

2004 CONSUMER EXPENDITURE INTERVIEW SURVEY  
PUBLIC USE MICRODATA  
DOCUMENTATION

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## 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 2004 and the first quarter of 2005. The Interview survey collects data on up to 95 percent of total household expenditures. In addition to the FMLI, MEMI, MTBI, ITBI, and ITBI\_IMPUTED<sup>1</sup> files, the microdata include files created directly from the expenditure sections of the Interview survey (EXPN files). The EXPN files contain expenditure data and ancillary descriptive information, often not available on the FMLI or MTBI files, in a format similar to the Interview questionnaire. In addition to the extra information available on the EXPN files, users can identify distinct spending categories easily and reduce processing time due to the organization of the files by type of expenditure.

Estimates of average expenditures in 2004 from the Interview Survey, integrated with data from the Diary Survey, will be published in the report *Consumer Expenditures in 2004* (due out in 2006). 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, 2004."

## II. CHANGES FROM THE 2003 MICRODATA FILES

Starting in 2004 the CE started imputing income data. The new variables and files will be listed in this section. More detail on the new imputation process can be found in Section III.D: Income Imputation.

Variable additions and deletions were made as noted below.

### A. FMLI File

#### 1. Variable Deletions

Beginning in 2004Q1, the following original income variables from the FMLI file will be deleted.

NAME	START POSITION	FLAG	START POSITION
ALIOTHX	3338	ALIOTHX_	3346
CHDOTHX	3329	CHDOTHX_	3337
COMPENSX	165	COMP_NSX	173

<sup>1</sup> The ITBI\_IMPUTED files were first introduced in data year 2004. However, in subsequent years the file name was truncated to ITBI. Users analyzing multiple years of data should be aware of this change and make adjustments accordingly.

EARNINCX	223	EARN_NCX	232
ERANKH	3368	ERANKH_	3377
ERANKMTH	3356	ERAN_MTH	3367
ERANKUH	3378	ERANKUH_	3386
FAMTFEDX	247	FAMT_EDX	255
FFRMINCX	274	FFRM_NCX	283
FGOVRETX	284	FGOV_ETX	292
FINCATAX	293	FINCAT_X	302
FINCBTAX	303	FINCBT_X	312
FININCX	322	FININCX_	330
FJSSDEDX	342	FJSS_EDX	350
FNONFRMX	351	FNON_RMX	360
FOODSMPX	4677	FOOD_MPX	4683
FPRIPENX	361	FPRI_ENX	369
FRRDEDX	370	FRRDEDX_	378
FRRETIRX	379	FRRE_IRX	387
FSALARYX	388	FSAL_RYX	396
FSLTAXX	397	FSLTAXX_	405
FSSIX	406	FSSIX_	414
INC_RANK	435	INC_ANK	445
INC_RNKU	446	INC_NKU	455
INCLOSSA	456	INCL_SSA	464
INCLOSSB	465	INCL_SSB	473
INTEARNX	497	INTE_RNX	505
NO_EARNX	559	NO_E_RNX	568
OTHRINCX	615	OTHR_NCX	623
PENSIONX	624	PENS_ONX	632
POV_CY	3276	POV_CY_	3277
POV_PY	3278	POV_PY_	3279
PRINEARN	640	PRIN_ARN	642
TOTTXPDX	781	TOTT_PDX	790
UNEMPLX	791	UNEMPLX_	799
WELFAREX	832	WELF_REX	840

## 2. Variable Additions

Beginning in 2004Q1, the following imputed income variables will be added to the FMLI file.

