month was it disposed of?  CAPI Section 11	27	CHAR(2)
VDISPMO_		29	CHAR(1)
SALEX	How much did you sell it for? (VEHDISP = 1 only)  CAPI Section 11	30	NUM(6)
SALEX_		36	CHAR(1)
REIMBURX	How much did you receive for the vehicle? (VEHDISP = 4 or 5 only)  CAPI Section 11	37	NUM(6)
REIM_URX		43	CHAR(1)
EXREIMBX	How much will you receive for the vehicle? (VEHDISP = 4 or 5	44	NUM(6)

only)

CAPI Section 11

EXRE_MBX		50	CHAR(1)
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LOANSTAT	Were there any outstanding loans on the vehicle when it was disposed of?	51	CHAR(1)
	CODED		
	1 Yes		
	2 No		

CAPI Section 11

LOAN_TAT		52	CHAR(1)
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FINPAYMX	How much was the final payment made on any outstanding loan?	53	NUM(6)
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CAPI Section 11

FINP_YMX		59	CHAR(1)
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VEHICIC	Vehicle number	60	CHAR(2)
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CAPI Section 11

VEHICIC_		62	CHAR(1)
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cc. **SECTION 12 VEHICLE OPERATING EXPENSES**

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*VOPVEHYA	Which vehicle was the item for? CODED 100 Automobile 110 Truck, including vans 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 200 Any other vehicle	21	CHAR(3)
	CAPI Section 12 <b>D(Y062)</b>		
*VOPV_HYA	<b>D(Y062)</b>	24	CHAR(1)
VOPMOA	In what month did you have this expense?  CAPI Section 12	25	CHAR(2)
VOPMOA_		27	CHAR(1)
VOPEXPX	What was the total cost?  CAPI Section 12	28	NUM(6)
VOPEXPX_		34	CHAR(1)
VOPRMBXA	How much was (will be) reimbursed?  CAPI Section 12	35	NUM(6)
VOPR_BXA		41	CHAR(1)

QVOPEQPX	Amount paid for vehicle equipment or maintenance less reimbursements  If VOPRMBXA is present: QVOPEQPX = VOEXPX – VOPRMBXA Else: If VOPREIMA = 1 then QVOPEQPX = 0 If VOPREIMA = 2 then QVOPEQPX = VOEXPX * .6 If VOPREIMA = 3 then QVOPEQPX = VOEXPX * .5 If VOPREIMA = 4 then QVOPEQPX = VOEXPX  BLS derived	42	NUM(8)
QVOP_QPX		50	CHAR(1)
VOPSERVY	Item code  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 345 Video equipment and installation 350 Audio equipment and installation 360 Vehicle accessories and customization 365 Vehicle cleaning services and cleaning supplies 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)  CAPI Section 12	51	CHAR(3)
VOPS_RVY		54	CHAR(1)
VOPLABOR	Did this expense include labor?  CODED 1 Yes 2 No	55	CHAR(1)

CAPI Section 12			
VOPL_BOR		56	CHAR(1)
VOPREIMB	Has (Will) any of this expense been (be) reimbursed?	57	CHAR(1)
	CODED		
	1 Yes		
	2 No		
CAPI Section 12			
VOPR_IMB		58	CHAR(1)
VPSRVY1	If VOPSERVY = 500, then VPSRVY1 will contain the first code mentioned of the multiple items indicated in VOPSERVY	59	CHAR(3)
CAPI Section 12			
VPSRVY1_		62	CHAR(1)
VPSRVY2	Same as VPSRVY1, but contains the second item mentioned	63	CHAR(3)
CAPI Section 12			
VPSRVY2_		66	CHAR(1)
VPSRVY3	Same as VPSRVY1, but contains the third item mentioned	67	CHAR(3)
CAPI Section 12			
VPSRVY3_		70	CHAR(1)
VPSRVY4	Same as VPSRVY1, but contains the fourth item mentioned	71	CHAR(3)
CAPI Section 12			
VPSRVY4_		74	CHAR(1)
VPSRVY5	Same as VPSRVY1, but contains the fifth item mentioned	75	CHAR(3)
CAPI Section 12			
VPSRVY5_		78	CHAR(1)
VPSRVY6	Same as VPSRVY1, but contains the sixth item mentioned	79	CHAR(3)
CAPI Section 12			
VPSRVY6_		82	CHAR(1)
VPSRVY7	Same as VPSRVY1, but contains the seventh item mentioned	83	CHAR(3)
CAPI Section 12			
VPSRVY7_		86	CHAR(1)

VPSRVY8	Same as VPSRVY1, but contains the eighth item mentioned CAPI Section 12	87	CHAR(3)
VPSRVY8_		90	CHAR(1)
VPSRVY9	Same as VPSRVY1, but contains the ninth item mentioned CAPI Section 12	91	CHAR(3)
VPSRVY9_		94	CHAR(1)

**dd. SECTION 12 VEHICLE OPERATING EXPENSES**

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*VOPREGY	Item code CODED 400 Driver's license 410 Vehicle inspection 415 State vehicle registration <b>D(Y061)</b> 425 Local vehicle registration <b>D(Y061)</b> <b>420 State or local vehicle registration N(Y061)</b> 430 Combined expenses (400 – 425)  CAPI Section 12	21	CHAR(3)
VOPREGY_		24	CHAR(1)
VOPMO_C	In what month did you have this expense?  CAPI Section 12	25	CHAR(2)
VOPMO_C_		27	CHAR(1)
VOPREGX	What was the total amount of this expense?  CAPI Section 12	28	NUM(4)
VOPREGX_		32	CHAR(1)
VOPRGY1	If VOPREGY = 430, then VOPRGY1 will contain the first code mentioned of the multiple items indicated in VOPREGY  CAPI Section 12	33	CHAR(3)
VOPRGY1_		36	CHAR(1)

VOPRGY2	Same as VOPRGY1, but contains the second item mentioned CAPI Section 12	37	CHAR(3)
VOPRGY2_		40	CHAR(1)
VOPRGY3	Same as VOPRGY1, but contains the third item mentioned CAPI Section 12	41	CHAR(3)
VOPRGY3_		44	CHAR(1)
VOPRGY4	Same as VOPRGY1, but contains the fourth item mentioned CAPI Section 12	45	CHAR(3)
VOPRGY4_		48	CHAR(1)
VOPRGY5	Same as VOPRGY1, but contains the fifth item mentioned CAPI Section 12	49	CHAR(3)
VOPRGY5_		52	CHAR(1)
VOPRGY6	Same as VOPRGY1, but contains the sixth item mentioned CAPI Section 12	53	CHAR(3)
VOPRGY6_		56	CHAR(1)
VOPRGY7	Same as VOPRGY1, but contains the seventh item mentioned CAPI Section 12	57	CHAR(3)
VOPRGY7_		60	CHAR(1)
VOPRGY8	Same as VOPRGY1, but contains the eighth item mentioned CAPI Section 12	61	CHAR(3)
VOPRGY8_		64	CHAR(1)
VOPRGY9	Same as VOPRGY1, but contains the ninth item mentioned CAPI Section 12	65	CHAR(3)
VOPRGY9_		68	CHAR(1)

ee. **SECTION 12 VEHICLE OPERATING EXPENSES**

**PART C Other Vehicle Operating Expenses (VOT)**

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
VOPFLUDX	Since the 1 <sup>st</sup> of (month, 3 months ago), what was the total cost of purchases of antifreeze, brake fluid, transmission fluid, or, additives, except if purchased with a tune-up? Do not include purchases for vehicles used entirely for business.	21	NUM(5)
	CAPI Section 12		
VOPF_UDX		26	CHAR(1)
VOPPARKX	Since the 1 <sup>st</sup> 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.)	27	NUM(5)
	CAPI Section 12		
VOPP_RKX		32	CHAR(1)
VOPTOWX	Since the 1 <sup>st</sup> 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?	33	NUM(5)
	CAPI Section 12		
VOPTOWX_		38	CHAR(1)
VOPDOCKX	Since the 1 <sup>st</sup> 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?	39	NUM(5)
	CAPI Section 12		
VOPD_CKX		44	CHAR(1)
VOPPLCYX	Since the 1 <sup>st</sup> 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.	45	NUM(5)
	CAPI Section 12		
VOPP_CYX		50	CHAR(1)
TANKGASX	Since the 1 <sup>st</sup> of (month, 3 months ago), excluding (this month),	51	NUM(6)

how much were expenses for bottled or tank gas for recreational vehicles, including vans, campers, and boats?

CAPI Section 12

TANK_ASX		57	CHAR(1)
QBSNSEPZ	Percent of expenses for gasoline and other fuels counted as business expense	58	NUM(4,2)
	BLS derived		
QBSN_EPZ		62	CHAR(1)
QOIL3MCX	Amount paid for oil, other than oil included with purchase of oil change, during the reference period	63	NUM(8)
	BLS derived		
QOIL_MCX		71	CHAR(1)
JGASOXQV	Quarterly expenditure on gasoline and other non-diesel fuels to operate automobiles, trucks, motorcycles, or any other vehicles, adjusted for business	72	NUM(8)
	BLS derived		
JGAS_XQV		80	CHAR(1)
JDIESXQV	Quarterly expenditure on diesel fuel to operate automobiles, trucks, motorcycles, or any other vehicles, adjusted for business	81	NUM(8)
	BLS derived		
JDIE_XQV		89	CHAR(1)
VOPCLUBX	Expense for automobile service clubs	90	NUM(5)
	CA PI Section 12		
VOPC_UBX		95	CHAR(1)
VOPTOLLX	Expenses for tolls or electronic passes, excluding those in the current month	96	NUM(5)
	CAPI Section 12		
VOPT_LLX		101	CHAR(1)

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

**PART B Detailed Questions (INB)**

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
POLICYIB	Policy number  CAPI Section 13	21	CHAR(2)
POLI_YIB		23	CHAR(1)
PLCYSTAB	Policy discontinued CODED 1 Discontinued  CAPI Section 13	24	CHAR(1)
PLCY_TAB		25	CHAR(1)
POLICYIB	What type of insurance is (was) it?  CODED 100 Life insurance, or other policies which provide benefits in case of death or disability 110 Long Term Care insurance 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 900 Combined insurance  CAPI Section 13	26	CHAR(3)
POLI_YYB		29	CHAR(1)
INSPRPY1	Property(ies) policy covers? (PROP_NOB from Section 3, Part B) (POLICYIB = 300 or 500 only)  CAPI Section 13	30	CHAR(2)
INSP_PY1		32	CHAR(1)
INSPRPY2	See INSPRPY1 for question and source.	33	CHAR(2)
INSP_PY2		35	CHAR(1)
INSPRPY3	See INSPRPY1 for question and source.	36	CHAR(2)
INSP_PY3		38	CHAR(1)



INSPRPY4	See INSPRPY1 for question and source.	39	CHAR(2)
INSP_PY4		41	CHAR(1)
INSPRPY5	See INSPRPY1 for question and source.	42	CHAR(2)
INSP_PY5		44	CHAR(1)
INSPRPY6	See INSPRPY1 for question and source.	45	CHAR(2)
INSP_PY6		47	CHAR(1)
PREMPAID	Are the policy premiums paid . . . ? (Payer) CODED 1 Entirely by CU 2 Partially by CU and partially by someone outside the CU 3 Entirely by an employer or union 4 Entirely by another group or persons outside the CU  CAPI Section 13	48	CHAR(1)
PREM_AID		49	CHAR(1)
PAYDEDPR	Are any premiums paid through payroll deductions? (PREMPAID = 1 or 2 only) CODED 1 Yes 2 No  CAPI Section 13	50	CHAR(1)
PAYD_DPR		51	CHAR(1)
PREMPERD	How often are premiums on this policy paid? (PREMPAID = 1 or 2 only) CODED 1 Weekly 2 Biweekly 3 Monthly – directly 4 Monthly – in mortgage payment 5 Quarterly 6 Semiannually 7 Annually 8 Paid-up policy 9 Other  CAPI Section 13	52	CHAR(1)
PREM_ERD		53	CHAR(1)
QINSRDDZ	Percent of vehicle expense paid by CU, adjusted for business, averaged over all owned vehicles (The percentage is derived from a variable in Section 11, Part B.)  QINSRDDZ = SUM(1-VEHBSNZ)/n	54	NUM(4,2)

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

	during reference period		
	BLS derived		
QOTHCMX_		113	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	114	CHAR(1)
	BLS derived		
INSP_YPE		115	CHAR(1)
INSCMB1	Combined insurance 100 – Life insurance 110 – Long Term Care insurance 200 – Automobile insurance 300 – Homeowner's insurance 400 – Tenant's insurance 500 – Other non-health insurance 900 – Combined insurance	116	CHAR(3)
	CAPI Section 13		
INSCMB1_		119	CHAR(1)
INSCMB2	See INSCMB1 for definition and source	120	CHAR(3)
INSCMB2_		123	CHAR(1)
INSCMB3	See INSCMB1 for definition and source	124	CHAR(3)
INSCMB3_		127	CHAR(1)
INSCMB4	See INSCMB1 for definition and source	128	CHAR(3)
INSCMB4_		131	CHAR(1)
INSCMB5	See INSCMB1 for definition and source	132	CHAR(3)
INSCMB5_		135	CHAR(1)
INSCMB6	See INSCMB1 for definition and source	136	CHAR(3)
INSCMB6_		139	CHAR(1)
INSCMB7	See INSCMB1 for definition and source	140	CHAR(3)
INSCMB7_		143	CHAR(1)
INSCMB8	See INSCMB1 for definition and source	144	CHAR(3)

INSCMB8_		147	CHAR(1)
INSCMB9	See INSCMB1 for definition and source	148	CHAR(3)
INSCMB9_		151	CHAR(1)
QLNGTCMX	Amount paid for long term care insurance during the reference period  BLS derived	152	NUM(8)
QLNG_CMX		160	CHAR(1)

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

**PART B Detailed Questions (IHB)**

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
HHIPDLIB	Policy number  CAPI Section 14	21	CHAR(2)
HHIP_LIB		23	CHAR(1)
HHISTATB	Policy discontinued CODED 1 Discontinued  CAPI Section 14	24	CHAR(1)
HHIS_ATB		25	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	26	NUM(2)
HHICOVQ_		28	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	29	CHAR(1)

HHIG_OUP		30	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	31	CHAR(1)
HHIP_MPD		32	CHAR(1)
HHIPRDED	Are any of the premiums paid through payroll deductions? (HHIPRMPD = 1 or 2 only) CODED 1 Yes 2 No  CAPI Section 14	33	CHAR(1)
HHIP_DED		34	CHAR(1)
HHIRMPD	What period of time is covered by the regular payment? (HHIPRMPD = 1 or 2 only) CODED 1 Week 2 2 weeks 3 Month 4 Quarter 5 6 months 6 Year 7 Other  CAPI Section 14	35	CHAR(1)
HHIR_MPD		36	CHAR(1)
QHI3MCX	Amount paid for health insurance premiums during the reference period  BLS derived	37	NUM(8)
QHI3MCX_		45	CHAR(1)
HHIBCBS	Is insurance company Blue Cross/Blue Shield? CODED 1 Yes 2 No  CAPI Section 14	46	CHAR(1)
HHIBCBS_		47	CHAR(1)
HHICODE	What type of insurance plan is it?	48	CHAR(1)

CODED

- 1 Health maintenance organization
- 2 Fee for service plan
- 3 Commercial Medicare supplement
- 4 Other special purpose plan

CAPI Section 14

HHICODE_		49	CHAR(1)
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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)	50	CHAR(1)
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CODED

- 1 Yes
- 2 No

CAPI Section 14

HHIPOS_		51	CHAR(1)
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HHIFEET	Is this fee for service plan a - ? (HHICODE = 2 only)	52	CHAR(1)
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CODED

- 1 Traditional Fee for Service Plan
- 2 Preferred Provider Option Plan

CAPI Section 14

HHIFEET_		53	CHAR(1)
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HHISPECT	Is this special purpose insurance plan - ? (HHICODE = 4 only)	54	CHAR(1)
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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

HHIS_ECT		55	CHAR(1)
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# hh. SECTION 14 HOSPITALIZATION AND HEALTH INSURANCE

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

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

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

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



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

**PART D Medicare Prescription Drug Program (IHD)**

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
*PRTDMBNO	Member numbers of the CU members enrolled in a Medicare Prescription Drug plan  CAPI Section 14 <b>N(Y062)</b>	20	NUM(2)
*PRTD_BNO	<b>N(Y062)</b>	22	CHAR(1)
*ENROLLMO	Month enrolled in a Medicare Prescription Drug plan CODED 1 – 12  CAPI Section 14 <b>N(Y062)</b>	23	CHAR(2)
*ENRO_LMO	<b>N(Y062)</b>	25	CHAR(1)
*ENROLLYR	Year enrolled in a Medicare Prescription Drug plan CODED 2005 – and up  CAPI Section 14 <b>N(Y062)</b>	26	CHAR(4)
*ENRO_LYR	<b>N(Y062)</b>	30	CHAR(1)
*HHDRGSS	Is the monthly premium deducted from a Social Security payment? CODED 1 = Yes 2 = No  CAPI Section 14 <b>N(Y062)</b>	31	CHAR(1)
*HHDRGSS_	<b>N(Y062)</b>	32	CHAR(1)
*STILDRUG	Is the CU member still enrolled in a Medicare Prescription Drug plan? CODED 1 = Yes 2 = No  CAPI Section 14 <b>N(Y062)</b>	33	CHAR(1)

*STIL_RUG	<b>N(Y062)</b>	34	CHAR(1)
*DRGPREM	What is the monthly premium for your Medicare Prescription Drug plan?  CAPI Section 14 <b>N(Y062)</b>	35	NUM(3)
*DRGP_EMX	<b>N(Y062)</b>	38	CHAR(1)
*QDRGPM1X	Medicare Prescription Drug plan premium paid one month ago  BLS derived <b>N(Y062)</b>	39	NUM(3)
*QDRG_M1X	<b>N(Y062)</b>	42	CHAR(1)
*QDRGPM2X	Medicare Prescription Drug plan premium paid two months ago  BLS derived <b>N(Y062)</b>	43	NUM(3)
*QDRG_M2X	<b>N(Y062)</b>	46	CHAR(1)
*QDRGPM3X	Medicare Prescription Drug plan premium paid three months ago  BLS derived <b>N(Y062)</b>	47	NUM(3)
*QDRG_M3X	<b>N(Y062)</b>	50	CHAR(1)

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

**PART A Payments For Medical Expenses (MDB)**

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
MEDPCARY	Item code (Payment) CODED 110 Eye examinations, treatment, or surgery 120 Purchase of eye glasses or contact lenses 130 Combined eye care services (110, 120) 200 Dental care 330 Hospital room or hospital services 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	21	CHAR(3)

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)  
 900 Combined expense (any item in section/part)

CAPI Section 15

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

CAPI Section 15

MEDP_FTC		26	CHAR(1)
MEDPMTMO	In what month was (were) the payment(s) made? CODED 01-12 – Month of expense 13 – Continuous expense (monthly expense reported)	27	CHAR(2)

CAPI Section 15

MEDP_TMO		29	CHAR(1)
MEDPMTX	What was the amount of the payment?	30	NUM(8)

CAPI Section 15

MEDPMTX_		38	CHAR(1)
MEDPCY1	If MEDPCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDPCARY	39	CHAR(3)

CAPI Section 15

MEDPCY1_		42	CHAR(1)
MEDPCY2	Same as MEDPCY1, but contains the second item mentioned	43	CHAR(3)

CAPI Section 15

MEDPCY2_		46	CHAR(1)
MEDPCY3	Same as MEDPCY1, but contains the third item mentioned	47	CHAR(3)

CAPI Section 15			
MEDPCY3_		50	CHAR(1)
MEDPCY4	Same as MEDPCY1, but contains the fourth item mentioned	51	CHAR(3)
CAPI Section 15			
MEDPCY4_		54	CHAR(1)
MEDPCY5	Same as MEDPCY1, but contains the fifth item mentioned	55	CHAR(3)
CAPI Section 15			
MEDPCY5_		58	CHAR(1)
MEDPCY6	Same as MEDPCY1, but contains the sixth item mentioned	59	CHAR(3)
CAPI Section 15			
MEDPCY6_		62	CHAR(1)
MEDPCY7	Same as MEDPCY1, but contains the seventh item mentioned	63	CHAR(3)
CAPI Section 15			
MEDPCY7_		66	CHAR(1)
MEDPCY8	Same as MEDPCY1, but contains the eighth item mentioned	67	CHAR(3)
CAPI Section 15			
MEDPCY8_		70	CHAR(1)
MEDPCY9	Same as MEDPCY1, but contains the ninth item mentioned	71	CHAR(3)
CAPI Section 15			
MEDPCY9_		74	CHAR(1)

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

## PART B Reimbursements For Medical Expenses (MDC)

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
MEDRCARY	Item code (Reimbursement) CODED 110 Eye examinations, treatment, or surgery 120 Purchase of eye glasses or contact lenses 130 Combined eye care services (110, 120) 200 Dental care 330 Hospital room or hospital services 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) 900 Combined expense (any section/part)	21	CHAR(3)
	CAPI Section 15		
MEDR_ARY		24	CHAR(1)
MEDRGFTC	Was the person who received the care a CU member? CODED 1 Yes 2 No	25	CHAR(1)
	CAPI Section 15		
MEDR_FTC		26	CHAR(1)
MEDRMBMO	In what month was (were) the reimbursement(s) received?	27	CHAR(2)
	CAPI Section 15		
MEDR_BMO		29	CHAR(1)
MEDRMBX	What was the amount of the reimbursement?	30	NUM(8)