Variable name	Description	Start position	Format
ALIOOTHXM	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)
ALIO_HXM		4798	CHAR(1)
ALIOOTHX1		4799	NUM(8)
ALIOOTHX2		4807	NUM(8)
ALIOOTHX3		4815	NUM(8)
ALIOOTHX4		4823	NUM(8)
ALIOOTHX5		4831	NUM(8)
ALIOTHXI		4839	NUM(3)

Variable name	Description	Start position	Format
CHDOOTHXM	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)
CHDO_HXM		4852	CHAR(1)
CHDOOTHX1		4853	NUM(8)
CHDOOTHX2		4861	NUM(8)
CHDOOTHX3		4869	NUM(8)
CHDOOTHX4		4877	NUM(8)
CHDOOTHX5		4885	NUM(8)
CHDOOTHXI		4893	NUM(3)
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)
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)
ERANKHM	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.	4950	NUM(9.7)
ERANKHM_		4959	CHAR(1)
ERNKMTHM		4960	NUM(13.4)
ERNK_THM		4973	CHAR(1)
FAMTFEDM	Amount of Federal income tax deducted from last pay annualized for all CU Members (sum ANFEDTX from MEMI file for all CU Members)	4974	NUM(9.1)
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)
FFRMINCM	Amount of income or loss from own farm received by all CU Members in past 12 months (sum FARMINCM from MEMI file for all CU Members)  *L	5024	NUM(11.1)
FFRM_NCM		5035	CHAR(1)
FFRMINC1		5036	NUM(8)
FFRMINC2		5044	NUM(8)
FFRMINC3		5052	NUM(8)

Variable name	Description	Start position	Format
FFRMINC4		5060	NUM(8)
FFRMINC5		5068	NUM(8)
FFRMINCI		5076	NUM(3)
FGOVRETM	Amount of government retirement deducted from last pay annualized for all CU Members (sum ANGOVRTX from MEMI file for all CU Members)	5079	NUM(8)
FGOV ETM		5087	CHAR(1)
FINCATXM	Amount of CU income after taxes in past 12 months (FINCBTXM – TOTXPDX) *L	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)
FINCBTXM	Amount of CU income before taxes in past 12 months (FSALARYM + FNONFRMM + FFRMINCM + FRRETIRM + FSSIXM + UNEMPLXM + COMPENSM + WELFAREM + INTEARNX + FININCM + PENSIONM + INCLOSSM + ALIOTHXM + CHDOTHXM + OTHRINCM + FOODSMPM) *L	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)
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)
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)
FJSSDEDM	Estimated amount of income contributed to Social Security by all CU Members in past 12 months (sum JSSDEDX from MEMI file for all CU Members)	5259	NUM(10.1)
FJSS_EDM		5269	CHAR(1)

Variable name	Description	Start position	Format
FJSSDED1		5270	NUM(8)
FJSSDED2		5278	NUM(8)
FJSSDED3		5286	NUM(8)
FJSSDED4		5294	NUM(8)
FJSSDED5		5302	NUM(8)
FNONFRMM	Amount of income or loss from nonfarm business, partnership or professional practice received by all CU Members in past 12 months (sum NONFARM from MEMI file for all CU Members) *L	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)
FOODSMPM	Value of all food stamps and electronic benefits received for all CU Members.	5370	NUM(10.1)
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)
FPRIPENM	Amount of private pensions deducted from last pay annualized for all CU Members (sum ANPRVPNX from MEMI file for all CU Members)	5424	NUM(8)
FPRI_ENM		5432	CHAR(1)
FRRDEDM	Amount of Railroad Retirement deducted from last pay annualized for all CU Members (sum ANRRDEDX from MEMI file for all CU Members)	5433	NUM(8)
FRRDEDM		5441	CHAR(1)
FRRETIRM	Amount of Social Security and Railroad Retirement income prior to deductions for medical insurance and Medicare received by all CU Members in past 12 months (sum SOCRRXM from MEMI file for all CU Members)	5442	NUM(10.1)
FRRE_IRM		5452	CHAR(1)
FRRETIR1		5453	NUM(8)
FRRETIR2		5461	NUM(8)
FRRETIR3		5469	NUM(8)
FRRETIR4		5477	NUM(8)
FRRETIR5		5485	NUM(8)