CAPI Section 15			
MEDRMBX_		38	CHAR (1)
MEDRCY1	If MEDRCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDRCARY	39	CHAR(3)
CAPI Section 15			
MEDRCY1_		42	CHAR(1)
MEDRCY2	Same as MEDRCY1, but contains the second item mentioned	43	CHAR(3)
CAPI Section 15			
MEDRCY2_		46	CHAR(1)
MEDRCY3	Same as MEDRCY1, but contains the third item mentioned	47	CHAR(3)
CAPI Section 15			
MEDRCY3_		50	CHAR(1)
MEDRCY4	Same as MEDRCY1, but contains the fourth item mentioned	51	CHAR(3)
CAPI Section 15			
MEDRCY4_		54	CHAR(1)
MEDRCY5	Same as MEDRCY1, but contains the fifth item mentioned	55	CHAR(3)
CAPI Section 15			
MEDRCY5_		58	CHAR(1)
MEDRCY6	Same as MEDRCY1, but contains the sixth item mentioned	59	CHAR(3)
CAPI Section 15			
MEDRCY6_		62	CHAR(1)
MEDRCY7	Same as MEDRCY1, but contains the seventh item mentioned	63	CHAR(3)
CAPI Section 15			
MEDRCY7_		66	CHAR(1)
MEDRCY8	Same as MEDRCY1, but contains the eighth item mentioned	67	CHAR(3)
CAPI Section 15			
MEDRCY8_		70	CHAR(1)
MEDRCY9	Same as MEDRCY1, but contains the ninth item mentioned	71	CHAR(3)
CAPI Section 15			

MEDRCY9\_

74 CHAR(1)

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
EDUC_AY	Item code  CODED 100 Recreational lessons or other instructions for members of this CU or other persons 200 Nursery school or child day care centers for members of this CU or other persons 300 Tuition 310 Housing while attending school 320 Food or board while attending school 330 Combined room and board (310, 320) 335 Combined tuition room and board (300, 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)  CAPI Section 16	21	CHAR(3)
EDUC_AY_		24	CHAR(1)
EDUCGFTC	Who was the educational expense for? CODED 01-30 CU member (MEMBNO from MEMB file) 55 Someone outside the CU  CAPI Section 16	25	CHAR(2)
EDUC_FTC		27	CHAR(1)
EDSCHL_A	What kind of school was it? CODED 1 College or university 2 Elementary or high school 3 Child day care center 4 Nursery school or preschool	28	CHAR(1)

5 Other school

CAPI Section 16

EDSC_L_A		29	CHAR(1)
EDMONTHA	In what month was the payment made?	30	CHAR(2)
	CODED		
	'01' – '12' Month of expense		
	'13' Continuous expense (monthly expense reported)		
	CAPI Section 16 (S16 col. f)		
EDMO_THA		32	CHAR(1)
EDREIMBX	How much of the payment was or will be reimbursed?	33	NUM(8)
	CAPI Section 16 (S16 col. i)		
EDRE_MBX		41	CHAR(1)
JEDUCNET	Net amount paid for educational expenses during reference period	42	NUM(8)
	BLS derived		
JEDU_NET		50	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	51	CHAR(3)
	CAPI Section 16		
EDUC_A1_		54	CHAR(1)
EDUC_A2	Same as EDUC_A1, but contains the second item mentioned	55	CHAR(3)
	CAPI Section 16		
EDUC_A2_		58	CHAR(1)
EDUC_A3	Same as EDUC_A1, but contains the third item mentioned	59	CHAR(3)
	CAPI Section 16		
EDUC_A3_		62	CHAR(1)
EDUC_A4	Same as EDUC_A1, but contains the fourth item mentioned	63	CHAR(3)
	CAPI Section 16		
EDUC_A4_		66	CHAR(1)
EDUC_A5	Same as EDUC_A1, but contains the fifth item mentioned	67	CHAR(3)



CAPI Section 16			
EDUC_A5_		70	CHAR(1)
EDUC_A6	Same as EDUC_A1, but contains the sixth item mentioned	71	CHAR(3)
CAPI Section 16			
EDUC_A6_		74	CHAR(1)
EDUC_A7	Same as EDUC_A1, but contains the seventh item mentioned	75	CHAR(3)
CAPI Section 16			
EDUC_A7_		78	CHAR(1)
EDUC_A8	Same as EDUC_A1, but contains the eighth item mentioned	79	CHAR(3)
CAPI Section 16			
EDUC_A8_		82	CHAR(1)
EDUC_A9	Same as EDUC_A1, but contains the ninth item mentioned	83	CHAR(3)
CAPI Section 16			
EDUC_A9_		86	CHAR(1)

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

PART A Subscriptions and Memberships (SUB)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
S17CODEA	Item code CODED 150 Subscriptions to newspapers, magazines, or periodicals, including online subscriptions 200 Books purchased from a book club 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 Golf courses, country clubs, and other social organizations 830 Health clubs, fitness centers, swimming pools, weight loss centers, or other sports and recreational organizations 810 Civic, service, or fraternal organizations 820 Credit card membership fees 840 Shopping club membership such as Costco and Sam's 910 Global positioning services (GPS), such as OnStar 930 Direct or online dating services  CAPI Section 17	21	CHAR(3)
S17C_DEA		24	CHAR(1)
S17GFTCA	Was subscription or membership expense purchased for own use or as a gift? CODED 1 Purchased for CU 2 Purchased for someone outside CU  CAPI Section 17	25	CHAR(1)
S17G_TCA		26	CHAR(1)
QSUB3MCX	Amount paid for subscriptions and memberships during reference period  BLS derived	27	NUM(8)
QSUB_MCX		35	CHAR(1)

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

PART B Books and Entertainment Expenses (ENT)

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
QPSF3MCX	Amount paid in fees for participating in sports such as tennis, golf, bowling, or swimming during the reference period	21	NUM(8)
	BLS derived		
QPSF_MCX		29	CHAR(1)
QSSF3MCX	Amount paid for single admissions to spectator sporting events such as football, baseball, hockey, or soccer during the reference period	30	NUM(8)
	BLS derived		
QSSF_MCX		38	CHAR(1)
QEAD3MCX	Admissions paid to performances, such as movies, plays, operas, or concerts, including service fees and surcharges, during the reference period	39	NUM(8)
	BLS derived		
QEAD_MCX		47	CHAR(1)
QREC3MCX	Amount paid for CDs, audio tapes, or records, other than through a mail order club, during the reference period	75	NUM(8)
	BLS derived		
QREC_MCX		83	CHAR(1)
QFLM3MCX	Amount paid for photographic film during the reference period	84	NUM(8)
	BLS derived		
QFLM_MCX		92	CHAR(1)
QFLP3MCX	Amount paid for film processing or for printing digital photographs during the reference period	93	NUM(8)
	BLS derived		
QFLP_MCX		101	CHAR(1)
QPVD3MCX	Amount paid for purchase of video cassettes, video tapes, or video discs other than through a mail-order club during the reference period	102	NUM(8)

	BLS derived		
QPVD_MCX		110	CHAR(1)
QRVD3MCX	Amount paid for rental of video cassettes, video tapes, or video discs during the reference period	111	NUM(8)
	BLS derived		
QRVD_MCX		119	CHAR(1)
QENT3MCX	Admission paid to other entertainment activities during the reference period	120	NUM(8)
	BLS derived		
QENT_MCX		128	CHAR(1)
QBR3MCX	Book expenses, including reference books, during the reference period	129	NUM(8)
	BLS derived		
QBR3MCX_		137	CHAR(1)
QNMG3MCX	Expenses for newspapers, magazines, and periodicals during the reference period	138	NUM(8)
	BLS derived		
QNMG_MCX		146	CHAR(1)

**oo. SECTION 18 TRIPS AND VACATIONS**

**PART A 100% Reimbursed Trips (TRD)**

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

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

TOTY_PDX		32	CHAR(1)
TOTYUPDY	Type of expense paid by CU CODED	33	CHAR(3)
	100 Meals at restaurant minus alcohol		
	110 Alcohol		
	120 Gasoline and oil		
	130 Lodging		
	140 Highway tolls		
	150 Plane fare		
	160 Train fare		
	170 Bus fare		
	180 Ship fare		
	190 Taxi fare		
	200 Miscellaneous expenses		
	210 Entertainment expenses		
	220 Sports expenses		
	BLS derived		
TOTY_PDY		36	CHAR(1)

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

PART B Trips Paid Entirely By CU

PART C Partially Reimbursed Trips

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
WHATPART	In what part of Section 18 of the questionnaire were trip expenses recorded? CODED	23	CHAR(1)
	1 Part B		
	2 Part C		
	BLS derived		
WHAT_ART		24	CHAR(1)
TRIPIDBC	Trip identification number	25	NUM(2)
	CAPI Section 18		
TRIP_DBC		27	CHAR(1)
NUMSAME	Number of identical trips	28	NUM(2)
	CAPI Section 18		
NUMSAME_		30	CHAR(1)

EOTRIPMO	Month ended CODED 01-12 January-December 13 Trip not yet ended  CAPI Section 18	31	CHAR(2)
EOTR_PMO		33	CHAR(1)
NUMNIGHT	How many nights did you (or any members of your CU) spend away from home on this trip?  CAPI Section 18	34	NUM(3)
NUMN_GHT		37	CHAR(1)
FOODDEAL	Did the package deal include food and beverages? CODED 1 Yes 2 No  CAPI Section 18	38	CHAR(1)
FOOD_EAL		39	CHAR(1)
LODGDEAL	Did the package deal include lodging? CODED 1 Yes 2 No  CAPI Section 18	40	CHAR(1)
LODG_EAL		41	CHAR(1)
TRANDEAL	Did the package deal include transportation? CODED 1 Yes 2 No  CAPI Section 18	42	CHAR(1)
TRAN_EAL		43	CHAR(1)
ELSEDEAL	Did the package deal include anything else? CODED 1 Yes 2 No  CAPI Section 18	44	CHAR(1)
ELSE_EAL		45	CHAR(1)
CMLOCALY	Starting at the beginning of this trip, please tell me all the kinds of transportation you (or any members of your CU) used from the time you (they) left home to the time you (they) got back home.	46	CHAR(2)

	CODED 01 Local (taxi, etc.)		
	CAPI Section 18		
CMLO_ALY		48	CHAR(1)
CMPLANEY	See CMLOCALY for question and source. CODED 02 Commercial airplane	49	CHAR(2)
CMPL_NEY		51	CHAR(1)
CMTRAINY	See CMLOCALY for question and source. CODED 03 Train	52	CHAR(2)
CMTR_INY		54	CHAR(1)
CMBUSY	See CMLOCALY for question and source. CODED 04 Bus	55	CHAR(2)
CMBUSY_		57	CHAR(1)
CMSHIPY	See CMLOCALY for question and source. CODED 05 Ship	58	CHAR(2)
CMSHIPY_		60	CHAR(1)
RTCARY	See CMLOCALY for question and source. CODED 06 Rented car or jeep	61	CHAR(2)
RTCARY_		63	CHAR(1)
RTTRUCKY	See CMLOCALY for question and source. CODED 07 Rented truck or van	64	CHAR(2)
RTTR_CKY		66	CHAR(1)
RTMOPEDY	See CMLOCALY for question and source. CODED 08 Rented motorcycle or moped	67	CHAR(2)
RTMO_EDY		69	CHAR(1)
*RTPLANEY	See CMLOCALY for question and source. CODED 09 Rented private plane <b>D(Y062)</b>	70	CHAR(2)
*RTPL_NEY	<b>D(Y062)</b>	72	CHAR(1)

RTBOATY	See CMLOCALY for question and source. CODED 10 Rented boat or trailer	73	CHAR(2)
RTBOATY_		75	CHAR(1)
RTCAMPY	See CMLOCALY for question and source. CODED 11 Rented camper	76	CHAR(2)
RTCAMPY_		78	CHAR(1)
RTOTHERY	See CMLOCALY for question and source. CODED 12 Other rented vehicles	79	CHAR(2)
RTOT_ERY		81	CHAR(1)
PVCARY	See CMLOCALY for question and source. CODED 13 Car owned by CU	82	CHAR(2)
PVCARY_		84	CHAR(1)
PVLEASEY	See CMLOCALY for question and source. CODED 14 Vehicle leased by CU	85	CHAR(2)
PVLE_SEY		87	CHAR(1)
PVOTHERY	See CMLOCALY for question and source. CODED 15 Other vehicle owned by CU	88	CHAR(2)
PVOT_ERY		90	CHAR(1)
PVELSEY	See CMLOCALY for question and source. CODED 16 Vehicle owned by someone else	91	CHAR(2)
PVELSEY_		93	CHAR(1)
PVTRANSY	See CMLOCALY for question and source. CODED 17 Other transport	94	CHAR(2)
PVTR_NSY		96	CHAR(1)
CMLOCALX	Amount spent for local transportation (taxi, etc.)  BLS derived	97	NUM(8)
CMLO_ALX		105	CHAR(1)
CMPLANEX	Amount spent for commercial airplanes	106	NUM(8)



	BLS derived		
CMPL_NEX		114	CHAR(1)
CMTRAINX	Amount spent for trains	115	NUM(8)
	BLS derived		
CMTR_INX		123	CHAR(1)
CMBUSX	Amount spent for buses	124	NUM(8)
	BLS derived		
CMBUSX_		132	CHAR(1)
CMSHIPX	Amount spent for ships	133	NUM(8)
	BLS derived		
CMSHIPX_		141	CHAR(1)
RTCARX	Amount spent for rented cars or jeeps not including gas you (or any members of your CU) bought	142	NUM(8)
	BLS derived		
RTCARX_		150	CHAR(1)
RTTRUCKX	Amount spent for rented trucks or vans not including gas you (or any members of your CU) bought	151	NUM(8)
	BLS derived		
RTTR_CKX		159	CHAR(1)
RTMOPEDX	Amount spent for rented motorcycles or mopeds not including gas you (or any members of your CU) bought	160	NUM(8)
	BLS derived		
RTMO_EDX		168	CHAR(1)
*RTPLANEX	Amount spent for rented private planes not including gas you (or any members of your CU) bought	169	NUM(8)
	BLS derived <b>D(Y062)</b>		
*RTPL_NEX	<b>D(Y062)</b>	177	CHAR(1)
RTBOATX	Amount spent for rented boats or trailers not including gas you (or any members of your CU) bought	178	NUM(8)
	BLS derived		
RTBOATX_		186	CHAR(1)

RTCAMPX	Amount spent for rented campers not including gas you (or any members of your CU) bought)	187	NUM(8)
	BLS derived		
RTCAMPX_		195	CHAR(1)
RTOTHERX	Amount spent for other rented vehicles not including gas you (or any members of your CU) bought	196	NUM(8)
	BLS derived		
RTOT_ERX		204	CHAR(1)
GASOILX	How much did you (or any members of your CU) spend for gasoline, oil, diesel fuel, or any other fuels?	205	NUM(8)
	CAPI Section 18		
GASOILX_		213	CHAR(1)
TRPTOLLX	How much did you (or any members of your CU) spend for tolls?	214	NUM(6)
	CAPI Section 18		
TRPT_LLX		220	CHAR(1)
PARKINGX	How much did you (or any members of your CU) spend for parking fees?	221	NUM(8)
	CAPI Section 18		
PARK_NGX		229	CHAR(1)
LDGCOSTX	Cost for hotels, motels, cottages, trailer camps, or other lodging, including taxes and tips	230	NUM(8)
	BLS derived		
LDGC_STX		238	CHAR(1)
TRPALCHX	Cost for alcoholic beverages at restaurants, bars, or fast food places, including taxes and tips	239	NUM(6)
	BLS derived		
TRPA_CHX		245	CHAR(1)
TRPALCGX	What was the cost for alcoholic beverages at grocery stores, convenience stores, or liquor stores, including taxes?	246	NUM(8)
	CAPI Section 18		
TRPA_CGX		254	CHAR(1)

TRPSPTX	Amount paid to rent sports equipment	255	NUM(6)
	BLS derived		
TRPS_RTX		261	CHAR(1)
TRSPORTX	Amount paid in fees to play sports or exercise	262	NUM(6)
	BLS derived		
TRSP_RTX		268	CHAR(1)
TRPETRTX	Amount spent for entertainment or admissions	269	NUM(6)
	BLS derived		
TRPE_RTX		275	CHAR(1)
TRMISCX	How much were expenses for souvenirs, passports, tourist booklets, and so on?	276	NUM(6)
	CAPI Section 18		
TRMISCX_		282	CHAR(1)
FOODOUTS	Did the trip expenses include anything for food and beverages for anyone outside your CU?	283	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 18		
FOOD_UTS		284	CHAR(1)
LODGOUTS	Did the trip expenses include anything for lodging for anyone outside your CU?	285	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 18		
LODG_UTS		286	CHAR(1)
TRANOUTS	Did the trip expenses include anything for transportation for anyone outside your CU?	287	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 18		
TRAN_UTS		288	CHAR(1)

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

**qq. SECTION 18 TRIPS AND VACATIONS**

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

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

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

TRNO_CUX		32	CHAR(1)
TRNONCUY	Type of expense paid for non-CU members CODED	33	CHAR(3)
	100 Meals at restaurant minus alcohol		
	110 Alcohol		
	120 Gasoline and oil		
	130 Lodging		
	140 Highway tolls		
	150 Plane fare		
	160 Train fare		
	170 Bus fare		
	180 Ship fare		
	190 Taxi fare		
	200 Miscellaneous expenses		
	210 Entertainment expenses		
	220 Sports expenses		
	BLS derived		
TRNO_CUY		36	CHAR(1)

rr. **SECTION 18 TRIPS AND VACATIONS**

PART F Local Overnight Stays (TRF)

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

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

convenience stores, or liquor stores, including taxes?

CAPI Section 18

ALCG\_OCX 50 CHAR(1)

LOCADMSX Amount paid for entertainment or admissions 51 NUM(8)

BLS derived

LOCA\_MSX 59 CHAR(1)

FOODLCDL Did the package deal include anything for food and beverages? 60 CHAR(1)  
CODED  
1 Yes  
2 No

CAPI Section 18

FOOD\_CDL 61 CHAR(1)

LODGLCDL Did the package deal include anything for lodging? 62 CHAR(1)  
CODED  
1 Yes  
2 No

CAPI Section 18

LODG\_CDL 63 CHAR(1)

ENTRLCDL Did the package deal include anything for entertainment? 64 CHAR(1)  
CODED  
1 Yes  
2 No

CAPI Section 18

ENTR\_CDL 65 CHAR(1)

ELSELCDL Did the package deal include anything for anything else? 66 CHAR(1)  
CODED  
1 Yes  
2 No

CAPI Section 18

ELSE\_CDL 67 CHAR(1)

QLCMLAX Cost of meals, snacks, or drinks at restaurants, bars, or fast food 68 NUM(8)  
places, excluding alcoholic beverages

BLS derived

QLCMLAX\_ 76 CHAR(1)

QLCGLAX Cost of food or beverages at grocery stores, convenience stores, 77 NUM(8)

or liquor stores, excluding alcoholic beverages

BLS derived

QLCGLAX\_

85 CHAR(1)

**ss. SECTION 19 MISCELLANEOUS EXPENSES**

**Part A Miscellaneous Expenses (MIS)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
MISCCODE	Item code CODED	21	CHAR(3)
	100 Funerals, burials or cremation		
	110 Purchase or upkeep of cemetery lots or vaults		
	120 Combined funeral and cemetery expenses (100, 110)		
	130 Catered affairs		
	140 Fresh flowers or potted plants		
	150 Services of lawyers or other legal professionals		
	160 Accounting fees		
	170 Gardening or lawn care services		
	180 Housekeeping services		
	190 Babysitting, nanny services, or child care in your 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, nanny services, or child care in someone else's home		
	230 Moving, storage, or freight		
	240 Purchases of pets, pet supplies and medicine for pets		
	250 Pet services		
	260 Veterinarian expenses for pets		
	265 Combined pets/pet supplies/medicine for pets, pet services and veterinarian expenses (240, 250, 260)		
	290 Video or computer hardware, software, game boys, or accessories		
	330 Toys and games		
	340 Hobbies		
	345 Combined video or computer hardware, software, game boys, or accessories; toys/games and hobbies (290, 330, 340)		
	350 Adult day care centers		
	360 Professional photography fees		
	370 Home security system service fees		
	380 Occupational expenses		
	390 Lotteries and games of chance		
	400 Stamp and Coin Collecting		

CAPI Section 19			
MISC_ODE		24	CHAR(1)
MISCMO	In what month did you have this expense? CODED 01-12 January-December 13 Continuous expense (monthly expense reported)	25	CHAR(2)
CAPI Section 19			
MISCMO_		27	CHAR(1)
MISCGFTC	Was this expense for your CU or someone outside of your CU? CODED 1 For CU 2 For someone outside your CU	28	CHAR(1)
CAPI Section 19			
MISC_FTC		29	CHAR(1)
MISCEXPX	What was the total amount of the expense?	30	NUM(6)
CAPI Section 19			
MISC_XPX		36	CHAR(1)
MISCDE1	If MISCCODE = 265 or 345, then MISCDE1 will contain the first code mentioned of the multiple items indicated in MISCCODE	37	CHAR(3)
CAPI Section 19			
MISCDE1_		40	CHAR(1)
MISCDE2	Same as MISCDE1, but contains the second item mentioned	41	CHAR(3)
CAPI Section 19			
MISCDE2_		44	CHAR(1)
MISCDE3	Same as MISCDE1, but contains the third item mentioned	45	CHAR(3)
CAPI Section 19			
MISCDE3_		48	CHAR(1)
MISCDE4	Same as MISCDE1, but contains the fourth item mentioned	49	CHAR(3)
CAPI Section 19			
MISCDE4_		52	CHAR(1)
MISCDE5	Same as MISCDE1, but contains the fifth item mentioned	53	CHAR(3)



CAPI Section 19			
MISCDE5_		56	CHAR(1)
MISCDE6	Same as MISCDE1, but contains the sixth item mentioned	57	CHAR(3)
CAPI Section 19			
MISCDE6_		60	CHAR(1)
MISCDE7	Same as MISCDE1, but contains the seventh item mentioned	61	CHAR(3)
CAPI Section 19			
MISCDE7_		64	CHAR(1)
MISCDE8	Same as MISCDE1, but contains the eighth item mentioned	65	CHAR(3)
CAPI Section 19			
MISCDE8_		68	CHAR(1)
MISCDE9	Same as MISCDE1, but contains the ninth item mentioned	69	CHAR(3)
CAPI Section 19			
MISCDE9_		72	CHAR(1)

tt. **SECTION 19 MISCELLANEOUS EXPENSES**

Part B Contributions (CNT)

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

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

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

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

**PART A Food and Beverages (XPA)**

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

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

JNON_DQV		38	CHAR(1)
JOTHSTQV	Quarterly expenditure for food or nonalcoholic beverages from places other than grocery stores, such as home delivery, specialty stores, bakeries, convenience stores, dairy stores, vegetable stands, or farmers' markets	39	NUM(8)
	BLS derived		
JOTH_TQV		47	CHAR(1)
JBRWINQV	Quarterly expenditure for beer and wine to be served at home	48	NUM(8)
	BLS derived		
JBRW_NQV		56	CHAR(1)
JOTHALQV	Quarterly expenditure for other alcoholic beverages to be served at home	57	NUM(8)
	BLS derived		
JOTH_LQV		65	CHAR(1)
JDINEOQV	Quarterly expenditure for dinners, other meals, or snacks in restaurants, cafeterias, cafes, drive-ins, or other such places	66	NUM(8)
	BLS derived		
JDIN_OQV		74	CHAR(1)
JALOUTQV	Quarterly expenditure for any alcoholic beverages in restaurants, taverns, or cocktail lounges	75	NUM(8)
	BLS derived		
JALO_TQV		83	CHAR(1)
JMLPAYQV	Quarterly value of any free meals at work as part of your pay	93	NUM(8)
	BLS derived		
JMLP_YQV		101	CHAR(1)
JMEALPYA	Annual value of any free meals at work as part of your pay (JMLPAYQV * 4)	102	NUM(8)
	BLS derived		
JMEA_PYA		110	CHAR(1)
JSCHMLQV	Quarterly expenditure for any meals at school or in a preschool program for preschool or school age children (summed across all members)	111	NUM(8)
	BLS derived		

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

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

**PART B Selected Services and Goods (XPB)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
OTHLNDRX	What was the cost for coin-operated laundry or dry cleaning machines for items other than clothes?	27	NUM(5)
	CAPI Section 20		
OTHL_DRX		32	CHAR(1)
OTHDCLNX	What was the cost for items other than clothes sent to the dry cleaners or laundry?	33	NUM(4)
	CAPI Section 20		
OTHD_LNX		37	CHAR(1)
SAFDPSTX	What was the total rental expense for a safe deposit box in a bank or a similar financial institution since the 1st of ( <i>month, 3 months ago</i> )?	38	NUM(3)
	CAPI Section 20		
SAFD_STX		41	CHAR(1)
TXLIMX	Since the 1st of ( <i>month, 3 months ago</i> ), what was the total	42	NUM(4)

expense for taxis or limousine service for non-business purposes, except those used while on a trip?