Variable name	Description	Start position	Format
FRRETIRI		5493	NUM(3)
FSALARYM	Amount of wage and salary income before deductions received by all CU Members in past 12 months (sum SALARYXM from MEMI file for all CU Members)	5496	NUM(10.1)
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)
FSLTAXXM	Amount of state and local income taxes deducted from last pay annualized for all CU Members (sum ANSLTX from MEMI file for all CU Members)	5550	NUM(10.1)
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)
FSSIXM	Amount of Supplemental Security Income from all sources received by all CU Members in past 12 months (sum SSIXM from MEMI file for all Members)	5601	NUM(10.1)
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)
INC_RNKM	Weighted cumulative percent income ranking of CU to urban population. Ranking based on income before taxes for complete reporters (urban CUs only). Rank of incomplete income reporters and rural CUs are set to zero.	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)
INCLOSAM	During the past 12 months, how much net income or loss was received from roomers or boarder? *L	5710	NUM(11.1)

<u>Variable name</u>	<u>Description</u>	<u>Start position</u>	<u>Format</u>
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)
INCLOSBM	During the past 12 months, how much net income or loss was received from payments from other rental units? *L	5770	NUM(11.1)
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)
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)
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)
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)
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)
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)
PENS_ONM		5948	CHAR(1)
PENSION1		5949	NUM(8)
PENSION2		5957	NUM(8)

Variable name	Description	Start position	Format
PENSION3		5965	NUM(8)
PENSION4		5973	NUM(8)
PENSION5		5981	NUM(8)
PENSIONI		5989	NUM(3)
POV_CYM	Is CU income below current year's poverty threshold? (Income is defined as FINCBTXM-FOODSMPM.) CODED 1 Yes 2 No	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_PYM	Is CU income below previous year's poverty threshold? (Income is defined as FINCBTXM-FOODSMPM.) CODED 1 Yes 2 No	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)
PRINERNM	Member number (MEMINO in the MEMI file)of the principal earner.	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)
TOTTXPDM	Amount of personal taxes paid by CU in past 12 months (FAMTFEDM + FSLTAXXM + FEDTAXX + SLOCTAXX + TAXPROPX + MISCTAXX - (FEDRFNDX + SLRFUNDX + OTHRFNDX)) *L	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)
UNEMPLXM	During the past 12 months, what was the total amount of income from unemployment	6076	NUM(10.1)

Variable name	Description	Start position	Format
	compensation received by ALL CU Members?		
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)
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)
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)

**Beginning in 2004Q2**, the FMLI file will contain the following new variables:

Variable name	Description	Start position	Format
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)
COLPLAN		6211	CHAR(1)
COLPLANX	Amount CU put into a tax-deferred or tax-free educational savings plan	6212	NUM(8)
COLP_ANX		6220	CHAR(1)

### 3. Summary Variable Changes

Beginning in 2004Q2, the main summary level variables, PETTOYPQ and PETTOYCPQ, will include the following UCC in the aggregation:

610140

## B. MEMI File

### 1. Variable Deletions

Beginning in 2004Q1, the following original income variables from the MEMI file will be deleted.

NAME	START POSITION	FLAG	START POSITION
ANFEDTX	21	ANFEDTX_	29
ANGOVRTX	30	ANGO_RTX	38
ANPRVPNX	39	ANPR_PNX	47
ANRRDEDX	48	ANRR_EDX	56
ANSLTX	57	ANSLTX_	65
FARMINCX	79	FARM_NCX	89
JSSDEDX	140	JSSDEDX_	146
NONFARMX	155	NONF_RMX	165
RRRETIRX	194	RRRE_IRX	202
SALARYX	203	SALARYX_	213
SLFEMPSS	223	SLFE_PSS	229
SOCRRX	239	SOCRRX_	247
SSIX	251	SSIX_	259

### 2. Variable Additions

Beginning in 2004Q1, the following imputed income variables will be added to the MEMI file.