CAPI Section 20

TXLIMX_		46	CHAR(1)
JLDRYNET	Cost for coin-operated laundry or dry cleaning machines for clothing items	61	NUM(8)
	BLS derived		
JLDR_NET		69	CHAR(1)
JDRYCNET	Cost for services at the dry cleaners or laundry for clothing items	70	NUM(8)
	BLS derived		
JDRY_NET		78	CHAR(1)
JCIGARQV	Quarterly expenditure for cigarettes	79	NUM(8)
	BLS derived		
JCIG_RQV		87	CHAR(1)
JOTBACQV	Quarterly expenditure for cigars, pipe tobacco, or other tobaccos, including chewing tobacco	88	NUM(8)
	BLS derived		
JOTB_CQV		96	CHAR(1)
JBNKSCQV	Quarterly charges for checking accounts or other banking services	115	NUM(8)
	BLS derived		
JBNK_CQV		123	CHAR(1)
JTRANWQV	Usual quarterly cost of mass transit to go to work	124	NUM(8)
	BLS derived		
JTRA_WQV		132	CHAR(1)
JTRANSQV	Usual quarterly cost of mass transit to go to school	133	NUM(8)
	BLS derived		
JTRA_SQV		141	CHAR(1)
JTRANOQV	Usual quarterly cost of mass transit to go to other places	142	NUM(8)
	BLS derived		

JTRA_OQV		150	CHAR(1)
SALONX	Total expense for haircuts, styling, manicures, massages, or other salon services.	167	NUM(8)
	CAPI Section 20		
SALONX_		175	CHAR(1)
TRANSUBX	Usual monthly amount of transit subsidy	176	NUM(6)
	CAPI Section 20		
TRAN_UBX		182	CHAR(1)
TRANWRKX	Monthly cost for transportation to work minus any amount covered by transit subsidies	183	NUM(6)
	CAPI Section 20		
TRAN_RKX		189	CHAR(1)

**ww. SECTION 21 CREDIT LIABILITY**

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
CRED_TR1		24	CHAR(1)
CREDITX1	On the 1st of <i>(the current month)</i> , how much was owed to <i>(credit source)</i> ? (Do not include mortgage, home equity loans, vehicle loans, or business related loans)	25	NUM(8)
	CAPI Section 21		
CRED_TX1		33	CHAR(1)

**xx. SECTION 21 CREDIT LIABILITY**

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
CREDITR5	Credit source item code CODED	21	CHAR(3)
	110 Gas credit cards, such as AMOCO or EXXON		
	120 Store credit cards, such as those issued by department, specialty, electronics or sporting good stores		
	130 Major credit cards, such as VISA, Master Card, American Express, or revolving credit accounts		
	200 Store installment credit accounts		
	510 Financial institutions, such as banks, brokerages, savings and loans, credit unions, or insurance companies (Do not include insurance premium payments)		
	700 Doctors, dentists, hospitals, or medical practitioners for expenses not covered by insurance		
	800 Other credit, such as school loans, personal loans, or loans from retirement plans		
	CAPI Section 21		
CRED_TR5		24	CHAR(1)
CREDITX5	On the 1st of ( <i>the current month</i> ), how much was owed to ( <i>credit source</i> )? (Do not include mortgage, home equity loans, vehicle loans, or business related loans)?	25	NUM(8)
	CAPI Section 21		
CRED_TX5		33	CHAR(1)
OWEMONEY	What was the total amount owed on the 1st of ( <i>current month, one year ago</i> )?	34	NUM(8)
	CAPI Section 21		
OWEM_NEY		42	CHAR(1)

yy. SECTION 21 CREDIT LIABILITY

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
Finance charges, interest charges, and late fees reported in this section do not apply to mortgages, home equity loans, or vehicle loans.			
INSTALLX	During the past 12 months, how much was paid for finance, interest and late charges to stores for installment credit accounts?  CAPI Section 21	28	NUM(6)
INST_LLX		34	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?  CAPI Section 21	63	NUM(6)
MEDI_ALX		69	CHAR(1)
PDOTHERX	During the past 12 months, how much was paid for finance, interest and late charges to other credit sources?  CAPI Section 21	70	NUM(6)
PDOT_ERX		76	CHAR(1)
GASCARDX	Amount of interest charges, finance charges, or late fees paid to gasoline credit cards in the past 12 months.  CAPI Section 21	77	NUM(6)
GASC_RDX		83	CHAR(1)
STRCARDX	Amount of interest charges, finance charges, or late fees paid to store credit cards in the past 12 months.  CAPI Section 21	84	NUM(6)
STRC_RDX		90	CHAR(1)
MAJCARDX	Total amount paid for finance, interest, or late charges to major credit cards or other revolving credit accounts.	91	NUM(6)



CAPI Section 21

MAJC_RDX		97	CHAR(1)
FININSTX	Amount of interest charges, finance charges, or late fees paid to financial institutions in the past 12 months.	98	NUM(6)

CAPI Section 21

FINI_STX		104	CHAR(1)
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## **7. PROCESSING FILES**

### **a. Istub file**

X:\Programs\Istub2006.txt

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

DESCRIPTION	START POSITION	FORMAT
Type: represents whether information in this line contains aggregation data or not	1	CHAR(1)
Level: aggregation level (lowest number is highest level of aggregation)	4	CHAR(1)
Title: title of the line item	7	CHAR(60)
UCC: UCC number in the MTAB or ITAB file	70	CHAR(6)
Survey: Indicates survey source (I = interview, G = Aggregated item)	80	CHAR(1)
Group: Indicates if the item is an expenditure, income, or asset	86	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:\INTRVW06\UCCI06.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	START POSITION	FORMAT
UCC	1	CHAR(6)
UCC title	8	CHAR(50)

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

**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 variable MAKE in EXPN Section 10, Part B (Rented and Leased Vehicles – Detailed Questions for Leased Vehicles) and MAKE in EXPN Section 11, Part B (Owned Vehicles - Detailed Questions).

X:\INTRVW06\CAPIVEHI06.TXT

CAPIVEHI06.TXT is formatted as follows

DESCRIPTION	START POSITION	FORMAT
Make code	1	CHAR(3)
Make of vehicle	5	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 FMLY file to create calendar year estimates. The Integrated Mean and SE.sas program is used using data from the Diary and Interview files to create the means and standard errors using the same methods as the published tables.

Note: Estimates from the programs will not match the published tables exactly due to topcoding in the public-use data.

## IV. TOPCODING AND OTHER NONDISCLOSURE REQUIREMENTS

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

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

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

The following FMLY file variables are subject to topcoding.

AGE_REF	Age of reference person
AGE2	Age of spouse
ALIOTHX, ALIOTHXM	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, CHDOTHXM	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, FININCXM	Amount received from regular income from dividends, royalties, estates or trusts
INCLOSSA, INCLOSAM	Amount of net income or loss received from roomers or boarders
INCLOSSB, INCLOSBM	Amount of net income or loss received from other rental units
INSRFNDX	Amount of refund received from insurance policies
INTEARNX, INTEARNM	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
MONEYOWDX	Amount of money owed to CU by persons outside CU
OTHRFNDX	Amount of refund received from other sources
OTHRINCX, OTHRINCM	Amount received from other money income
PENSIONX, PENSIONM	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.

<b>Variable</b>	<b>Critical value +</b>	<b>Critical value -</b>	<b>Topcode value +</b>	<b>Topcode value -</b>	<b>Condition</b>
AGE_REF	81	-	86	-	-
AGE2	81	-	86	-	-
ALIOTHX	35,000	-	59,470	-	-
ALIOTHXM, ALIOTHX1-5	35,000	-	42,960	-	-
BSINVSTX	125,000	-	203,000	-	-
CHDLMPX	12,000	-	31,167	-	-
CHDOTHX	18,000	-	36,300	-	-
CHDOTHXM, CHDOTHX1-5	18,000	-	28,656	-	-
CKBKACTX	30,000	-	249,390	-	-
COMPBNDX	8,306	-14,000	23,200	-17,750	-
COMPCKGX	25,000	-30,000	102,354	-60,962	-
COMPOWDX	40,000	-10,000	114,200	-16,250	-
COMPSAVX	68,000	-50,000	219,000	-115,426	-
COMPSECX	200,000	-350,000	712,302	-993,333	-
FEDRFNDX	7,100	-	11,353	-	-
FEDTAXX	30,000	-	93,914	-	-
FININCX	85,000	-	216,910	-	-
FININCXM	85,000	-	155,244	-	-
FININCX1-5					
INCLOSSA	31,200	-14,400	47,244	-22,000	-
INCLOSAM, INCLOSA1-5	31,200	-14,400	38,288	-22,000	-
INCLOSSB	36,000	-14,000	50,667	-44,926	-
INCLOSBM, INCLOSB1-5	36,000	-14,000	40,676	-16,919	-
INSRFNDX	8,300	-	14,500	-	-
INTEARNX	35,000	-	72,030	-	-
INTEARNM, INTEARN1-5	35,000	-	69,899	-	-
LUMPSUMX	180,000	-	330,678	-	-
MISCTAXX	9,000	-	16,541	-	-
MONYOWDX	90,000	-	263,000	-	-

<b>Variable</b>	<b>Critical value +</b>	<b>Critical value -</b>	<b>Topcode value +</b>	<b>Topcode value -</b>	<b>Condition</b>
OTHRFNDX	2,700	-	5,705	-	-
OTHRINCX	28,400	-	79,671	-	-
OTHRINCM, OTHRINC1-5	28,400	-	55,758	-	-
PENSIONX	66,000	-	92,277	-	-
PENSIONM, PENSION1-5	66,000	-	69,938	-	-
PTAXRFDX	3,708	-	5,120	-	-
PURSSECX	300,000	-	864,286	-	-
RENTEQVX	3,000	-	4,952	-	OWNYI = '100'
SALEINCX	10,000	-	76,131	-	-
SAVACCTX	150,000	-	407,510	-	-
SECESTX	1,000,000	-	3,719,286	-	-
SELLSECX	400,000	-	853,578	-	-
SETLINSX	84,000	-	106,000	-	-
SLOCTAXX	8,403	-	17,704	-	-
SLRFUNDX	2,000	-	3,655	-	-
SSOVERPX	2,265	-	3,114	-	-
TAXPROPX	1,000	-	1,858	-	-
USBNDX	50,000	-	79,374	-	-
WDBSASTX	50,000	-	93,500	-	-
WDBSGDSX	12,000	-	30,000	-	-

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

EARNINCX	Amount of CU income from earnings before taxes
FAMTFEDX, FAMTFEDM	Amount of Federal income tax deducted from last pay, annualized for all CU members
FFRMINCX, FFRMINCM	Amount of income or loss received from own farm
FGOVRETX, FGOVRETM	Amount of government retirement deducted from last pay, annualized for all CU members
FINCATAX, FINCATXM	Amount of CU income after taxes
FINCBTAX, FINCBTXM	Amount of CU income before taxes
FINDRETX	Amount of money placed in individual retirement plan
FJSSDEDX, FJSSDEDM	Estimated amount of annual Social Security contribution
FNONFRMX, FNONFRMM	Amount of income or loss received from nonfarm business
FPRIPENX, FPRIPENM	Amount of private pension fund deducted from last pay, annualized for all CU members
FRRDEDX, FRRDEDM	Amount of Railroad Retirement deducted from last pay, annualized for all CU members
FSALARYX,	Amount received from wage and salary income before deductions

FSALARYM  
 FSLTAXX, Amount of state and local income taxes deducted from last pay, annualized for all CU  
 FSLTAXXM 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  
 TOTTXPDM

Here are some examples of situations that may occur. The value for the variable FFRMINCM (Family income or loss from farm) is computed as the sum of the values reported for the variable FARMINCM (member income or loss from farm) from the MEMB file. FARMINCM is subject to topcoding beyond the critical value of \$60,000 (-\$9,999). The topcode value for FARMINCM is \$81,261 (-\$24,589). (See Section IV.B. MEMBER CHARACTERISTICS AND INCOME FILE (MEMB)).

FARMINCM		FFRMINCM		<i>FLAGGED AS TOPCODED?</i>
<i>CU</i>		<i>REPORTED</i>	<i>AFTER TOPCODING</i>	
CU 1:	MEMB1	\$50,000	\$50,000	No
	MEMB2	50,000	50,000	
CU 2:	MEMB1	90,000	81,261	Yes
	MEMB2	10,000	10,000	
CU 3	MEMB1	61,000	81,261	Yes
	MEMB2	50,000	50,000	
CU 4	MEMB1	52,000	52,000	Yes
	MEMB2	-55,000	-24,589	

While CUs 1 and 2 each originally report \$100,000 in FARMINCM, topcoding is done only on the value reported by MEMB1 of CU2. Thus, the value for FFRMINCM for CU2 is lower 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 above the reported value, CU2's topcoded FFRMINCM value (\$91,261) is lower than the amount that it reported (\$100,000). The case of CU4 demonstrates that the value for FFRMINCM 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 FARMINCM reported by MEMB2. The reverse can also occur.

The value of the variable, STATE, which identifies the state of residence, must be suppressed for some observations to meet the Census Disclosure Review Board's criterion that the smallest geographically identifiable area have a population of at least 100,000. STATE data were evaluated vis-à-vis the POPSIZE, REGION, and BLS\_URBN variables, which show the population size of the geographic area that is sampled, the four Census regions, and urban/rural status respectively. Some STATE codes were suppressed because, in combination with these variables, they could be used to identify areas of 100,000 or less. On approximately 17 percent of the records on the FMLY files the STATE variable is blank.

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.) In total, approximately 4% of observations are recoded.

RR01	Alabama	29	Missouri
02	Alaska	*30	Montana
04	Arizona	31	Nebraska
*05	Arkansas	32	Nevada
**06	California	33	New Hampshire
**08	Colorado	34	New Jersey
09	Connecticut	**36	New York
R10	Delaware	*37	North Carolina
11	District of Columbia	**39	Ohio
12	Florida	40	Oklahoma
RR**13	Georgia	**41	Oregon
15	Hawaii	42	Pennsylvania
16	Idaho	44	Rhode Island
**17	Illinois	45	South Carolina
**18	Indiana	*46	South Dakota
**20	Kansas	**47	Tennessee
21	Kentucky	**48	Texas
22	Louisiana	49	Utah
**23	Maine	**51	Virginia
RR24	Maryland	53	Washington
25	Massachusetts	**54	West Virginia
**26	Michigan	RR**55	Wisconsin
R27	Minnesota		
*28	Mississippi		

\* indicates that the STATE code has been suppressed for all sampled CUs in that state.

\*\* indicates that the STATE code has been suppressed for some sampled CUs in that state.

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

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

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

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

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

States not listed are not in the CE sample.

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

The following MEMB file variables are subject to topcoding.

AGE	Age of member
AMTFED	Amount of Federal income tax deducted from last pay
ANFEDTX, ANFEDTXM	Annual amount of Federal income tax deducted from pay
ANGOVRTX, ANGOVRTM	Annual amount of government retirement deducted from pay
ANPRVPNX, ANPRVPM	Annual amount of private pension fund deducted from pay
ANRRDEDX, ANRRDEDM	Annual amount of Railroad Retirement deducted from pay

ANSLTX, ANSLTXM	Annual amount of state and local income taxes deducted from pay
FARMINCX, FARMINCM	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, JSSDEDXM	Estimated annual Social Security contribution
NONFARMX, NONFARMM	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, SALARYXM	Amount received from wage and salary income before deductions
SLFEMPSS, SLFEMPSSM	Amount of self-employment Social Security contribution
SLTAXX	Amount of state and local income taxes deducted last pay

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

<u>Variable</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>
AGE	81	-	86	-
AMTFED	1,100	-	2,622	-
ANFEDTX	23,375	-	41,216	-
ANFEDTXM, ANFEDTX1-5	23,375	-	41,508	-
ANGOVRTX	8,400	-	10,942	-
ANGOVRTM, ANGOVRT1-5	8,400	-	10,888	-
ANPRVPNX	17,143	-	24,416	-
ANPRVPM, ANPRVPN1-5	17,143	-	24,585	-
ANRRDEDX	8,200	-	10,146	-
ANRRDEDM, ANRRDED1-5	8,200	-	10,146	-
ANSLTX	7,740	-	14,675	-
ANSLTXM, ANSLTX1-5	7,740	-	14,837	-
FARMINCX	60,000	-9,999	255,000	-36,249
FARMINCM, FARMINC1-5	60,000	-9,999	81,261	-24,589
GOVRETX	600	-	1,008	-
GROSPAYX	6,200	-	14,457	-
INDRETX	20,000	-	43,281	-
JSSDEDX	8,015	-	10,871	-
JSSDEDXM, JSSDEDX1-5	8,015	-	8,927	-
NONFARMX	150,000	-9,999	377,132	-53,836
NONFARMM, NONFARM1-5	150,000	-9,999	187,526	-34,546
PRIVPENX	1,166	-	4,034	-
RRRDEDX	446	-	540	-
SALARYX	150,000	-	266,237	-



<b><u>Variable</u></b>	<b><u>Critical value +</u></b>	<b><u>Critical value -</u></b>	<b><u>Topcode value +</u></b>	<b><u>Topcode value -</u></b>
SALARYXM, SALARYX1-5	150,000	-	211,886	-
SLFEMPSS	15,570	-	19,536	-
SLFEMPSM, SLFEMPS1-5	15,570	-	13,492	-
SLTAXX	400	-	875	-

### Special suppression for MEMB file variables

The five MEMB file variables--AMTFED, GOVRETX, PRIVPENX, RRRDEDX, and SLTAXX--describe deductions from the most recent pay. These variables are used in conjunction with GROSPAYX (amount of last gross pay) and SALARYXM (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

$$(1) \quad \text{ANFEDTXM} = (\text{SALARYXM} (\text{AMTFED}/\text{GROSPAYX})).$$

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

$$(2) \quad \text{SALARYXM} = (\text{ANFEDTXM} (\text{GROSPAYX}/\text{AMTFED})).$$

In the above example, a problem with disclosure may arise when neither ANFEDTXM, GROSPAYX, nor AMTFED are topcoded, *but SALARYXM is*. In this situation SALARYXM 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 SALARYXM is greater than the critical value but ANFEDTXM, GROSPAYX, and AMTFED are not, then the values for ANFEDTXM, GROSPAYX, and AMTFED are suppressed and their flag variables are assigned a value of 'T'.

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

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

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

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

The same special suppression for MEMB file variables occurs with the original (pre-income imputation) variables that correspond to the variables noted above (SALARYX, ANFEDTX).

## C. MONTHLY EXPENDITURE FILE (MTAB)

The MTAB 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
220211	Amount of annual property tax, owned home
220212	Amount of annual property tax, owned vacation home
550320	Medical equipment for general use
550330	Supportive or convalescent medical equipment
560110	Physicians' services
560210	Dental services
560310	Eye care services
560330	Lab tests and x-rays
560400	Services by professionals other than physicians
570111	Hospital room and services
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
790600	Amount of annual property tax, other property
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

<u>UCC</u>	<u>Description</u>
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	1,675	-	2,266	-	QRT3MCMX	NA
210210	1,879	-	3,171	-	LDGCOSTX	NA
210210	715	-	1,273	-	TOTYUPDX	TOTYUPDY = '130'
210210	1,200	-	1,657	-	TRNONCUX	TRNONCUY = '130'
210310	4,142	-	5,615	-	JEDUCNET	EDUC_AY = '310'
210901	2,100	-	3,411	-	QLR3MCMX	OWNYI = '100' OR OWNYI = '200'
210902	1,350	-	1,800	-	QLR3MCMX	OWNYI = '300'
220211	692	-	1,076	-	QADPTAX	OWNYB = '100' OR OWNYB = '200'
220212	708	-	1,200	-	QADPTAX	OWNYB = '300'
550320	720	-	2,022	-	MEDPMTX	MEDPCARY = '660'
550320	-	-150	-	-382	MEDRMBX	MEDRCARY = '660'
550330	621	-	5,826	-	MEDPMTX	MEDPCARY = '640'
550330	-	-127	-	-207	MEDRMBX	MEDRCARY = '640'
560110	400	-	1,064	-	MEDPMTX	MEDPCARY = '420'
560110	-	-1,500	-	-3,913	MEDRMBX	MEDRCARY = '420'
560210	1,491	-	2,929	-	MEDPMTX	MEDPCARY = '200'
560210	-	-1,300	-	-3,734	MEDRMBX	MEDRCARY = '200'
560310	490	-	1,687	-	MEDPMTX	MEDPCARY = '110'
560310	-	-400	-	-1,531	MEDRMBX	MEDRCARY = '110'
560330	750	-	1,648	-	MEDPMTX	MEDPCARY = '510'
560330	-	-785	-	-1,687	MEDRMBX	MEDRCARY = '510'
560400	520	-	1,496	-	MEDPMTX	MEDPCARY = '410'
560400	-	-790	-	-1,241	MEDRMBX	MEDRCARY = '410'
570111	2,000	-	5,800	-	MEDPMTX	MEDPCARY = '330'
570111	-	-2,500	-	-6,160	MEDRMBX	MEDRCARY = '330'
570220	7,473	-	7,668	-	MEDPMTX	MEDPCARY = '520'
570220	-	-2,232	-	-3,105	MEDRMBX	MEDRCARY = '520'
570230	1,800	-	7,524	-	MEDPMTX	MEDPCARY = '530'
570230	-	-8,201	-	-28,946	MEDRMBX	MEDRCARY = '530'
570240	-	-	-	-	JFEETOTX	REGFEECR = '29000'
570240	-	-	-	-	QSPCLX	SPFEECR = '29000'
570901	415	-	515	-	MEDPMTX	MEDPCARY = '650'
570901	-	supp	-	supp	MEDRMBX	MEDRCARY = '650'
570903	226	-	317	-	MEDPMTX	MEDPCARY = '630'
570903	-	-47	-	-192	MEDRMBX	MEDRCARY = '630'
790600	500	-	1,132	-	QADPTAX	OWNYB = '400' OR OWNYB = '500'
790710	295,000	-	718,400	-	OWN_PURX	OWNYB = '400' OR OWNYB = '500'
790810	-	-110,000	-	-456,000	DISPX	OWNYD = '400' OR OWNYD = '500'
790910	-	-5,100	-	-25,127	QLMPSUMX	OWNYI = '400' OR OWNYI = '500'
790920	-	-1,470	-	-3,850	QPRIN1X	OWNYF = '400' or '500' and LOANTYPE = '1'
790920	-	-1,476	-	-3,869	QPRIN2X	OWNYF = '400' or '500' and LOANTYPE = '1'
790920	-	-1,483	-	-3,888	QPRIN3X	OWNYF = '400' or '500' and LOANTYPE = '1'
790930	230,224	-	433,333	-	ORGMRTX	OWNYF='400' OR OWNYF='500'
790940	-	-116	-	-348	QPRIN1G	OWNYG = '400' or '500' and LOANTYPE = '2'
790940	-	-117	-	-350	QPRIN2G	OWNYG = '400' or '500' and LOANTYPE = '2'

<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>
790940	-	-117	-	-352	QPRIN3G	OWNYG = '400' or '500' and LOANTYPE = '2'
790950	supp	-	supp	-	ORGMRTG	OWNYG='400' OR OWNYG='500'
800721	72,917	-	133,560	-	PROPVALX	OWNYB = '100' OR OWNYB = '200'
810101	750,000	-	991,800	-	OWN_PURX	OWNYB = '100' OR OWNYB = '200'
810102	400,000	-	1,095,667	-	OWN_PURX	OWNYB = '300'
820101	-	-600,000	-	-767,333	DISPX	OWNYD = '100' OR OWNYD = '200'
820102	-	-232,000	-	-357,667	DISPX	OWNYD = '300'
830101	-	-6,725	-	-46,561	QLMPSUMX	OWNYI = '100' OR OWNYI = '200'
830102	-	-5,000	-	-42,333	QLMPSUMX	OWNYI = '300'
830201	-	-1,000	-	-1,653	QPRINM1X	OWNYF = '100' or '200' and LOANTYPE = '1'
830201	-	-1,004	-	-1,647	QPRINM2X	OWNYF = '100' or '200' and LOANTYPE = '1'
830201	-	-1,010	-	-1,670	QPRINM3X	OWNYF = '100' or '200' and LOANTYPE = '1'
830202	-	-766	-	-2,508	QPRINM1X	OWNYF = '300' and LOANTYPE = '1'
830202	-	-828	-	-2,520	QPRINM2X	OWNYF = '300' and LOANTYPE = '1'
830202	-	-904	-	-2,535	QPRINM3X	OWNYF = '300' and LOANTYPE = '1'
830203	-	-1,198	-	-2,274	QPRINM1G	OWNYG = '100' or '200' and LOANTYPE = '2'
830203	-	-1,152	-	-1,891	QPRINM2G	OWNYG = '100' or '200' and LOANTYPE = '2'
830203	-	-1,157	-	-1,770	QPRINM3G	OWNYG = '100' or '200' and LOANTYPE = '2'
830204	-	-433	-	-783	QPRINM1G	OWNYG = '300' and LOANTYPE = '2'
830204	-	-397	-	-615	QPRINM2G	OWNYG = '300' and LOANTYPE = '2'
830204	-	-399	-	-641	QPRINM3G	OWNYG = '300' and LOANTYPE = '2'
830301	500,000	-	732,068	-	ORGMRTX	OWNYF = '100' OR OWNYF = '200'
830302	228,329	-	589,841	-	ORGMRTX	OWNYF = '300'
830303	192,096	-	274,899	-	ORGMRTX	OWNYF = '100' OR OWNYF = '200'
860600	-	-7,000	-	-27,667	SALEX	VEHICYC = '160'
880120	1,233	-4,577	-	-15,990	JLCPRINX	OWNYH = '100' OR OWNYH = '200'
880220	-	-499	-	-4,722	JLCPRINX	OWNYH = '400' OR OWNYH = '500'
880320	-	-854	-	-1,071	JLCPRINX	OWNYH = '300'
900002	400	-	721	-	MISCEXPX	MISCCODE = '380'
910050	250	-	390	-	RNTEQVX	OWNYI = '100'
910100	433	-	885	-	RNTEQVX	OWNYI = '300'

## D. INCOME FILE (ITAB)

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

<u>UCC</u>	<u>Description</u>
001000	Purchase price of stocks, bonds, or mutual funds
001010	Net amount received from sales of stocks, bonds, mutual funds
001210	Amount of investment in own farm or business
001220	Amount of assets, goods, and services withdrawn from own farm or business
002010	Difference in amount held in savings accounts
002020	Difference in amount held in checking accounts
002030	Difference in amount held in U.S. Savings bonds
003000	Difference in amount of money owed to CU
003100	Amount received from settlement on surrender of any insurance policies
800910	Amount of government retirement deducted from last pay, annualized for all CU members
800920	Amount of Railroad Retirement deducted from last pay, annualized for all CU members
800931	Amount of private pension fund deducted from last pay, annualized for all CU members
800932	Amount of money placed in individual retirement plan

800940 Estimated amount of annual Social Security contribution  
 900000 Amount received from wage and salary income before deductions  
 900001 Amount of occupational expenses  
 900010 Amount of income or loss received from own nonfarm business  
 900020 Amount of income or loss received from own farm  
 900040 Amount received from pensions or annuities  
 900050 Amount received from regular income from dividends, royalties, estates or trusts  
 900060 Amount of net income or loss received from roomers or boarders  
 900070 Amount of net income or loss received from other rental units  
 900080 Amount received from interest on savings accounts or bonds  
 900131 Amount received from other child support payments  
 900132 Amount received from other regular contributions including alimony  
 900140 Amount received from other money income  
 910000 Amount received from lump sum receipts  
 910010 Amount received from sale of household furnishings, equipment  
 910020 Amount of refund received from overpayment on Social Security  
 910030 Amount of refund received from insurance policies  
 910040 Amount of refund received from property taxes  
 910041 Amount received from lump sum child support payment  
 920010 Amount in savings accounts  
 920020 Amount in checking, brokerage and other similar accounts  
 920030 Amount in U.S. Savings bonds  
 920040 Estimated market value all stocks, bonds, mutual funds  
 950001 Amount of refund received from Federal income tax  
 950011 Amount of refund received from state and local taxes  
 950021 Amount of other taxes paid  
 950022 Amount of personal property taxes paid  
 950023 Amount of refund received from other sources  
 980000 Amount of CU income before taxes  
 980020 Age of reference person  
 980070 Amount of CU income after taxes

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

<b><u>UCC</u></b>	<b><u>Critical value +</u></b>	<b><u>Critical value -</u></b>	<b><u>Topcode value +</u></b>	<b><u>Topcode value -</u></b>
001000	25,000	-	72,024	-
001010	-	-33,333	-	-71,131
001210	10,417	-	16,917	-
001220 (WDBSASTX)	-	-4,167	-	-7,792
001220 (WDBSGDSX)	-	-1,000	-	-2,500
002010	5,667	-4,167	18,250	-9,619
002020	2,083	-2,500	8,530	-5,080
002030	692	-1,167	1,933	-1,479
003000	3,333	-833	9,517	-4,244
003100	-	-7,000	-	-8,833
900040	5,500	-	5,828	-
900050	7,083	-	12,937	-
900060	2,600	-1,200	3,191	-1,833
900070	3,000	-1,167	3,390	-1,410
900080	1,000	-	1,739	-

900131	1,500	-	2,388	-
900132	2,917	-	3,580	-
900140	2,367	-	4,647	-
910000	15,000	-	27,556	-
910010	833	-	6,344	-
910020	189	-	260	-
910030	692	-	1,208	-
910040	309	-	427	-
910041	1,000	-	2,597	-
920010	12,500	-	33,959	-
920020	2,500	-	20,782	-
920030	4,167	-	6,615	-
920040	83,333	-	309,941	-
950001	-	-592	-	-946
950011	-	-167	-	-305
950021	750	-	1,378	-
950022	83	-	155	-
950023	-	-225	-	-475

<sup>1</sup> FEDTAXX (amount of Federal tax paid in addition to that withheld) and FAMTFEDX (Federal tax withheld from last pay annualized for all CU members) are mapped to UCCs 950003 and 950002, respectively, as separate records. Records for UCC 950002 that represent FAMTFEDX are topcoded through their components (AMTFED) at the MEMB level and thus, these records will not have an ITAB critical value.

<sup>2</sup> SLOCTAXX (amount of state and local taxes paid in addition to that withheld) and FSLTAXX (state and local income tax deduction from last pay annualized for all CU members) are mapped to UCCs 950013 and 950012, respectively, as separate records. Records for UCC 950012 that represent FSLTAXX are topcoded through their components (SLTAXX) at the MEMB level and thus, these records will not have an ITAB critical value. Create the ITAB VALUE field for these records by dividing FSLTAXX by 12. If FSLTAXX is topcoded, then set VALUE\_ to 'T'

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

<b>UCC</b>	<b>FMLY variable</b>	<b>Description</b>
800910	FGOVRETX, FGOVRETM	Amount of government retirement deducted from last pay, annualized for all CU members
800920	FRRDEDX, FRRDEDM	Amount of Railroad Retirement deducted from last pay, annualized for all CU members
800931	FPRIPENX, FPRIPENM	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, FJSSDEDM	Estimated amount of annual Social Security contribution
900000	FSALARYX, FSALARYM	Amount received from wage and salary income before deductions
900010	FNONFRMX, FNONFRMM	Amount of income or loss received from own nonfarm business
900020	FFRMINCX, FFRMINCM	Amount of income or loss received from own farm
980000	FINCBTAX, FINCBTXM	Amount of CU income before taxes
980070	FINCATAX, FINCATXM	Amount of CU income after taxes

## E. DETAILED EXPENDITURE FILES (EXPN)

The following EXPN file variables are subject to topcoding.

<b>Survey (CAPI) Section</b>	<b>File name</b>	<b>Variable</b>	<b>Description</b>
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?
		QADPTAX	
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
		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

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

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

<b>Survey Section</b>	<b>File name</b>	<b>Variable</b>	<b>Critical value +</b>	<b>Critical value -</b>	<b>Topcode value +</b>	<b>Topcode value -</b>	<b>Condition</b>
2. A&B.	RNT	QRT3MCMX	5,025	-	6,799	-	-
3. B.	OPB	PROPVALX	875,000	-	1,602,725	-	OWNYB = '100' or OWNYB = '200'
		PROPVALX	1,000,000	-	2,193,588	-	OWNYB = '300'
		PROPVALX	816,000	-	1,298,039	-	OWNYB = '400' or OWNYB = '500'
		OWN_PURX	800,000	-	1,002,682	-	OWNYB = '100' or OWNYB = '200'
		OWN_PURX	675,000	-	1,280,000	-	OWNYB = '300'
		OWN_PURX	494,000	-	734,000	-	OWNYB = '400' or OWNYB = '500'
		QADPTAX	8,300	-	12,906	-	OWNYB = '100' or OWNYB = '200'
		QADPTAX	8,500	-	14,399	-	OWNYB = '300'
		QADPTAX	6,000	-	13,588	-	OWNYB = '400' or OWNYB = '500'
3. D.	OPD	DISPX	600,000	-	767,333	-	OWNYD = '100' or OWNYD = '200'
		DISPX	232,000	-	357,667	-	OWNYD = '300'
		DISPX	110,000	-	456,000	-	OWNYD = '400' or OWNYD = '500'
3. F.	MOR	ORGMRTX	417,000	-	580,924	-	OWNYF = '100' or OWNYF = '200'
		ORGMRTX	350,403	-	493,037	-	OWNYF = '300'
		ORGMRTX	251,000	-	414,000	-	OWNYF = '400' or OWNYF = '500'
		MRTPTMX	3,361	-	5,029	-	-
		QBLNCM1X	405,612	-	552,662	-	('100' ≤ OWNYF ≤ '500')
		QBLNCM2X	406,769	-	555,165	-	('100' ≤ OWNYF ≤ '500')
		QBLNCM3X	407,268	-	559,607	-	('100' ≤ OWNYF ≤ '500')
		QPRINM1X	1,000	-	1,653	-	OWNYF = '100' or OWNYF = '200'
		QPRINM1X	766	-	2,508	-	OWNYF = '300'
		QPRINM1X	1,470	-	3,850	-	OWNYF = '400' or OWNYF = '500'
		QPRINM2X	1,004	-	1,647	-	OWNYF = '100' or OWNYF = '200'
		QPRINM2X	828	-	2,520	-	OWNYF = '300'
		QPRINM2X	1,476	-	3,869	-	OWNYF = '400' or OWNYF = '500'
		QPRINM3X	1,010	-	1,670	-	OWNYF = '100' or OWNYF = '200'
		QPRINM3X	904	-	2,535	-	OWNYF = '300'
		QPRINM3X	1,483	-	3,888	-	OWNYF = '400' or OWNYF = '500'
3. G.	HEL	ORGMRTG	165,413	-	246,981	-	OWNYG = '100' or OWNYG = '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>
		ORGMRTG	120,000	-	162,662	-	OWNYG = '300'
		ORGMRTG	10,000	-	36,232	-	OWNYG = '400' or OWNYG = '500'
		MRTPMTG	2,000	-	3,209	-	-
		QBLNCM1G	144,908	-	206,306	-	'100' ≤ OWNYG ≤ '500'
		QBLNCM2G	144,383	-	204,628	-	'100' ≤ OWNYG ≤ '500'
		QBLNCM3G	143,856	-	204,453	-	'100' ≤ OWNYG ≤ '500'
		QPRINM1G	1,198	-	2,274	-	OWNYG = '100' or OWNYG = '200'
		QPRINM1G	433	-	783	-	OWNYG = '300'
		QPRINM1G	116	-	348	-	OWNYG = '400' or OWNYG = '500'
		QPRINM2G	1,152	-	1,891	-	OWNYG = '100' or OWNYG = '200'
		QPRINM2G	397	-	615	-	OWNYG = '300'
		QPRINM2G	117	-	350	-	OWNYG = '400' or OWNYG = '500'
		QPRINM3G	1,157	-	1,770	-	OWNYG = '100' or OWNYG = '200'
		QPRINM3G	399	-	641	-	OWNYG = '300'
		QPRINM3G	117	-	352	-	OWNYG = '400' or OWNYG = '500'
3. H.	OPH	JLCPRINX	13,732	-3,700	47,971	-7,118	OWNYH = '100' or OWNYH = '200'
		JLCPRINX	2,561	supp	3,214	supp	OWNYH = '300'
		JLCPRINX	1,497	-	14,166	-	OWNYH = '400' or OWNYH = '500'
3. I.	OPI	JFEETOTX	3,263	-	5,714	-	('100' ≤ OWNYY ≤ '30') AND REGFEECR = '01000'
		JFEETOTX	supp	-	supp	-	REGFEECR = '29000'
		QLR3MCMX	2,100	-	3,411	-	OWNYI = '100' or OWNYI = '200'
		QLR3MCMX	1,350	-	1,800	-	OWNYI = '300'
		QLMPSUMX	6,725	-	46,561	-	OWNYI = '100' or OWNYI = '200'
		QLMPSUMX	5,000	-	42,333	-	OWNYI = '300'
		QLMPSUMX	5,100	-	25,127	-	OWNYI = '400' or OWNYI = '500'
		RNTEQVX	3,000	-	4,674	-	OWNYI = '100'
		RNTEQVX	5,200	-	10,623	-	OWNYI = '300'
		RNTEQVX	3,000	-	5,606	-	OWNYI = '200' or '400' or '500'
		QSPCLX	supp	-	supp	-	SPFEECR='01000'
		QSPCLX	supp	-	supp	-	SPFEECR='29000'
11. B.	OVB	NETPURX	50,000	-	104,804	-	VEHICYB = '160'
11. C.	OVC	SALEX	7,000	-	27,667	-	VEHICYC = '160'
15. B.	MDB	MEDPMTX	490	-	1,687	-	MEDPCARY = '110'
		MEDPMTX	1,491	-	2,929	-	MEDPCARY = '200'
		MEDPMTX	2,000	-	5,800	-	MEDPCARY = '330'
		MEDPMTX	520	-	1,496	-	MEDPCARY = '410'
		MEDPMTX	400	-	1,064	-	MEDPCARY = '420'
		MEDPMTX	750	-	1,648	-	MEDPCARY = '510'
		MEDPMTX	7,473	-	7,668	-	MEDPCARY = '520'
		MEDPMTX	1,800	-	7,524	-	MEDPCARY = '530'
		MEDPMTX	226	-	317	-	MEDPCARY = '630'
		MEDPMTX	621	-	5,826	-	MEDPCARY = '640'
		MEDPMTX	415	-	515	-	MEDPCARY = '650'
		MEDPMTX	720	-	2,022	-	MEDPCARY = '660'
15. D.	MDC	MEDRMBX	400	-	1,531	-	MEDRCARY = '110'
		MEDRMBX	1,300	-	3,734	-	MEDRCARY = '200'
		MEDRMBX	2,500	-	6,160	-	MEDRCARY = '330'
		MEDRMBX	790	-	1,241	-	MEDRCARY = '410'
		MEDRMBX	1,500	-	3,913	-	MEDRCARY = '420'
		MEDRMBX	785	-	1,687	-	MEDRCARY = '510'
		MEDRMBX	2,232	-	3,105	-	MEDRCARY = '520'
		MEDRMBX	8,201	-	28,946	-	MEDRCARY = '530'
		MEDRMBX	47	-	192	-	MEDRCARY = '630'

<b>Survey Section</b>	<b>File name</b>	<b>Variable</b>	<b>Critical value +</b>	<b>Critical value -</b>	<b>Topcode value +</b>	<b>Topcode value -</b>	<b>Condition</b>
		MEDRMBX	127	-	207	-	MEDRCARY = '640'
		MEDRMBX	supp	-	supp	-	MEDRCARY = '650'
		MEDRMBX	150	-	382	-	MEDRCARY = '660'
16.	EDA	JEDUCNET	4,142	-	5,951	-	EDUC_AY = '310'
18.	TRV	LDGCOSTX	1,879	-	3,171	-	
<b>B&amp;C.</b>							
18. D.	TRD	TOTYUPDX	715	-	1,273	-	TOTYUPDY = '130'
18. E.	TRE	TRNONCUX	1,200	-	1,657	-	TRNONCUY = '130'
19. A	MIS	MISCEXPX	400	-	736	-	MISCCODE = '380'

## **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 2006, they are reporting expenditures for November and December of 2005, and January of 2006. This is illustrated in the rotation chart below. The period between November 1 and January 31 is referred to as the reference period for the interview.

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

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

The microdata files are organized and identified by collection period, i.e., the month of the interview. Thus, the MTAB file for the second quarter of 2006 contains expenditure data collected in interviews that took place in April, May, and June of 2006. Referring to the rotation chart, one can see that this MTAB file contains expenditures made between January 2006 and May 2006. Similarly, the MTAB file for the third quarter of 2006 (interviews conducted between July and September) contains expenditures made between April and August 2006. To obtain all expenditures made in January 2006, one should access the MTAB files for both the first and second quarters of 2006. The MTAB file for the first quarter of 2006 would contain January expenditures made by CUs interviewed in February and March 2006, while the MTAB file for the second quarter of 2006 would contain January expenditures made by CUs interviewed in April 2006.

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 2006 based on collection period, that is, from all interviews conducted in 2006, data users need data only from Q061 through Q064 files. However, to produce a 2006 annual estimate based on expenditures made in 2006 (calendar period), one needs to access five collection-quarter files, the first quarter of 2006 through the first quarter of 2007. (The estimates published by BLS are based on calendar periods that require the subsequent year's first quarter data).

The ITAB files are derived in a slightly different manner than MTAB. As was mentioned in the description of the ITAB file, the data on the file represents the conversion of annual and point-of-interview data into a monthly format compatible with MTAB. Looking at a CU interviewed in January 2006, as an example, nonfarm business income earned over the previous 12 months would be collected and recorded as such on the FMLY file. For the ITAB file, this annual amount would be divided by 12, and separate records would be created for October, November, and December each containing that amount.

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

In addition to its effect on the selection of data prior to estimation, this distinction between collection period and calendar period also directly affects the estimation procedure for producing means. In computing means based on data collected from all CUs interviewed in a given time frame (e.g., year, quarter, 8 months), the potential contribution of each CU to the mean is the same. That is each CU can contribute data from the entire reference period to the estimate. On the other hand, in computing means based on expenditures made in a given time frame, the potential contribution of each CU to the mean

varies depending on how closely the reference period for an interview coincides with the time frame desired. To see this more clearly, refer once again to the rotation chart. To compute a mean for expenditures made during the first quarter of the year, one would obtain data from CUs interviewed between February and June. However, their potential contributions to the mean are not equal. CUs interviewed in February only contribute 'one-third' of the expenditures they made during the reference period to the estimate (their January expenditures), while CUs interviewed in April contribute all their expenditures to the estimate.

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

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

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

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

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

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

This is particularly important where the user may have a choice between variables on two files that contain the same data adjusted to reflect different time periods. For instance, FMLY income data are annual covering the 12-month period prior to the collection month, whereas in ITAB these income data have been converted into monthly values. Selected demographic characteristic variables in the FMLY files contain values as of the date of interview. In the ITAB files, these values are treated as if they were "annual" amounts, and are converted to monthly records by dividing the values by 12. To illustrate each of these cases, the following example looks at a CU interviewed in April whose reference person is 60 years old at the time of interview and where CU income from wages and salaries over the previous 12 months is \$48,000.

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

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

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

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

## **2. ESTIMATION OF UNWEIGHTED STATISTICS**

### **a. AGGREGATE STATISTICS**

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

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

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

The user must be careful in interpreting what the aggregate represents because of the time period differences between variables on different files. For example, summing the COST field of MTAB records representing purchases for a UCC that occurred in a specific month will yield an aggregate monthly expenditure for that UCC. However, summing the value of a FMLY file variable such as

FSALARYM for all CUs interviewed in a specific month will yield an aggregate annual value for that variable.

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

## **b. MEANS**

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

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

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

The Interview survey is designed such that the CUs interviewed in each quarter represent one independent sample. Since there is one FMLY record for each sample CU, the national sample for the first quarter of 2006 is 7,786 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 2006. 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 2006). 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 2006 estimate would be based on data from interviews over five quarters. MO\_SCOPE would take on the following values:

Interview Month and Year									
	<b>2006</b>				<b>2006</b>				
	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
<b>MO_SCOPE</b>	0	1	2	3	3	3	3	3	3
			<b>2006</b>	<b>2007</b>		<b>2007</b>			
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>			
<b>MO_SCOPE</b>	3	3	3	3	2	1			

Summing MO\_SCOPE for each of the five quarters and dividing by 3 would yield a value of 1/3 the independent sample for the first quarter of 2006, 2/3 the independent sample for the first quarter of 2006, and one independent sample for the second, third, and fourth quarters of 2005. Summed over the five quarters, this represents 4 independent samples, so the result should be divided by 4 to get the correct sample size of one average independent sample. Thus, the general rule in computing sample size for deriving an annual calendar period estimate is to sum MO\_SCOPE over the five quarters and divide by 12.

## (ii) MEANS OF THOSE REPORTING

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

## 3. ESTIMATION OF WEIGHTED STATISTICS

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

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

## B. DESCRIPTION OF FORMULAS

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

### Definition of Terms:

Let

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

Then

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

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

### 1. **AGGREGATE EXPENDITURE ESTIMATES (UNWEIGHTED)**

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

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

or

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

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 CUs are assigned to each of the 44 replicates. The replicate weight variable contains a value greater than 0 for CUs assigned to that replicate. A value of missing is assigned to the weight variable for those CUs not included in a particular replicate.

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

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

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

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

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

and,

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

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

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 all consumer units in 2006 is \$6,111.16. The standard error for this estimate is \$60.78. 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 \$5,992.03 to \$6,230.29. We could conclude with 95 percent confidence that the true population mean expenditure for food for all consumer units in 2006 lies within the interval \$5,992.03 to \$6,230.29.

## 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 2006 mean expenditure estimate for apparel and services for CUs in the \$40,000 to \$49,999 income range is \$1,572.78 and the estimate for CUs in the \$50,000 to \$59,999 income range is \$1,981.05. The apparent difference between the two mean expenditures is \$408.27. The standard error on the estimate of \$1,572.78 is \$115.00 and the estimated standard error for \$1,981.05 is \$95.20.

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

$$\sqrt{((115.00)^2 + (95.20)^2)} = 149.29 \quad (2)$$

This means that the 95 percent confidence interval around the difference is from \$258.98 to \$557.56. Since this interval does not include zero, we can conclude with 95 percent confidence that the mean apparel and services expenditures for CUs in the \$50,000 to \$59,999 income range is different than the mean apparel and services expenditures for CUs in the \$40,000 to \$49,999 income range.

Analyses of the difference between two estimates can also be performed on nondisjoint sets of population, where one is a subset of the other. The formula for computing the standard error of the difference between two nondisjoint estimates is

$$S.E.(\bar{X}_1, \bar{X}_2) = \sqrt{(V(\bar{X}_1) + V(\bar{X}_2) - 2r(V(\bar{X}_1) * V(\bar{X}_2)))} \quad (3)$$

where

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

and where r is the correlation coefficient between  $\bar{X}_1$  and  $\bar{X}_2$ . The correlation coefficient is generally no greater than 0.2 for CE estimates.

## VII. MICRODATA VERIFICATION AND ESTIMATION METHODOLOGY

This section is designed to help users become familiar with the microdata files. The following program gives users a benchmark to verify that their copy of the CD-ROM contains valid data, illustrates the methodology CE uses in producing publication tables, and offers an example of coding to access the data and produce a sample table. The program is written in SAS and shows usage of the SAS data sets available on the SAS CD-ROM. A program written in SAS but utilizing the ASCII data sets is present on the ASCII CD-ROM but will not be referenced here. Refer to the output file on the CD to check output. (Note: CE data published by BLS may not match some values estimated using the microdata due to topcoding of data and CE publication programming methodology.) All variables and ranges referred to in the program are described in detail in Section III.F. DETAILED VARIABLE DESCRIPTIONS in this documentation.

This program produces a table of selected expenditures by income class of the CU. The first section of the program extracts the relevant variables from the FMLY files, while the second section extracts the expenditure and income data from the MTAB, ITAB and ITAB\_IMPUTED 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

<pre> 395  /* PROGRAM NAME:  CEX INTERVIEW SURVEY SAMPLE PROGRAM (SAS)          */ 396  /* LOCATION: D:\PROGRAMS   */ 397  /* FUNCTION: CREATE AN INTERVIEW SURVEY EXPENDITURE TABLE BY INCOME CLASS */ 398  /*          USING MICRODATA FROM THE BUREAU OF LABOR STATISTIC'S CONSUMER */ 399  /*          EXPENDITURE SURVEY.   */ 409  /* FOR SAS VERSION 8 OR HIGHER   */ 410  /*  */ 411  /****** 412  /*Enter Data Year*/ 413  %LET YEAR = XXXX; 414  /*enter location of the unzipped microdata file*/ 415  /*Be sure to keep the same file structure as on the CD*/ 416  %LET DRIVE = C:\XXXXSASCD; 417  /****** 418  /* STEP1: READ IN THE STUB PARAMETER FILE AND CREATE FORMATS          */ 419  /* ----- 420  /* 1 CONVERTS THE STUB PARAMETER FILE INTO A LABEL FILE FOR OUTPUT    */ 421  /* 2 CONVERTS THE STUB PARAMETER FILE INTO AN EXPENDITURE AGGREGATION FILE */ 422  /* 3 CREATES FORMATS FOR USE IN OTHER PROCEDURES                      */ 423  /****** 424 425 426  %LET YR1 = %SUBSTR(&amp;YEAR,3,2); 427  %LET YR2 = %SUBSTR(%EVAL(&amp;YEAR+1),3,2); 428 429  LIBNAME I&amp;YR1 "&amp;DRIVE.\INTRVW&amp;YR1"; NOTE: Libref I06 was successfully assigned as follows:       Engine:          V8       Physical Name:  \\ceis1\ods\UnitTest\Pubs\MicrodataTransfer\2006SASCD\INTRVW06 430 431 432  DATA STUBFILE (KEEP= COUNT TYPE LEVEL TITLE UCC SURVEY GROUP LINE); 433      INFILE "C:\XXXXSASCD\ISTUB&amp;YEAR..TXT" 434      PAD MISSOEVER; </pre>	<p>Sets the calendar year and drive used as macro variables that can be used throughout the program.</p> <p>Reads in the aggregation stub file and dynamically creates numbers associated with each expenditure line item.</p>
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<pre> 435 INPUT @1 TYPE \$1. @ 4 LEVEL \$1. @7 TITLE \$60. @70 UCC \$6. 436     @80 SURVEY \$1. @86 GROUP \$7.; 437 IF (TYPE = '1'); 438 IF GROUP IN ('CUCHARS' 'FOOD' 'EXPEND' 'INCOME'); 439 IF SURVEY = 'T' THEN DELETE; 440 441     RETAIN COUNT 9999; 442     COUNT + 1; 443     LINE = PUT(COUNT, \$5.)  LEVEL ; WARNING: Variable COUNT has already been defined as numeric. 444     /* READS IN THE STUB PARAMETER FILE AND CREATES LINE NUMBERS FOR UCCS */  445     /* A UNIQUE LINE NUMBER IS ASSIGNED TO EACH EXPENDITURE LINE ITEM */  446 RUN;  NOTE: The infile "C:\XXXXSASCD\ISTUB2006.TXT" is:       File Name=C:\XXXXSASCD\ISTUB2006.TXT,       RECFM=V,LRECL=256  NOTE: 1267 records were read from the infile "P:\Phase 4 Production (BIA)\Microdata\2006 Processing\Sample Programs\ISTUB2006.TXT".       The minimum record length was 0.       The maximum record length was 105. NOTE: The data set WORK.STUBFILE has 723 observations and 8 variables. NOTE: DATA statement used:       real time          0.06 seconds       cpu time           0.00 seconds  447 448 449 DATA AGGFMT1 (KEEP= UCC LINE LINE1-LINE10); 450 SET STUBFILE; 451 LENGTH LINE1-LINE10 \$6.; 452 ARRAY LINES(9) LINE1-LINE9; 453 IF (UCC &gt; 'A') THEN 454     LINES(SUBSTR(LINE,6,1)) = LINE; 455 RETAIN LINE1-LINE9; 456 IF (UCC &lt; 'A') THEN 457     LINE10 = LINE; 458 IF (LINE10); 459 /* MAPS LINE NUMBERS TO UCCS */ 460 RUN;  NOTE: Character values have been converted to numeric values at the places given by: (Line):(Column).       454:15  458:7 NOTE: There were 723 observations read from the data set WORK.STUBFILE. NOTE: The data set WORK.AGGFMT1 has 590 observations and 12 variables. NOTE: DATA statement used:       real time          0.01 seconds       cpu time           0.00 seconds  461 462 </pre>	<p>Note: This aggregation file can be modified to accommodate any customized aggregation scheme.</p> <p>One needs only to make sure that the column start positions in the file match the start positions in the input statement.</p> <p>Subsequent program steps manipulate the aggregation stub file into a dataset that associates UCCs with line numbers.</p>
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```

463 PROC SORT DATA= AGGFMT1 (RENAME=(LINE= COMPARE));
464 BY UCC;
465 RUN;

```

NOTE: There were 590 observations read from the data set WORK.AGGFMT1.

NOTE: The data set WORK.AGGFMT1 has 590 observations and 12 variables.

NOTE: PROCEDURE SORT used:

```

      real time          0.04 seconds
      cpu time           0.00 seconds

```

```

466
467
468 PROC TRANSPOSE DATA= AGGFMT1 OUT= AGGFMT2 (RENAME=(COL1= LINE));
469 BY UCC COMPARE;
470 VAR LINE1-LINE10;
471 RUN;

```

NOTE: There were 590 observations read from the data set WORK.AGGFMT1.

NOTE: The data set WORK.AGGFMT2 has 5900 observations and 4 variables.

NOTE: PROCEDURE TRANSPOSE used:

```

      real time          0.01 seconds
      cpu time           0.01 seconds

```

```

472
473
474 DATA AGGFMT (KEEP= UCC LINE);
475 SET AGGFMT2;
476 IF LINE;
477 IF SUBSTR(COMPARE,6,1) > SUBSTR(LINE,6,1) OR COMPARE=LINE;
478 /* AGGREGATION FILE. EXTRANEIOUS MAPPINGS ARE DELETED */
479 /* PROC SQL WILL AGGANGE LINE#/UCC PAIRS FOR USE IN PROC FORMAT */
480 RUN;

```

NOTE: Character values have been converted to numeric values at the places given by:  
(Line):(Column).

476:8

NOTE: There were 5900 observations read from the data set WORK.AGGFMT2.

NOTE: The data set WORK.AGGFMT has 2784 observations and 2 variables.

NOTE: DATA statement used:

```

      real time          0.01 seconds
      cpu time           0.01 seconds

```

```

481
482
483 PROC SQL NOPRINT;
484 SELECT UCC, LINE, COUNT(*)
485 INTO :UCCS SEPARATED BY " ",
486      :LINES SEPARATED BY " ",
487      :CNT
488 FROM AGGFMT;
NOTE: The query requires remerging summary statistics back with the original data.
489 QUIT;
NOTE: PROCEDURE SQL used:
      real time          0.07 seconds

```

<pre> cpu time          0.01 seconds  490 RUN; 491 492 493 %MACRO MAPPING; 494     %DO I = 1 %TO &amp;CNT; 495         "%SCAN(&amp;UCCS,&amp;I,%STR( ))" = "%SCAN(&amp;LINES,&amp;I,%STR( ))" 496     %END; 497 %MEND MAPPING; 498 499 500 DATA LBLFMT (RENAME=(LINE= START TITLE= LABEL)); 501     SET STUBFILE (KEEP= LINE TITLE); 502     RETAIN FMTNAME 'LBLFMT' TYPE 'C'; 503     /* LABEL FILE. LINE NUMBERS ARE ASSIGNED A TEXT LABEL */ 504     /* DATASET CONSTRUCTED TO BE READ INTO A PROC FORMAT */ 505 RUN;  NOTE: There were 723 observations read from the data set WORK.STUBFILE. NOTE: The data set WORK.LBLFMT has 723 observations and 4 variables. NOTE: DATA statement used:       real time          0.01 seconds       cpu time           0.01 seconds  506 507 508 PROC FORMAT; 509 510     VALUE \$AGGFMT (MULTILABEL) 511         %MAPPING 512         OTHER= 'OTHER'; NOTE: Format \$AGGFMT is already on the library. NOTE: Format \$AGGFMT has been output. 513     /* CREATE AGGREGATION FORMAT */ 514 515 516     VALUE \$INC (MULTILABEL) 517         '01' = '01' 518         '01' = '10' 519         '02' = '02' 520         '02' = '10' 521         '03' = '03' 522         '03' = '10' 523         '04' = '04' 524         '04' = '10' 525         '05' = '05' 526         '05' = '10' 527         '06' = '06' 528         '06' = '10' 529         '07' = '07' 530         '07' = '10' 531         '08' = '08' 532         '08' = '10' 533         '09' = '09' </pre>	<p>Creates a Dataset that can be used to associate titles with line numbers with a format procedure.</p> <p>Formats:</p> <p>Puts the aggregation scheme into a SAS format.</p> <p>Puts the income groupings into a SAS format.</p> <p>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.</p>
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<pre> 534      '09' = '10'; NOTE: Format \$INC is already on the library. NOTE: Format \$INC has been output. 535      /* CREATE INCOME CLASS FORMAT */ 536  RUN;  NOTE: PROCEDURE FORMAT used:       real time          27.34 seconds       cpu time           26.85 seconds  537 538 539  PROC FORMAT LIBRARY= WORK  CNTLIN= LBLFMT; NOTE: Format \$LBLFMT has been output. 540      /* CREATE LABEL FILE FORMATS */ 541  RUN;  NOTE: PROCEDURE FORMAT used:       real time          0.01 seconds       cpu time           0.01 seconds  NOTE: There were 723 observations read from the data set WORK.LBLFMT.  542 543 544      /***** 545      /* STEP2: READ IN ALL NEEDED DATA FROM THE CD-ROM          */ 546      /* ----- 547      /* 1 READ IN THE INTERVIEW FMLY FILES &amp; CREATE THE MO_SCOPE VARIABLE */ 548      /* 2 READ IN THE INTERVIEW MTAB AND ITAB FILES              */ 549      /* 3 MERGE FMLY AND EXPENDITURE FILES TO DERIVE WEIGHTED EXPENDITURES */ 550      *****/  551 552 553  DATA FMLY (KEEP = NEWID INCLASS WTREP01-WTREP44 FINLWT21 REPWT1-REPWT45); 554 555  SET I&amp;YR1..FMLI&amp;YR1.1X (IN = FIRSTQTR) 556      I&amp;YR1..FMLI&amp;YR1.2 557      I&amp;YR1..FMLI&amp;YR1.3 558      I&amp;YR1..FMLI&amp;YR1.4 559      I&amp;YR1..FMLI&amp;YR2.1  (IN = LASTQTR); 560  BY NEWID; 561      /* READ IN FMLY FILE DATA */ 562 563  IF FIRSTQTR THEN 564      MO_SCOPE = (QINTRVMO - 1); 565  ELSE IF LASTQTR THEN 566      MO_SCOPE = (4 - QINTRVMO); 567  ELSE </pre>	<p>Puts the titles into a SAS format for use in the final output.</p> <p>Reads in the necessary variables from the fmly files. Newid is the code given to a consumer unit each time it participates. Finlwt21 and Wtrep01-Wtrep44 are weight variables used to weight each consumer unit such that it represents some portion of the population. Inclass is a code that represents the range within which the consumer unit's annual income falls.</p> <p>Lines 563-568 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.</p>
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<pre> 568     MO_SCOPE = 3; 569     /* CREATE MONTH IN SCOPE VARIABLE (MO_SCOPE) */ 570 571     ARRAY REPS_A(45) WTREP01-WTREP44 FINLWT21; 572     ARRAY REPS_B(45) REPWT1-REPWT45; 573 574     DO i = 1 TO 45; 575     IF REPS_A(i) &gt; 0 THEN 576         REPS_B(i) = (REPS_A(i) * MO_SCOPE / 12); 577     ELSE REPS_B(i) = 0; 578     END; 579     /* ADJUST WEIGHTS BY MO_SCOPE TO ACCOUNT FOR SAMPLE ROTATION */ 580 RUN;  NOTE: Character values have been converted to numeric values at the places given by: (Line):(Column).       564:19   566:23 NOTE: There were 7786 observations read from the data set I06.FMLI061X. NOTE: There were 7009 observations read from the data set I06.FMLI062. NOTE: There were 6988 observations read from the data set I06.FMLI063. NOTE: There were 7084 observations read from the data set I06.FMLI064. NOTE: There were 6965 observations read from the data set I06.FMLI071. NOTE: The data set WORK.FMLY has 35832 observations and 92 variables. NOTE: DATA statement used:       real time           20.45 seconds       cpu time            2.79 seconds  581 582 583 584 DATA EXPEND (KEEP=NEWID UCC COST); 585 586 SET I&amp;YR1..MTBI&amp;YR1.1X 587     I&amp;YR1..MTBI&amp;YR1.2 588     I&amp;YR1..MTBI&amp;YR1.3 589     I&amp;YR1..MTBI&amp;YR1.4 590     I&amp;YR1..MTBI&amp;YR2.1 591 592     I&amp;YR1..ITBI&amp;YR1.1X (RENAME=(VALUE=COST)) 593     I&amp;YR1..ITBI&amp;YR1.2 (RENAME=(VALUE=COST)) 594     I&amp;YR1..ITBI&amp;YR1.3 (RENAME=(VALUE=COST)) 595     I&amp;YR1..ITBI&amp;YR1.4 (RENAME=(VALUE=COST)) 596     I&amp;YR1..ITBI&amp;YR2.1 (RENAME=(VALUE=COST)); 597 BY NEWID; 598 599 IF REFYR = "&amp;YEAR" OR REF_YR = "&amp;YEAR"; 600 IF UCC = '710110' THEN 601     COST = (COST * 4); 602 /* READ IN MTAB AND ITAB EXPENDITURE AND INCOME DATA */ 603 /* ADJUST UCC 710110 TO ANNUALIZE */ 604 RUN;  NOTE: There were 664349 observations read from the data set I06.MTBI061X. NOTE: There were 566693 observations read from the data set I06.MTBI062. NOTE: There were 578124 observations read from the data set I06.MTBI063. NOTE: There were 575481 observations read from the data set I06.MTBI064. </pre>	<p>NOTE: More information on mo_scope can be found in the ESTIMATION PROCEDURES section of this documentation.</p> <p>Lines 574-578 create weights that are mo_scope adjusted to account for sample rotation.</p> <p>Reads in all MTAB expenditure data and ITAB income data.</p> <p>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.</p> <p>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.</p> <p>UCC 710110 must be adjusted because only one-fourth of all consumer units interviewed in a quarter are asked this question (those in the 5<sup>th</sup> interview).</p>
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<p>NOTE: There were 583956 observations read from the data set I06.MTBI071.  NOTE: There were 438150 observations read from the data set I06.ITBI061X.  NOTE: There were 396375 observations read from the data set I06.ITBI062.  NOTE: There were 394824 observations read from the data set I06.ITBI063.  NOTE: There were 397476 observations read from the data set I06.ITBI064.  NOTE: There were 389463 observations read from the data set I06.ITBI071.  NOTE: The data set WORK.EXPEND has 3925693 observations and 3 variables.  NOTE: DATA statement used:  real time               16.04 seconds  cpu time                5.70 seconds</p> <p>605  606  607  608 DATA PUBFILE (KEEP = NEWID INCLASS UCC RCOST1-RCOST45);  609     MERGE FMLY     (IN = INFAM)  610         EXPEND (IN = INEXP);  611     BY NEWID;  612     IF INEXP AND INFAM;  613  614     IF COST = . THEN  615         COST = 0;  616  617         ARRAY REPS_A(45) WTREP01-WTREP44 FINLWT21;  618         ARRAY REPS_B(45) RCOST1-RCOST45;  619  620         DO i = 1 TO 45;  621             IF REPS_A(i) &gt; 0  622                 THEN REPS_B(i) = (REPS_A(i) * COST);  623                 ELSE REPS_B(i) = 0;  624         END;  625         /* MERGE FMLY FILE WEIGHTS AND CHARACTERISTICS WITH MTAB/ITAB COSTS */</p> <p>626         /* MULTIPLY COSTS BY WEIGHTS TO DERIVE WEIGHTED COSTS                 */</p> <p>627 RUN;</p> <p>NOTE: There were 35832 observations read from the data set WORK.FMLY.  NOTE: There were 3925693 observations read from the data set WORK.EXPEND.  NOTE: The data set WORK.PUBFILE has 3925693 observations and 48 variables.  NOTE: DATA statement used:  real time               3:07.67  cpu time                2:18.06</p> <p>628  629  630     /*****/</p> <p>631     /* STEP3: CALCULATE POPULATIONS   */</p> <p>632     /* -----   */</p> <p>633     /* 1 SUM ALL 45 WEIGHT VARIABLES TO DERIVE REPLICATE POPULATIONS             */</p> <p>634     /* 2 FORMAT FOR CORRECT COLUMN CLASSIFICATIONS                                 */</p>	<p>Merges the FMLY and EXPEND data sets together and changes missing cost values to zero.</p> <p>Weights the cost values by the 44 replicate weights and full sample weight. RCOST1-RCOST45 represents the weighted costs for each expenditure.</p>
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<pre> 635  /*****/ 636 637 638  PROC SUMMARY NWAY DATA=FMLY; 639    CLASS INCLASS / MLF; 640    VAR REPWT1-REPWT45; 641    FORMAT INCLASS \$INC.; 642    OUTPUT OUT = POP (DROP = _TYPE_ _FREQ_) SUM = RPOP1-RPOP45; 643    /* SUMS WEIGHTS TO CREATE POPULATIONS PER REPLICATE */ 644    /* FORMATS TO CORRECT COLUMN CLASSIFICATIONS */ 645  RUN;  NOTE: There were 35832 observations read from the data set WORK.FMLY. NOTE: The data set WORK.POP has 10 observations and 46 variables. NOTE: PROCEDURE SUMMARY used:       real time          3.07 seconds       cpu time           0.34 seconds  646 647 648 649  /*****/ 650  /* STEP4: CALCULATE WEIGHTED AGGREGATE EXPENDITURES */ 651  /* ----- */ 652  /* 1 SUM THE 45 REPLICATE WEIGHTED EXPENDITURES TO DERIVE AGGREGATES */ 653  /* 2 FORMAT FOR CORRECT COLUMN CLASSIFICATIONS AND AGGREGATION SCHEME */ 654  /*****/  655 656 657  PROC SUMMARY NWAY DATA=PUBFILE SUMSIZE=MAX COMPLETETYPES; 658    CLASS UCC INCLASS / MLF; 659    VAR RCOST1-RCOST45; 660    FORMAT UCC \$AGGFMT. INCLASS \$INC.; 661    OUTPUT OUT=AGG (DROP= _TYPE_ _FREQ_ RENAME=(UCC=LINE)) 662    SUM = RCOST1-RCOST45; 663    /* SUMS WEIGHTED COSTS PER REPLICATE TO GET AGGREGATES */ 664    /* FORMATS INCOME TO CREATE COMPLETE REPORTING COLUMN */ 665    /* FORMATS EXPENDITURES TO CORRECT AGGREGATION SCHEME */ 666  RUN;  NOTE: There were 3925693 observations read from the data set WORK.PUBFILE. NOTE: The data set WORK.AGG has 6780 observations and 47 variables. NOTE: PROCEDURE SUMMARY used:       real time          1:56.42       cpu time           1:39.23  667 </pre>	<p>The weights in the FMLY file are summed to create replicate populations and the full US population for each income class.</p> <p>Replicate populations (Repwt1-Repwt44) and the US population (Repwt45) are used as the denominator in means estimation.</p> <p>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.</p>
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<pre> 668 669 670  /***** 671  /* STEP5: CALCULATE MEAN EXPENDITURES                                */ 672  /* ----- 673  /* 1 READ IN POPULATIONS AND LOAD INTO MEMORY USING A 2 DIMENSIONAL ARRAY */ 674  /*  POPULATIONS ARE ASSOCIATED BY INCLASS(i), AND REPLICATE(j)          */ 675  /* 2 READ IN AGGREGATE EXPENDITURES FROM AGG DATASET                      */ 676  /*  CALCULATE MEANS BY DIVIDING AGGREGATES BY CORRECT SOURCE POPULATIONS */ 677  /* 4 CALCULATE STANDARD ERRORS USING REPLICATE FORMULA                  */ 678  *****/ 679 680 681 DATA TAB1 (KEEP = LINE MEAN SE); 682 683  /* READS IN POP DATASET. _TEMPORARY_ LOADS POPULATIONS INTO SYSTEM MEMORY */ 684  ARRAY POP{01:10,45} _TEMPORARY_; 685  IF _N_ = 1 THEN DO i = 1 TO 10; 686      SET POP; 687      ARRAY REPS(45) RPOP1-RPOP45; 688      DO j = 1 TO 45; 689          POP{INCLASS,j} = REPS(j); 690      END; 691  END; 692 693  /* READS IN AGG DATASET AND CALCULATES MEANS BY DIVIDING BY POPULATIONS */ 694  SET AGG (KEEP = LINE INCLASS RCOST1-RCOST45); 695  ARRAY AGGS(45) RCOST1-RCOST45; 696  ARRAY AVGS(45) MEAN1-MEAN44 MEAN; 697  DO k = 1 TO 45; 698      IF AGGS(k) = . THEN AGGS(k) = 0; 699      AVGS(k) = AGGS(k) / POP{INCLASS,k}; 700  END; 701 702  /* CALCULATES STANDARD ERRORS USING REPLICATE FORMULA */ 703  ARRAY RMNS(44) MEAN1-MEAN44; 704  ARRAY DIFF(44) DIFF1-DIFF44; 705  DO n = 1 TO 44; 706      DIFF(n) = (RMNS(n) - MEAN)**2; 707  END; 708  SE = SQRT((1/44)*SUM(OF DIFF(*))); 709  RUN;  NOTE: Character values have been converted to numeric values at the places given by:       (Line):(Column).       689:13   699:33 </pre>	<p>This data step calculates means and standard errors:</p> <p>Lines 684-691 reads in the column populations and stores them into temporary memory. Populations in memory are associated with INCLASS(i), and REPLICATE(j).</p> <p>Line 694 reads in the aggregated expenditures.</p> <p>Lines 697-700 calculates means by dividing the aggregate expenditures by the appropriate populations in memory as determined by INCLASS and REPLICATE.</p> <p>Lines 705-708 calculates standard errors using the replicate weight formula.</p>
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<pre> NOTE: There were 10 observations read from the data set WORK.POP. NOTE: There were 6780 observations read from the data set WORK.AGG. NOTE: The data set WORK.TAB1 has 6780 observations and 3 variables. NOTE: DATA statement used:       real time          5.43 seconds       cpu time           0.90 seconds  710 711 712 713  /****** / 714  /* STEP6: TABULATE EXPENDITURES                                */ 715  /* ----- */ 716  /* 1 ARRANGE DATA INTO TABULAR FORM                            */ 717  /* 2 SET OUT INTERVIEW POPULATIONS FOR POPULATION LINE ITEM     */ 718  /* 3 INSERT POPULATION LINE INTO TABLE                         */ 719  /* 4 INSERT ZERO EXPENDITURE LINE ITEMS INTO TABLE FOR COMPLETENESS */ 720  /****** / 721 722 723  PROC TRANSPOSE DATA=TAB1 OUT=TAB2 724    NAME = ESTIMATE PREFIX = INCLASS; 725    BY LINE; 726    VAR MEAN SE; 727    /*ARRANGE DATA INTO TABULAR FORM */ 728  RUN;  NOTE: There were 6780 observations read from the data set WORK.TAB1. NOTE: The data set WORK.TAB2 has 1356 observations and 12 variables. NOTE: PROCEDURE TRANSPOSE used:       real time          0.12 seconds       cpu time           0.04 seconds  729 730 731  PROC TRANSPOSE DATA=POP (KEEP = RPOP45) OUT=CUS 732    NAME = LINE PREFIX = INCLASS; 733    VAR RPOP45; 734    /* SET ASIDE POPULATIONS FROM INTERVIEW */ 735  RUN;  NOTE: There were 10 observations read from the data set WORK.POP. NOTE: The data set WORK.CUS has 1 observations and 11 variables. NOTE: PROCEDURE TRANSPOSE used:       real time          0.07 seconds       cpu time           0.00 seconds </pre>	<p>Arranges output for tabulation. This will give a rough expenditure table.</p> <p>All populations are put into dataset POP. A special dataset, CUS, is created specifically for inserting the full US population into the output.</p>
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<pre> 736 737 738 DATA TAB3; 739 SET CUS TAB2; 740 IF LINE = 'RPOP45' THEN DO; 741     LINE = '100001'; 742     ESTIMATE = 'N'; 743 END; 744 /* INSERT POPULATION LINE ITEM INTO TABLE AND ASSIGN LINE NUMBER */ 745 RUN;  NOTE: There were 1 observations read from the data set WORK.CUS. NOTE: There were 1356 observations read from the data set WORK.TAB2. NOTE: The data set WORK.TAB3 has 1357 observations and 12 variables. NOTE: DATA statement used:       real time          0.09 seconds       cpu time           0.00 seconds </pre>	<p>Population totals per income class are inserted into the output.</p>
<pre> 746 747 748 DATA TAB; 749 MERGE TAB3 STUBFILE; 750 BY LINE; 751 IF LINE NE '100001' THEN DO; 752     IF SURVEY = 'S' THEN DELETE; 753 END; 754 ARRAY CNTRL(10) INCLASS1-INCLASS10; 755 DO i = 1 TO 10; 756     IF CNTRL(i) = . THEN CNTRL(i) = 0; 757     IF SUM(OF CNTRL(*)) = 0 THEN ESTIMATE = 'MEAN'; 758 END; 759 760 IF GROUP IN ('CUCHARS' 'INCOME') THEN DO; 761     IF LAG(LINE) = LINE THEN DELETE; 762 END; 763 /* MERGE STUBFILE BACK INTO TABLE TO INSERT EXPENDITURE LINES */ 764 /* THAT HAD ZERO EXPENDITURES FOR THE YEAR */ 765 RUN;  NOTE: There were 1357 observations read from the data set WORK.TAB3. NOTE: There were 723 observations read from the data set WORK.STUBFILE. NOTE: The data set WORK.TAB has 1316 observations and 20 variables. NOTE: DATA statement used:       real time          0.20 seconds       cpu time           0.04 seconds </pre>	<p>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.</p>
<pre> 766 767 768 PROC TABULATE DATA=TAB; 769 CLASS LINE / GROUPINTERNAL ORDER=DATA; 770 CLASS ESTIMATE; 771 VAR INCLASS1-INCLASS10; 772 FORMAT LINE \$LBLFMT.; 773 </pre>	<p>Tabulate the data. Line numbers are formatted to give titles.</p>

774	TABLE (LINE * ESTIMATE), (INCLASS10 INCLASS1 INCLASS2 INCLASS3 INCLASS4	
775	INCLASS5 INCLASS6 INCLASS7 INCLASS8 INCLASS9)	
776	*SUM=' ' / RTS=25;	
777	LABEL ESTIMATE=ESTIMATE LINE=LINE	
778	INCLASS1='LESS THAN \$5,000' INCLASS2='\$5,000 TO \$9,999'	
779	INCLASS3='\$10,000 TO \$14,999' INCLASS4='\$15,000 TO \$19,999'	
780	INCLASS5='\$20,000 TO \$29,999' INCLASS6='\$30,000 TO \$39,999'	
781	INCLASS7='\$40,000 TO \$49,999' INCLASS8='\$50,000 TO \$69,999'	
782	INCLASS9='\$70,000 AND OVER' INCLASS10='ALL CONSUMER UNITS';	
783	OPTIONS NODATE NOCENTER NONUMBER LS=167 PS=MAX;	
784	WHERE LINE NE 'OTHER';	
785	TITLE "INTERVIEW EXPENDITURES FOR &YEAR BY INCOME BEFORE TAXES";	
786	RUN;	
NOTE: There were 1314 observations read from the data set WORK.TAB. WHERE LINE not = 'OTHER';		

## B. OUTPUT

Sample program output is stored as a separate file in the Programs folder on the CD.

## VIII.DESCRPTION OF THE SURVEY

The CE program consists of two separate components, each with its own questionnaire and independent sample:

1) An Interview panel survey in which each CU in the sample is interviewed once every 3 months over five consecutive quarters to obtain a year's worth of data. New panels are initiated every month of the year.

2) A Diary or recordkeeping survey completed by the sample CUs for two consecutive 1-week periods; the sample is surveyed across a 12-month period.

Data are collected by the Bureau of the Census under contract with BLS. All data collected in both surveys are subject to Bureau of the Census confidentiality requirements, which prevent the disclosure of any CU member's identity.

The quarterly Interview survey is designed to collect data on major items of expense which respondents can be expected to recall for 3 months or longer. In practice, the Interview survey collects detailed data on an estimated 60 to 70 percent of total household expenditures. In addition, global estimates are obtained for food and other selected items. These global estimates account for an additional 20 to 25 percent of total expenditures. The Interview survey does not collect expenses for housekeeping supplies, personal care products, and nonprescription drugs, which contribute about 5 to 15 percent of total expenditures. Thus, up to 95 percent of total expenditures are covered in the Interview survey. Household characteristics, income, and financial data are also collected. At BLS, each quarter of data is processed independently from other quarters. Thus the annual estimates published by BLS are not dependent on the participation of a CU for the full five interviews.

The initial interview collects demographic and family characteristics data. 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 solely for bounding purposes, 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. THE US CENSUS BUREAU 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.

All interviews are sent electronically to the Census Bureau headquarters in Suitland, MD, where they pass through basic quality checks of control counts, missing values, etc. Also, missing sections of questionnaires, and certain inconsistencies and errors are identified and corrected. The data are then electronically transmitted to BLS in Washington, DC.

An input file is created by the Census Bureau when the data are electronically sent to BLS. The input file is used in the next quarter's interview to prevent the recording of duplicate reports by respondents. The input file also contains data collected in the first interview about owned property, vehicles, and insurance policies. Because the input file contains this data, only updates and new records are collected about owned property, vehicles, and insurance policies in the second through fifth interviews.

## **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. Any errors discovered 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 assets are subject to imputation. Allocation routines are applied when respondents provide insufficient expenditure detail to meet tabulation requirements. For example, reports of combined expenditures for fuels and utilities are allocated among gas, electricity, and other items in this group. While not strictly an allocation routine, another adjustment separates mortgage and vehicle loan payments into principal and interest components using associated data on the interest rate and term of the loan. Another adjustment is done to prepare the data for the production of calendar year estimates. Time adjustment routines are used to classify expenditures by month. Aggregation can then be done at a monthly level, permitting the production of monthly, quarterly, annual, and other interval estimates. To analyze the effects of these adjustments, tabulations are made before and after the data adjustments. At this point, processing activities are completed and the database is ready for use.

## **X. SAMPLING STATEMENT**

### **A. SURVEY SAMPLE DESIGN**

Samples for the CE are national probability samples of households designed to be representative of the total U.S. civilian population. Eligible population includes all civilian noninstitutional persons.

The first step in sampling is the selection of primary sampling units (PSUs), which consist of counties (or parts thereof) or groups of counties. The set of sample PSUs used for the 2006 and 2007 samples is composed of 91 areas. The design classifies the PSUs into four categories:

- 21 "A" certainty PSUs are Metropolitan Statistical Areas (MSA's) with a population greater than 1.5 million.
- 38 "X" PSUs, are medium-sized MSA's.
- 16 "Y" PSUs are nonmetropolitan areas that are included in the CPI.
- 16 "Z" 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 2006 survey is generated from the 2000 Census of Population 100-percent-detail file. The sampling frame is augmented by new construction permits and by techniques used to eliminate recognized deficiencies in census coverage. All Enumeration Districts (EDs) from the Census that fail to meet the criterion for good

addresses for new construction, and all EDs in nonpermit-issuing areas are grouped into the area segment frame. Interviewers are then assigned to list these areas before a sample is drawn.

To the extent possible, an unclustered sample of units is selected within each PSU. This lack of clustering is desirable because the sample size of the Diary Survey is small relative to other surveys, while the intraclass correlations for expenditure characteristics are relatively large. This suggests that any clustering of the sample units could result in an unacceptable increase in the within-PSU variance and, as a result, the total variance.

The Interview Survey is a panel rotation survey. Each panel is interviewed for five consecutive quarters and then dropped from the survey. As one panel leaves the survey, a new panel is introduced. Approximately 20 percent of the addresses are new to the survey each month.

## B. COOPERATION LEVELS

The Interview Survey is a rotating panel survey in which approximately 11,000 sample units are contacted each calendar quarter. Allowing for bounding interviews and nonresponse (including vacancies), the number of participating sample units per quarter is targeted at approximately 7,800. Information on interview participation levels for the past five years follows.

Year	Consumer units designated for the survey	Type B or C ineligible cases	<i>Eligible housing unit interviews</i>			Response Rate for Eligible Interviews
			Number of potential interviews	Type A nonresponse	Total respondent interviews	
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%
2004	50,509	9,626	40,883	9,798	31,085	76.0%
2005	49,242	9,254	39,988	10,184	29,804	74.5%
2006	46,789	9,080	37,709	8,842	28,867	76.6%

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.

### Geographic regions

CUs are classified by region according to the address at which they reside during the time of participation in the survey. The regions comprise the following States:

*Northeast* - Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont

*Midwest* - Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin

*South* - Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia

West - Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming

## XIII.APPENDIX 2 -- UNIVERSAL CLASSIFICATION CODE (UCC) TITLES

\*L denotes UCCs that could have negative values. Medical care UCCs have negative values if they are reimbursements. Reduction in loan principal UCCs are all negative for programming convenience. However, they are considered positive expenditures in CE publications.

Underlined UCCs represent either a new UCC or a deleted UCC. Please note that new UCCs may not be represented in all quarters. The quarter in which the addition (deletion) occurs is denoted by a leading superscript directly prior to the UCC code. For example, <sup>N(D)061</sup>(UCC) identifies a new (deleted) UCC beginning in Q061.

### A. EXPENDITURE UCCS ON MTAB FILE

002120	Other non-health insurance
006001	Total amount owed to creditors, 2nd interview
006002	Total amount owed to creditors, 5th interview
*L 006003	Total amount owed to creditors, 2nd interview, asked first quarter, current year (2006)
*L 006004	Total amount owed to creditors, 5th interview, asked first quarter, current year (2006)
006005	Total amount owed to creditors, 2nd interview, asked first quarter, current year + 1 (2007)
006006	Total amount owed to creditors, 5th interview, asked first quarter, current year +1 (2007)
190901	Food or board at school
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 includeng 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  
 250911 Other fuels – renter  
 250912 Other fuels – owned home  
 250913 Other fuels – owned vacation home  
 250914 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  
 D062 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  
 310140 Televisions  
 310210 VCR, video disc player, video camera, and camcorder  
 310220 Video cassettes, tapes, and discs  
 310230 TV computers games and computer game software  
 310240 Streaming or downloaded video files  
 310311 Radio  
 310313 Tape recorder and player  
 310314 Digital audio players  
 310320 Sound components, component systems, and compact disc sound systems  
 310333 Accessories and other sound equipment including phonographs  
 310334 Satellite dishes  
 310340 Records, CDs, audio tapes  
 310350 Streaming or downloaded audio files  
 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  
 480212 Vehicle products and services  
 480213 Vehicle parts, equipment, and accessories  
 480214 Vehicle audio equipment excluding labor  
 480215 Vehicle video equipment  
 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
- 490900 Auto repair service policy
- 500110 Vehicle insurance
- 510110 Automobile finance charges
- 510901 Truck or van finance charges
- 510902 Motorcycle finance charges
- D061 520110 State or local vehicle registration
- D061 520111 State vehicle registration
- D061 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
- 520541 Tolls or electronic toll passes
- 520542 Tolls on out-of-town trips
- 520550 Towing charges (excl. contracted or pre-paid)
- 520560 Global positioning services
- 520901 Docking and landing fees for boats and planes
- 520902 Motorcycle, motor scooter, or moped rental
- D061 520903 Aircraft rental
- 520904 Rental of non camper-type trailer, such as for boat or cycle
- 520905 Same as 520902 – out-of-town trips
- D061 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)

570111 Hospital room and services

\*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)

580400 Long Term Care insurance

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)

N062 580907 Medicare Prescription Drug premium

590220 Books through book clubs

590230 Books not through book clubs

590310 Magazine or newspaper subscription

590410 Magazine or newspaper, single copy

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, arts, crafts, 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  
 620930 Online entertainment and games  
 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  
 D062 660900 Same as 660110 – day care center, nursery school, and other schools  
 N062 660901 School books, supplies, and equipment for day care centers and nursery schools  
 N062 660902 School books, supplies, and equipment for 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  
 680904 Dating services  
 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  
 690115 Personal digital assistants  
 690116 Internet services away from home  
 690210 Telephone answering devices  
 690230 Typewriters and other office machines for non-business use  
 690241 Purchases and rentals of smoke alarms and detectors – renter  
 690242 Same as 690241 – owned home  
 690243 Same as 690241 – owned vacation home  
 690244 Other household appliances – renter  
 690245 Same as 690244 – homeowner  
 700110 Life, endowment, annuities, and other insurance policies providing death benefits  
 710110 Finance charges, excluding mortgage and vehicles  
 790210 Total purchases at grocery stores  
 790220 Food and nonalcoholic beverage purchases at grocery stores  
 790230 Food and nonalcoholic beverage purchases at convenience or specialty stores  
 790310 Beer and wine for home use  
 790320 Other alcoholic beverages for home use  
 790410 Dining out at restaurants, cafeterias, drive-ins, etc. (excluding alcoholic beverages)  
 790420 Alcoholic beverages at restaurants, cafeterias, drive-ins, etc.  
 790430 School meals for preschool and school age children  
 790600 Same as 220111, 1220121, 220211, 220311, 220313, 220321, 210901, 250111-260211, 270211-270904, incl. management fees for these services – other properties; contractors' labor and material costs, and cost of supplies rented for jobs considered replacement or maintenance/repair – other properties; cost of supplies purchased for jobs considered replacement or maintenance/repair, excl. dwellings and additions being built, and termite and pest control – other properties  
 790610 Contractors' labor and material costs, cost of supplies rented or purchased for jobs considered addition, alteration or new construction – other properties  
 790611 Same as 220612 – other properties  
 790620 Management fees for capital improvements – other properties  
 790630 Special assessments for services and capital improvements – other properties  
 790640 Same as 790620 for management, security, and parking – other properties  
 790690 Cost of supplies purchased for dwellings and additions being built, finishing basement or attic, remodeling rooms, building outdoor patios, driveways, or permanent swimming pools – jobs not yet started – renter  
 790710 Purchase price of property excluding cost of common areas – other properties  
 790730 Closing costs – other properties  
 \*L 790810 Selling price or trade-in value – other properties  
 790830 Total selling expenses – other properties  
 \*L 790910 Special or lump-sum mortgage payments – other properties  
 \*L 790920 Reduction of mortgage principal – other properties  
 790930 Original mortgage amount (mortgage obtained during current quarter's interview) – other properties  
 790940 Reduction of principal on lump sum home equity loan – other properties  
 790950 Original amount of lump sum home equity loan – other properties (loan obtained during current quarter's interview)  
 800111 Alimony expenditures  
 800121 Child support expenditures  
 800700 Meals received as pay  
 800710 Rent received as pay  
 800721 Market value of owned home

800804 Support for college students  
 800811 Gifts to non-CU members of stocks, bonds, mutual funds  
 800821 Cash contributions to charities, other organizations  
 800831 Cash contributions to churches or religious organizations  
 800841 Cash contributions to educational institutions  
 800851 Cash contributions to political organizations  
 800861 Other cash gifts  
 810101 Purchase price of property excluding cost of common areas – owned home  
 810102 Purchase price of property excluding cost of common areas – owned vacation home  
 810301 Closing costs – owned home  
 810302 Closing costs – owned vacation home  
 810400 Trip expenses for persons outside the CU  
 \*L 820101 Selling price or trade-in value – owned home  
 \*L 820102 Selling price or trade-in value – owned vacation home  
 820301 Total selling expenses – owned home  
 820302 Total selling expenses – owned vacation home  
 \*L 830101 Special or lump-sum mortgage payments – owned home  
 \*L 830102 Special or lump-sum mortgage payments – owned vacation home  
 \*L 830201 Reduction of mortgage principal – owned home; portion of management fees for repayment of loans in coops (non-vacation)  
 \*L 830202 Same as 830201 – owned vacation home; vacation coops  
 \*L 830203 Reduction of principal on lump sum home equity loan – owned home  
 \*L 830204 Reduction of mortgage principal, lump sum home equity loan – owned vacation home  
 830301 Original mortgage amount (mortgage obtained during current quarter's interview) – owned home  
 830302 Original mortgage amount (mortgage obtained during current quarter's interview) – owned vacation home  
 830303 Original amount of lump sum home equity loan (loan obtained during current quarter's interview) – owned home  
 830304 Original amount of lump sum home equity loan (loan obtained during current quarter's interview) – owned vacation home  
 840101 Amount for special assessment for roads, streets, or similar purposes not included in property tax – owned home  
 840102 Amount for special assessment for roads, streets, or similar purposes not included in property tax – owned vacation home  
 \*L 850100 Reduction of principal on vehicle loan  
 850200 Amount borrowed excluding interest on vehicle loan  
 850300 Finance charges on other vehicles  
 \*L 860100 Amount automobile sold or reimbursed  
 \*L 860200 Amount truck or van sold or reimbursed  
 \*L 860301 Amount motorized camper sold or reimbursed  
 \*L 860302 Amount other vehicle sold or reimbursed  
 \*L 860400 Amount trailer-type or other attachable-type camper sold or reimbursed  
 \*L 860500 Amount motorcycle, motor scooter, or moped sold or reimbursed  
 \*L 860600 Amount boat with motor sold or reimbursed  
 \*L 860700 Amount boat without motor or non camper-type trailer, such as for or cycle sold or reimbursed  
 870101 New cars, trucks, or vans (net outlay), purchase not financed  
 870102 Cash downpayment for new cars, trucks, or vans, purchase financed  
 870103 Finance charges on loans for new cars, trucks, or vans  
 870104 Principal paid on loans for new cars, trucks, or vans  
 870201 Used cars, trucks, or vans (net outlay), purchase not financed  
 870202 Cash downpayment for used cars, trucks, or vans, purchase financed  
 870203 Finance charges on loans for used cars, trucks, or vans  
 870204 Principal paid on loans for used cars, trucks, or vans  
 870301 Motorcycles, motor scooters, or mopeds (net outlay), purchase not financed

870302 Cash downpayment for motorcycles, motor scooters, or mopeds, purchase financed  
 870303 Finance charges on loans for motorcycles, motor scooters, or mopeds  
 870304 Principal paid on loans for motorcycles, motor scooters, or mopeds  
 870401 Boat without motor or non camper-type trailer, such as for boat or cycle (net outlay), purchase not financed  
 870402 Cash downpayment for boat without motor, or non camper-type trailer, such as for boat or cycle, purchase financed  
 870403 Finance charges on loans for boat without motor or non camper-type trailer, such as for boat or cycle  
 870404 Principal paid on loans for boat without motor, or non camper-trailer, such as for boat or cycle  
 870501 Trailer-type or other attachable-type camper (net outlay), purchase not financed  
 870502 Cash downpayment for trailer-type or other attachable-type camper, purchase financed  
 870503 Finance charges on loans for trailer-type or other attachable-type camper  
 870504 Principal paid on loans for trailer-type or other attachable-type camper  
 870605 Purchase of motorized camper, not financed  
 870606 Principal, motorized camper, financed  
 870607 Interest, motorized camper, financed  
 870608 Downpayment, motorized camper, financed  
 870701 Boat with motor (net outlay), purchase not financed  
 870702 Cash downpayment for boat with motor, purchase financed  
 870703 Finance charges on loans for boat with motor  
 870704 Principal paid on loans for boat with motor  
 870801 Purchase of other vehicle, not financed  
 870802 Principal, other vehicle, financed  
 870803 Interest, other vehicle, financed  
 870804 Downpayment, other vehicle, financed  
 880110 Interest on line of credit home equity loan – owned home  
 \*L 880120 Reduction of principal on line of credit home equity loan – owned home  
 880210 Interest on line of credit home equity loan – other properties  
 \*L 880220 Reduction of principal on line of credit home equity loan – other properties  
 880310 Interest on line of credit home equity loan – owned vacation home  
 \*L 880320 Reduction of principal on line of credit home equity loan – owned vacation home  
 900002 Occupational expenses  
 910042 Monthly transit subsidy amount  
 910050 Rental equivalence of owned home  
 910100 Rental equivalence of owned vacation home  
 990900 Rental and installation of dishwasher, disposal, and range hood  
 990920 Cost of supplies purchased for dwellings and additions being built, finishing basement or attic, remodeling rooms, or building outdoor patios, walks, fences, driveways or swimming pools - renter  
 990930 Cost of supplies purchased finishing basement or attic, remodeling rooms or building outdoor patios, walks, fences, driveways or swimming pools for jobs considered maintenance/repair - owner  
 990940 Same as 990930 - owned vacation home  
 990950 Contractors' labor and material costs, and cost of supplies rented for dwellings and additions being built - other properties

## **B. INCOME AND RELATED UCCS ON ITAB FILE**

001000 Purchase price of stocks, bonds, or mutual funds including broker fees  
 \*L 001010 Sale price of stocks, bonds, and mutual funds, net  
 001210 Investments to farm or business

- \*L 001220 Assets taken from farm and business
- \*L 002010 Change in savings account
- \*L 002020 Change in checking account
- \*L 002030 Change in amount held in U.S. savings bonds
- \*L 003000 Change in money owed to CU
- \*L 003100 Amount received in settlement on surrender of insurance policies
  - 800910 Payroll deductions for government retirement
  - 800920 Payroll deductions for railroad retirement
  - 800931 Payroll deductions for private pensions
  - 800932 Non-payroll deposit to individual retirement plan
  - 800940 Payroll deductions for Social Security
  - 900000 Wages and salaries
- \*L 900010 Net business income
- \*L 900020 Net farm income
  - 900030 Social Security and railroad retirement income
  - 900040 Pensions and annuities
  - 900050 Dividends, royalties, estates or trusts
- \*L 900060 Income from roomers and boarders
- \*L 900070 Other rental income
  - 900080 Interest from savings accounts or bonds
  - 900090 Supplemental security income
  - 900100 Unemployment compensation
  - 900110 Workers' compensation and veterans payments including education
  - 900120 Public assistance or welfare including money received from job training grants such as Job Corps
  - 900131 Child support payments received (regular)
  - 900132 Other regular contributions received including alimony
  - 900140 Other income including money received from care of foster children, cash scholarships and fellowships or stipends not based on working
  - 900150 Food stamps
- 910000 Lump sum payments from estates, trusts, royalties, alimony, child support, prizes or games of chance or from persons outside CU
  - 910010 Money from sale of household furnishings, equipment, clothing, jewelry, pets or other belongings, excluding the sale of vehicles or property
  - 910020 Overpayment on Social Security
  - 910030 Refund from insurance policies
  - 910040 Refunds from property taxes
  - 910041 Lump sum child support payments received
- 920010 Market value of savings accounts
- 920020 Market value of checking accounts, brokerage accounts and other similar accounts
- 920030 Market value of U.S. savings bonds
- 920040 Market value of stocks, bonds, mutual funds and other such securities
- D062 950000 Federal income tax
  - \*L 950001 Federal income tax refunds
- N062 950002 Federal income tax - deducted
- N062 950003 Additional federal income tax paid
- D062 950010 State and local income tax
  - \*L 950011 State and local income tax refunds
- N062 950012 State and local income tax – deducted
- N062 950013 Additional state and local income tax paid
  - 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  
 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  
 980290 Percent reference person with elementary education  
 980300 Percent reference person with high school education  
 980310 Percent reference person with college education  
 980320 Percent reference person with no education/other  
 980330 Percent vehicle owner  
 980340 Percent of CUs with at least one leased auto, truck, or van  
 980350 Percent of CUs with at least one owned or leased vehicle  
 980360 Number of vehicles leased

## **XIV.APPENDIX 3 -- UCC AGGREGATION**

The Istub file in the Programs folder on the CD shows the UCC aggregation used in the sample program. New and used aircraft purchases are not on the microdata files for confidentiality reasons. They are included in the published CE tables so transportation estimates based on these data may vary slightly from BLS published tables.

## **XV.APPENDIX 4 -- FMLY AND MEMB VARIABLES ORDERED BY START POSITION**

This appendix lists FMLY and MEMB variables in the order that they appear on the files. Sections III.F.1. CONSUMER UNIT (CU) CHARACTERISTICS AND INCOME FILE (FMLY) and III.F.2. MEMBER CHARACTERISTICS AND INCOME (MEMB) FILE contain detailed descriptions of these variables arranged on a functional basis.

### **A. FMLY FILE**

Variable	Start Position	Variable	Start Position	Variable	Start Position
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NEWID	1	COMPSECX	198	FSSIX_	414
DIRACC	9	COMP_ECX	206	GOVTCOST	421
DIRACC_	10	CUTENURE	216	GOVT_OST	422
AGE_REF	11	CUTE_URE	217	HLFBATHQ	423
AGE_REF_	13	EARNCOMP	221	HLFB_THQ	426
AGE2	14	EARN_OMP	222	INC_HRS1	427
AGE2_	16	EDUC_REF	233	INC__RS1	430
AS_COMP1	26	EDUC0REF	235	INC_HRS2	431
AS_C_MP1	28	EDUCA2	236	INC__RS2	434
AS_COMP2	29	EDUCA2_	238	INC_RANK	435
AS_C_MP2	31	FAM_SIZE	242	INC__ANK	445
AS_COMP3	32	FAM__IZE	244	INCLOSSA	456
AS_C_MP3	34	FAM_TYPE	245	INCL_SSA	464
AS_COMP4	35	FAM__YPE	246	INCLOSSB	465
AS_C_MP4	37	FAMTFEDX	247	INCL_SSB	473
AS_COMP5	38	FAMT_EDX	255	INCNONW1	474
AS_C_MP5	40	FEDRFNDX	256	INCN_NW1	475
BATHRMQ	41	FEDR_NDX	264	INCNONW2	476
BATHRMQ_	44	FEDTAXX	265	INCN_NW2	477
BEDROOMQ	45	FEDTAXX_	273	INCOMEY1	478
BEDR_OMQ	48	FFRMINCX	274	INCO_EY1	479
BLS_URBN	49	FFRM_NCX	283	INCOMEY2	480
BSINVSTX	50	FGOVRETX	284	INCO_EY2	481
BSIN_STX	60	FGOV_ETX	292	INCWEEK1	482
BUILDING	61	FINCATAX	293	INCW_EK1	484
BUIL_ING	63	FINCAT_X	302	INCWEEK2	485
CKBKACTX	85	FINCBTAX	303	INCW_EK2	487
CKBK_CTX	95	FINCBT_X	312	INSRFNDX	488
COMPBND	143	FINDRETX	313	INSR_NDX	496
COMPBND_	144	FIND_ETX	321	INTEARNX	497
COMPBNDX	145	FININCX	322	INTE_RNX	505
COMP_NDX	153	FININCX_	330	MISCTAXX	515
COMPCKG	154	FINLWT21	331	MISC_AXX	523
COMPCKG_	155	FJSSDEDX	342	LUMPSUMX	527
COMPCKGX	156	FJSS_EDX	350	LUMP_UMX	535
COMP_KGX	164	FNONFRMX	351	MARITAL1	536
COMPENSX	165	FNON_RMX	360	MARI_AL1	537
COMP_NSX	173	FPRIPENX	361	MONYOWDX	547
COMPOWD	174	FPRI_ENX	369	MONY_WDX	555
COMPOWD_	175	FRRDEDX	370	NO_EARNR	556
COMPOWDX	176	FRRDEDX_	378	NO_E_RNR	558
COMP_WDX	184	FRRETIRX	379	NONINCMX	572
COMPSAV	185	FRRE_IRX	387	NONI_CMX	580
COMPSAV_	186	FSALARYX	388	NUM_AUTO	581
COMPSAVX	187	FSAL_RYX	396	NUM__UTO	583
COMP_AVX	195	FSLTAXX	397	OCCUCOD1	593
COMPSEC	196	FSLTAXX_	405	OCCU_OD1	595
COMPSEC_	197	FSSIX	406	OCCUCOD2	596

Variable	Start Position	Variable	Start Position	Variable	Start Position
OCCU_OD2	598	SLRFUNDX	751	WTREP27	1127
OTHRFNDX	606	SLRF_NDX	759	WTREP28	1138
OTHR_NDX	614	SMSASTAT	760	WTREP29	1149
OTHRINCX	615	SSOVERPX	761	WTREP30	1160
OTHR_NCX	623	SSOV_RPX	769	WTREP31	1171
PENSIONX	624	ST_HOUS	770	WTREP32	1182
PENS_ONX	632	ST_HOUS_	771	WTREP33	1193
PERSLT18	633	TAXPROPX	772	WTREP34	1204
PERS_T18	635	TAXP_OPX	780	WTREP35	1215
PERSOT64	636	TOTTXPDX	781	WTREP36	1226
PERS_T64	638	TOTT_PDX	790	WTREP37	1237
POPSIZE	639	UNEMPLX	791	WTREP38	1248
PRINEARN	640	UNEMPLX_	799	WTREP39	1259
PRIN_ARN	642	USBNDX	800	WTREP40	1270
PTAXRFDX	643	USBNDX_	808	WTREP41	1281
PTAX_FDX	651	VEHQ	809	WTREP42	1292
PUBLHOUS	652	VEHQ_	811	WTREP43	1303
PUBL_OUS	653	WDBSASTX	812	WTREP44	1314
PURSSECX	654	WDBS_STX	822	TOTEXPPQ	1325
PURS_ECX	662	WDBSGDSX	823	TOTEXPCQ	1337
QINTRVMO	663	WDBS_DSX	831	FOODPQ	1349
QINTRVYR	665	WELFAREX	832	FOODCQ	1361
RACE2	669	WELF_REX	840	FDHOMEPCQ	1373
RACE2_	670	WTREP01	841	FDHOMEPCQ	1385
REF_RACE	671	WTREP02	852	FDAWAYPCQ	1397
REF__ACE	672	WTREP03	863	FDAWAYCQ	1409
REGION	673	WTREP04	874	FDXMAPPCQ	1421
RENTEQVX	674	WTREP05	885	FDXMAPCQ	1433
RENT_QVX	680	WTREP06	896	FDMAPPQ	1445
RESPSTAT	681	WTREP07	907	FDMAPCQ	1457
RESP_TAT	682	WTREP08	918	ALCBEPVPCQ	1469
ROOMSQ	683	WTREP09	929	ALCBEVCQ	1481
ROOMSQ_	686	WTREP10	940	HOUSPCQ	1493
SALEINCX	687	WTREP11	951	HOUSCQ	1505
SALE_NCX	695	WTREP12	962	SHELTPQ	1517
SAVACCTX	696	WTREP13	973	SHELTCQ	1529
SAVA_CTX	706	WTREP14	984	OWNDWEPQ	1541
SECESTX	707	WTREP15	995	OWNDWECQ	1553
SECESTX_	717	WTREP16	1006	MRTINTPCQ	1565
SELLSECX	718	WTREP17	1017	MRTINTCQ	1577
SELL_ECX	728	WTREP18	1028	PROPTXPQ	1589
SETLINSX	729	WTREP19	1039	PROPTXCQ	1601
SETL_NSX	737	WTREP20	1050	MRPINSQP	1613
SEX_REF	738	WTREP21	1061	MRPINSQP	1625
SEX_REF_	739	WTREP22	1072	RENDWEPQ	1637
SEX2	740	WTREP23	1083	RENDWECQ	1649
SEX2_	741	WTREP24	1094	RNTXRPPQ	1661
SLOCTAXX	742	WTREP25	1105	RNTXRPCQ	1673
SLOC_AX	750	WTREP26	1116	RNTAPYPQ	1685



Variable	Start Position	Variable	Start Position	Variable	Start Position
RNTAPCQ	1697	BOYFIFPQ	2285	ENTERTCQ	2873
OTHLDPQ	1709	BOYFIFCQ	2297	FEEADMPQ	2885
OTHLDCQ	1721	WOMGRLPQ	2309	FEEADMCPQ	2897
UTILPQ	1733	WOMGRLCQ	2321	TVRDIOPQ	2909
UTILCQ	1745	WOMSIXPQ	2333	TVRDIOCQ	2921
NTLGASPQ	1757	WOMSIXCQ	2345	OTHEQPPQ	2933
NTLGASCQ	1769	GRLFIFPQ	2357	OTHEQPCQ	2945
ELCTRCQPQ	1781	GRLFIFCQ	2369	PETTOYPQ	2957
ELCTRCCQ	1793	CHLDRNPQ	2381	PETTOYCQ	2969
ALLFULPQ	1805	CHLDRNCQ	2393	OTHENTPQ	2981
ALLFULCQ	1817	FOOTWRPQ	2405	OTHENTCQ	2993
FULOILPQ	1829	FOOTWRCQ	2417	PERSCAPQ	3005
FULOILCQ	1841	OTHAPLPQ	2429	PERSCACQ	3017
OTHFLSPQ	1853	OTHAPLCQ	2441	READPQ	3029
OTHFLSCQ	1865	TRANSPQ	2453	READCQ	3041
TELEPHPQ	1877	TRANSCQ	2465	EDUCAPQ	3053
TELEPHCQ	1889	CARTKNPQ	2477	EDUCACQ	3065
WATRPSPQ	1901	CARTKNCQ	2489	TOBACCPQ	3077
WATRPSCQ	1913	CARTKUPQ	2501	TOBACCCQ	3089
HOUSOPPQ	1925	CARTKUCQ	2513	MISCPQ	3101
HOUSOPCQ	1937	OTHVEHPQ	2525	MISCCQ	3113
DOMSRVPQ	1949	OTHVEHCQ	2537	MISC1PQ	3125
DOMSRVCQ	1961	GASMOPQ	2549	MISC1CQ	3137
DMSXCCPQ	1973	GASMOCQ	2561	MISC2PQ	3149
DMSXCCCQ	1985	VEHFNPQ	2573	MISC2CQ	3161
BBYDAYPQ	1997	VEHFINCQ	2585	CASHCOPQ	3173
BBYDAYCQ	2009	MAINRPPQ	2597	CASHCOCQ	3185
OTHHEXPQ	2021	MAINRPCQ	2609	PERINSPQ	3197
OTHHEXCQ	2033	VEHINSPQ	2621	PERINSCQ	3209
HOUSEQPQ	2045	VEHINSCQ	2633	LIFINSPQ	3221
HOUSEQCQ	2057	VRNTLOPQ	2645	LIFINSCQ	3233
TEXTILPQ	2069	VRNTLOCQ	2657	RETPENPQ	3245
TEXTILCQ	2081	PUBTRAPQ	2669	RETPENCQ	3257
FURNTRPQ	2093	PUBTRACQ	2681	HH_CU_Q	3269
FURNTRCQ	2105	TRNTRPPQ	2693	HH_CU_Q_	3271
FLRCVRPQ	2117	TRNTRPCQ	2705	HHID	3272
FLRCVRCQ	2129	TRNOTHPQ	2717	HHID_	3275
MAJAPPPQ	2141	TRNOTHCQ	2729	POV_CY	3276
MAJAPPCQ	2153	HEALTHPQ	2741	POV_CY_	3277
SMLAPPPQ	2165	HEALTHCQ	2753	POV_PY	3278
SMLAPPCQ	2177	HLTHINPQ	2765	POV_PY_	3279
MISCEQPQ	2189	HLTHINCQ	2777	HEATFUEL	3292
MISCEQCQ	2201	MEDSRVPQ	2789	HEAT_UEL	3294
APPARPQ	2213	MEDSRVCQ	2801	SWIMPOOL	3298
APPARCQ	2225	PREDRGPQ	2813	SWIM_OOL	3300
MENBOYPQ	2237	PREDRGCQ	2825	WATERHT	3307
MENBOYCQ	2249	MEDSUPPQ	2837	WATERHT_	3309
MENSIXPQ	2261	MEDSUPCQ	2849	APTMENT	3310
MENSIXCQ	2273	ENTERTPQ	2861	APTMENT_	3312

Variable	Start Position	Variable	Start Position	Variable	Start Position
OFSTPARK	3313	TTOTALC	3472	VOTHRFLP	3962
OFST_ARK	3315	TFOODTOP	3482	VOTHRFLC	3972
WINDOWAC	3316	TFOODTOC	3492	VELECTRP	3982
WIND_WAC	3318	TFOODAWP	3502	VELECTRC	3992
CNTRALAC	3319	TFOODAWC	3512	VNATLGAP	4002
CNTR_LAC	3321	TFOODHOP	3522	VNATLGAC	4012
CHILDAGE	3322	TFOODHOC	3532	VWATERPP	4022
CHIL_AGE	3323	TALCBEVP	3542	VWATERPC	4032
INCLASS	3324	TALCBEVC	3552	MRTPRNOP	4042
STATE	3326	TOTHRLOP	3562	MRTPRNOC	4052
CHDOTHX	3329	TOTHRLOC	3572	UTILRNTP	4062
CHDOTHX_	3337	TTRANPRP	3582	UTILRNTPC	4072
ALIOTHX	3338	TTRANPRC	3592	RFUELOIP	4082
ALIOTHX_	3346	TGASMOTP	3602	RFUELOIC	4092
CHDLMPX	3347	TGASMOTC	3612	ROTHRFLP	4102
CHDLMPX_	3355	TVRENTLP	3622	ROTHRFLC	4112
ERANKMTH	3356	TVRENTLC	3632	RELECTRP	4122
ERAN_MTH	3367	TCARTRKP	3642	RELECTRC	4132
ERANKH	3368	TCARTRKC	3652	RNATLGAP	4142
ERANKH_	3377	TOTHVHRP	3662	RNATLGAC	4152
TOTEX4PQ	3387	TOTHVHRC	3672	RWATERPP	4162
TOTEX4CQ	3399	TOTHTREP	3682	RWATERPC	4172
MISCX4PQ	3411	TOTHTREC	3692	POVLEVCY	4182
MISCX4CQ	3423	TTRNTRIP	3702	POVL_VCY	4190
CUINCOME	3435	TTRNTRIC	3712	POVLEVPY	4191
CUIN_OME	3437	TFAREP	3722	POVL_VPY	4199
RECORDS	3438	TFAREC	3732	COOKING	4200
RECORDS_	3439	TAIRFARP	3742	COOKING_	4202
TYPEREC1	3440	TAIRFARC	3752	PORCH	4203
TYPE_EC1	3441	TOTHFARP	3762	PORCH_	4205
TYPEREC2	3442	TOTHFARC	3772	ETOTALP	4206
TYPE_EC2	3443	TLOCALTP	3782	ETOTALC	4216
TYPEREC3	3444	TLOCALTC	3792	ETOTAPX4	4226
TYPE_EC3	3445	TENTRMNP	3802	ETOTACX4	4236
TYPEREC4	3446	TENTRMNC	3812	EHOUSNGP	4246
TYPE_EC4	3447	TFEESADP	3822	EHOUSNGC	4256
TYPEREC5	3448	TFEESADC	3832	ESHELTRP	4266
TYPE_EC5	3449	TOTHENTP	3842	ESHELTRC	4276
TYPEREC6	3450	TOTHENTC	3852	EOWNDWLP	4286
TYPE_EC6	3451	OWNVACP	3862	EOWNDWLC	4296
TYPEREC7	3452	OWNVACC	3872	EOTHLODP	4306
TYPE_EC7	3453	VOTHRLOP	3882	EOTHLODC	4316
TYPEREC8	3454	VOTHRLOC	3892	EMRTPNOP	4326
TYPE_EC8	3455	VMISCHEP	3902	EMRTPNOC	4336
VEHQL	3456	VMISCHEC	3912	EMRTPNVP	4346
VEHQL_	3458	UTILOWNP	3922	EMRTPNVC	4356
NUM_TVAN	3459	UTILOWNC	3932	ETRANPTP	4366
NUM__VAN	3461	VFUELOIP	3942	ETRANPTC	4376
TTOTALP	3462	VFUELOIC	3952	EVEHPURP	4386

Variable	Start Position	Variable	Start Position	Variable	Start Position
EVEHPURC	4396	FOODSMPX	4677	ALIOTHX2	4807
ECARTKNP	4406	FOOD_MPX	4683	ALIOTHX3	4815
ECARTKNC	4416	FOODSMPB	4684	ALIOTHX4	4823
ECARTKUP	4426	FOOD_MPB	4686	ALIOTHX5	4831
ECARTKUC	4436	FOODSPBX	4687	ALIOTHXI	4839
EOTHVEHP	4446	FOOD_PBX	4693	CHDOTHXM	4842
EOTHVEHC	4456	INCLOSAB	4694	CHDO_HXM	4852
EENTRMTP	4466	INCL_SAB	4696	CHDOTHX1	4853
EENTRMTC	4476	INCLSABX	4697	CHDOTHX2	4861
EOTHENTP	4486	INCL_ABX	4703	CHDOTHX3	4869
EOTHENTC	4496	INCLOSBB	4704	CHDOTHX4	4877
ENOMOTRP	4506	INCL_SBB	4706	CHDOTHX5	4885
ENOMOTRC	4516	INCLSBBX	4707	CHDOTHXI	4893
EMOTRVHP	4526	INCL_BBX	4713	COMPENSM	4896
EMOTRVHC	4536	CHDLMPB	4714	COMP_NSM	4906
EENTMSCP	4546	CHDLMPB_	4716	COMPENS1	4907
EENTMSCC	4556	CHDLMPBX	4717	COMPENS2	4915
EMISCELP	4566	CHDL_PBX	4723	COMPENS3	4923
EMISCELC	4576	CHDOTHB	4724	COMPENS4	4931
EMISCMTP	4586	CHDOTHB_	4726	COMPENS5	4939
EMISCMTC	4596	CHDOTHBX	4727	COMPENSI	4947
UNISTRQ	4606	CHDO_HBX	4733	ERANKHM	4950
UNISTRQ_	4608	ALIOTHB	4734	ERANKHM_	4959
YRBUILT	4609	ALIOTHB_	4736	ERNKMTHM	4960
YRBUILT_	4613	ALIOTHBX	4737	ERNK_THM	4973
INTEARNB	4614	ALIO_HBX	4743	FAMTFEDM	4974
INTE_RNB	4616	LUMPSUMB	4744	FAMT_EDM	4983
INTERNBX	4617	LUMP_UMB	4746	FAMTFED1	4984
INTE_NBX	4623	LMPSUMBX	4747	FAMTFED2	4992
FININCB	4624	LMPS_MBX	4753	FAMTFED3	5000
FININCB_	4626	SALEINCB	4754	FAMTFED4	5008
FININCBX	4627	SALE_NCB	4756	FAMTFED5	5016
FINI_CBX	4633	SALINCBX	4757	FFRMINCM	5024
PENSIONB	4634	SALI_CBX	4763	FFRM_NCM	5035
PENS_ONB	4636	OTHRINCB	4764	FFRMINC1	5036
PNSIONBX	4637	OTHR_NCB	4766	FFRMINC2	5044
PNSI_NBX	4643	OTRINCBX	4767	FFRMINC3	5052
UNEMPLB	4644	OTRI_CBX	4773	FFRMINC4	5060
UNEMPLB_	4646	INCLASS2	4774	FFRMINC5	5068
UNEMPLBX	4647	INCL_SS2	4775	FFRMINCI	5076
UNEM_LBX	4653	CUID	4776	FGOVRETM	5079
COMPENSB	4654	INTERI	4783	FGOV_ETM	5087
COMP_NSB	4656	HORREF1	4784	FINCATXM	5088
COMPNSBX	4657	HORREF1_	4785	FINCA_XM	5099
COMP_SBX	4663	HORREF2	4786	FINCATX1	5100
WELFAREB	4664	HORREF2_	4787	FINCATX2	5109
WELF_REB	4666	ALIOTHXM	4788	FINCATX3	5118
WELFREBX	4667	ALIO_HXM	4798	FINCATX4	5127
WELF_EBX	4673	ALIOTHX1	4799	FINCATX5	5136

Variable	Start Position	Variable	Start Position	Variable	Start Position
FINCBTXM	5145	FRRETIR5	5485	INTE_RNM	5840
FINCB_XM	5156	FRRETIRI	5493	INTEARN1	5841
FINCBTX1	5157	FSALARYM	5496	INTEARN2	5849
FINCBTX2	5166	FSAL_RYM	5506	INTEARN3	5857
FINCBTX3	5175	FSALARY1	5507	INTEARN4	5865
FINCBTX4	5184	FSALARY2	5515	INTEARN5	5873
FINCBTX5	5193	FSALARY3	5523	INTEARNI	5881
FINCBTXI	5202	FSALARY4	5531	OTHRINCM	5884
FININCXM	5205	FSALARY5	5539	OTHR_NCM	5894
FINI_CXM	5215	FSALARYI	5547	OTHRINC1	5895
FININCX1	5216	FSLTAXXM	5550	OTHRINC2	5903
FININCX2	5224	FSLT_XXM	5560	OTHRINC3	5911
FININCX3	5232	FSLTAXX1	5561	OTHRINC4	5919
FININCX4	5240	FSLTAXX2	5569	OTHRINC5	5927
FININCX5	5248	FSLTAXX3	5577	OTHRINCI	5935
FININCXI	5256	FSLTAXX4	5585	PENSIONM	5938
FJSSDEDM	5259	FSLTAXX5	5593	PENS_ONM	5948
FJSS_EDM	5269	FSSIXM	5601	PENSION1	5949
FJSSDED1	5270	FSSIXM_	5611	PENSION2	5957
FJSSDED2	5278	FSSIX1	5612	PENSION3	5965
FJSSDED3	5286	FSSIX2	5620	PENSION4	5973
FJSSDED4	5294	FSSIX3	5628	PENSION5	5981
FJSSDED5	5302	FSSIX4	5636	PENSIONI	5989
FNONFRMM	5310	FSSIX5	5644	POV_CYM	5992
FNON_RMM	5321	FSSIXI	5652	POV_C_M	5993
FNONFRM1	5322	INC_RNKM	5655	POV_CY1	5994
FNONFRM2	5331	INC__NKM	5664	POV_CY2	5995
FNONFRM3	5340	INC_RNK1	5665	POV_CY3	5996
FNONFRM4	5349	INC_RNK2	5674	POV_CY4	5997
FNONFRM5	5358	INC_RNK3	5683	POV_CY5	5998
FNONFRMI	5367	INC_RNK4	5692	POV_PYM	5999
FOODSMPM	5370	INC_RNK5	5701	POV_P_M	6000
FOOD_MPM	5380	INCLOSAM	5710	POV_PY1	6001
FOODSMP1	5381	INCL_SAM	5721	POV_PY2	6002
FOODSMP2	5389	INCLOSA1	5722	POV_PY3	6003
FOODSMP3	5397	INCLOSA2	5731	POV_PY4	6004
FOODSMP4	5405	INCLOSA3	5740	POV_PY5	6005
FOODSMP5	5413	INCLOSA4	5749	PRINERNM	6006
FOODSMPI	5421	INCLOSA5	5758	PRIN_RNM	6008
FPRIPENM	5424	INCLOSAI	5767	PRINERN1	6009
FPRI_ENM	5432	INCLOSBM	5770	PRINERN2	6011
FRRDEDM	5433	INCL_SBM	5781	PRINERN3	6013
FRRDEDM_	5441	INCLOSB1	5782	PRINERN4	6015
FRRETIRM	5442	INCLOSB2	5791	PRINERN5	6017
FRRE_IRM	5452	INCLOSB3	5800	TOTTXPDM	6019
FRRETIR1	5453	INCLOSB4	5809	TOTT_PDM	6030
FRRETIR2	5461	INCLOSB5	5818	TOTTXPD1	6031
FRRETIR3	5469	INCLOSBI	5827	TOTTXPD2	6040
FRRETIR4	5477	INTEARNM	5830	TOTTXPD3	6049

Variable	Start Position	Variable	Start Position	Variable	Start Position
TOTTXPD4	6058	UNEMPLX4	6111	WELFARE3	6157
TOTTXPD5	6067	UNEMPLX5	6119	WELFARE4	6165
UNEMPLXM	6076	UNEMPLXI	6127	WELFARE5	6173
UNEM_LXM	6086	WELFAREM	6130	WELFAREI	6181
UNEMPLX1	6087	WELF_REM	6140	PSU	6195
UNEMPLX2	6095	WELFARE1	6141		
UNEMPLX3	6103	WELFARE2	6149		

## B. MEMB FILE

Variable	Start Position	Variable	Start Position	Variable	Start Position
NEWID	1	INCORP	124	SSIX_	259
AGE	9	INCORP_	125	SSNORM	260
AGE_	11	INCWEEKQ	126	SSNORM_	261
AMTFED	12	INCW_EKQ	128	SALARYB	262
AMTFED_	20	INDRETX	129	SALARYB_	264
ANDFEDTX	21	INDRETX_	139	SALARYBX	265
ANFEDTX_	29	JSSDEX	140	SALA_YBX	271
ANGOVRTX	30	JSSDEX_	146	NONFARMB	272
ANGO_RTX	38	MARITAL	147	NONF_RMB	274
ANPRVPNX	39	MEDICOV	149	NONFRMBX	275
ANPR_PNX	47	MEDICOV_	150	NONF_MBX	281
ANRRDEX	48	MEMBNO	151	FARMINCB	282
ANRR_EDX	56	NFRMLOSS	153	FARM_NCB	284
ANSLTX	57	NFRM_OSS	154	FRMINCBX	285
ANSLTX_	65	NONFARMX	155	FRMI_CBX	291
ARM_FORC	66	NONF_RMX	165	RRRETIRB	292
ARM_ORC	67	OCCUCODE	166	RRRE_IRB	294
CU_CODE	68	OCCU_ODE	168	RRRETRBX	295
EARNER	70	PAYPERD	170	RRRE_RBX	301
EARNER_	71	PAYPERD_	171	SSIB	302
EARNTYPE	72	PRIVPENX	172	SSIB_	304
EARN_YPE	73	PRIV_ENX	180	SSIBX	305
EDUCA	74	PWRKSTAT	181	SSIBX_	311
EDUCA_	76	PWRK_TAT	182	HORIGIN	312
EMPLCONT	77	RRRDEX	185	HISPANIC	313
EMPL_ONT	78	RRRDEX_	193	HISP_NIC	314
FARMINCX	79	RRRETIRX	194	MEMBRACE	315
FARM_NCX	89	RRRE_IRX	202	RC_WHITE	316
FARMLOSS	90	SALARYX	203	RC_W_ITE	317
FARM_OSS	91	SALARYX_	213	RC_BLACK	318
GOVRETX	92	SCHMLWKQ	214	RC_B_ACK	319
GOVRETX_	100	SCHM_WKQ	216	RC_NATAM	320
GROSPAYX	101	SCHMLWKX	217	RC_N_TAM	321
GROS_AYX	111	SCHM_WKX	220	RC_ASIAN	322
IN_COLL	112	SEX	221	RC_A_IAN	323
IN_COLL_	113	SLFEMPSS	223	R_PACIL	324
INC_HRSQ	114	SLFE_PSS	229	R_P_CIL	325
INC_RSQ	117	SLTAXX	230	RC_OTHER	326
INCMEDCR	118	SLTAXX_	238	RC_O_HER	327
INCM_DCR	119	SOCRXX	239	RC_DK	328
INCNONWK	120	SOCRXX_	247	RC_DK_	329
INCN_NWK	121	SS_RRQ	248	ASIAN	330
INCOMEY	122	SS_RRQ_	250	ASIAN_	331
INCOMEY_	123	SSIX	251	ANFEDTXM	332

ANFE_TXM	340	SLFE_PSM	642
ANGOVRTM	341	SLFEMPS1	643
ANGO_RTM	349	SLFEMPS2	651
ANPRVPNM	350	SLFEMPS3	659
ANPR_PNM	358	SLFEMPS4	667
ANRRDEDM	359	SLFEMPS5	675
ANRR_EDM	367	SOCRRXM	683
ANSLTXM	368	SOCRRXM_	691
ANSLTXM_	376	SOCRRX1	692
FARMINCM	377	SOCRRX2	700
FARM_NCM	385	SOCRRX3	708
FARMINC1	386	SOCRRX4	716
FARMINC2	394	SOCRRX5	724
FARMINC3	402	SSIXM	732
FARMINC4	410	SSIXM_	740
FARMINC5	418	SSIX1	741
FARMINCI	426	SSIX2	749
JSSDEDXM	429	SSIX3	757
JSSD_DXM	437	SSIX4	765
JSSDEDX1	438	SSIX5	773
JSSDEDX2	446	SSIXI	781
JSSDEDX3	454		
JSSDEDX4	462		
JSSDEDX5	470		
NONFARMM	478		
NONF_RMM	486		
NONFARM1	487		
NONFARM2	495		
NONFARM3	503		
NONFARM4	511		
NONFARM5	519		
NONFARMI	527		
RRRETIRM	530		
RRRE_IRM	538		
RRRETIR1	539		
RRRETIR2	547		
RRRETIR3	555		
RRRETIR4	563		
RRRETIR5	571		
RRRETIRI	579		
SALARYXM	582		
SALA_YXM	590		
SALARYX1	591		
SALARYX2	599		
SALARYX3	607		
SALARYX4	615		
SALARYX5	623		
SALARYXI	631		
SLFEMPSM	634		

### C. ITAB\_IMPUTE

Variable	Start Position
NEWID	1
REFMO	9
REFYR	11
UCC	15
PUBFLAG	21
VALUE	22
VALUE_	34
IMPNUM	35



## **XVI. APPENDIX 5 -- PUBLICATIONS AND DATA RELEASES FROM THE CONSUMER EXPENDITURE SURVEY**

A partial list of publications containing data from the CE program appears below. Reports 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. Single year Consumer Expenditure reports are available on the Consumer Expenditure Survey website: [www.bls.gov/cex](http://www.bls.gov/cex).

Consumer Expenditures in 2006 (expected 2008)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditures in 2005, Report 998 (2007)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditures in 2004, Report 992 (2006)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditures in 2003, Report 986 (2005)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditure Survey Anthology, Report 981 (2005)	A collection of analytical and methodological articles using Consumer Expenditure Survey data.
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, 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 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 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.

For information on the availability of prior publications, please contact us by phone at (202) 691-6900, or by e-mail at [cexinfo@bls.gov](mailto:cexinfo@bls.gov).

## CONSUMER EXPENDITURE SURVEY DATA ON THE INTERNET

Commonly-requested CE data tables can be found on-line at <http://www.bls.gov/cex>. The following One and Two-year Tables of integrated Diary and Interview data are available under the [Tables Created by BLS](#) heading:

### One Year Tables

*Standard Tables* from 1984-2006  
*Expenditure Shares Tables* from 1998-2006  
*Aggregate Expenditure Shares Tables* from 1998-2006

### Two Year Tables

*Cross-Tabulated Tables* from 1986-2006  
*Metropolitan Statistical Area Tables* from 1986-2006  
*Region Tables* from 1998-2006  
*High Income Tables* from 1998-2002  
*Multi-Year Tables* for 1984-1992 and 1994-2006

## FAX ON DEMAND - FAXSTAT

FAXSTAT contains information and data that may be faxed to users from a touch-tone phone 24 hours a day -- 7 days a week. To receive FAXSTAT transmissions dial (202) 691-6325 and follow the voice prompts. Consumer Expenditure Survey data that are accessible on FAXSTAT are for the most recent year available

## CD-ROMS

CE microdata on CD-Rom are available from the Bureau of Labor Statistics for 1972-73, 1980-81, 1990-91, 1992-93, and for each individual year from 1994-2006. The 1980-81 through 2006 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 FMLY file data is also available. In addition to the microdata, the CD's also contain the same integrated Diary and Interview tabulated data (1984-present) that are found on the Consumer Expenditure Survey web site (<http://www.bls.gov/cex>).

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

## STATE CODES

State codes from 1982 to 1993 are available for the Interview Survey. 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 (FMLY.)) The state data diskettes are free and may be obtained by contacting the BLS national office. (See Section XVII. INQUIRIES, SUGGESTIONS, AND COMMENTS)

## **XVII. INQUIRIES, SUGGESTIONS, AND COMMENTS**

If you have any questions, suggestions, or comments about the survey, the microdata, or its documentation, please call (202) 691-6900 or email [cexinfo@bls.gov](mailto:cexinfo@bls.gov).

Written suggestions and comments should be forwarded to:

Division of Consumer Expenditure Surveys  
Branch of Information and Analysis  
Bureau of Labor Statistics, Room 3985  
2 Massachusetts Ave. N.E.  
Washington, DC. 20212-0001

The Bureau of Labor Statistics will use these responses in planning future releases of the microdata.