Variable name	Description	Start position	Format
ANFEDTXM	Annualized amount of Federal income tax deducted from last pay ((AMTFED/GROSPAYX) x SALARYXM)	332	NUM(8)
ANFE_TXM		340	CHAR(1)
ANGOVRTM	Annualized amount of Government Retirement deducted from last pay ((GOVRETX/GROSPAYX x SALARYXM))	341	NUM(8)
ANGO_RTM		349	CHAR(1)
ANPRVPNM	Annualized amount of private pensions deducted from last pay ((PRIVPENX/GROSPAYX x SALARYXM))	350	NUM(8)
ANPR_PNM		358	CHAR(1)
ANRRDEDM	Annualized amount of Railroad Retirement deducted from last pay ((RRRDEDX/GROSPAYX x SALARYXM))	359	NUM(8)
ANRR_EDM		367	CHAR(1)
ANSLTXM	Annualized amount of state and local income taxes deducted from last pay ((SLTAXX/GROSPAYX x SALARYXM))	368	NUM(8)
ANSLTXM_		376	CHAR(1)

<u>Variable name</u>	<u>Description</u>	<u>Start position</u>	<u>Format</u>
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)
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)
JSSDEDXM	Estimated amount of income contributed to Social Security by Member in past 12 months	437	NUM(8.1)
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)
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)
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)
RRRETIJM	What was the amount of the last Social Security or Railroad Retirement payment received? (In past 12 months)	536	NUM(10.1)
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)
SALARYXM	During the past 12 months, what was the amount of wages or salary income received before any deductions?	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)

<u>Variable name</u>	<u>Description</u>	<u>Start position</u>	<u>Format</u>
SLFEMPSM	Amount of income contributed to Social Security by Member if self-employed	644	NUM(8.1)
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)
SOCRRXM	Amount of Social Security and Railroad Retirement income received by Member in past 12 months	683	NUM(10.1)
SOCRRXM_		693	CHAR(1)
SOCRRX1		694	NUM(8)
SOCRRX2		702	NUM(8)
SOCRRX3		710	NUM(8)
SOCRRX4		718	NUM(8)
SOCRRX5		726	NUM(8)
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)
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)

## C. MTBI File

### 1. UCC Content Changes

Beginning in 2004Q2, content for the listed UCCs will change as indicated.

UCC	TITLE	CHANGE
190901	BOARD (INCLUD AT SCHOOL)	The question in Section 20A that asked for expenditures paid for board outside a boarding house was dropped as part of the April 2004 forms change leaving only the food and board at school component collected in Section 16A left to map to this UCC. The title of the UCC was changed to reflect only school related food and board expenditures
610110	TOYS GAMES ARTS CRAFTS TRICYCLES	The Hobbies item code collected in Section 19A was dropped as part of the April 2004 forms change to eliminate the large number of misreported items in the category. The current Hobbies item code '340' was reassigned to a category entitled Arts and Crafts, which will be mapped to the Toys and Games UCC.

250111	FUEL OIL RNTR	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250112	FUEL OIL OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250113	FUEL OIL OWNV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250211	GAS, BOTTLED OR TANK RNTR	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250212	GAS, BOTTLED OR TANK OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250213	GAS,BOTTLED OR TANK - OWNV & RVS	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250221	COAL, RNTR OR OTH PROP	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250222	COAL OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.

250223	COAL OWNV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250901	WOOD/KEROSENE/OT HER FUELS RNTR	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250902	WOOD/KEROSENE/OT HER FUELS OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
250903	WOOD/KEROSENE/OT HER FUELS OWNV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
260111	ELECTRICITY RNTR	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
260112	ELECTRICITY OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
260113	ELECTRICITY OWNV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
260211	UTILITY--NATURAL GAS RNTR	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.

260212	UTILITY--NATURAL GAS OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
260213	UTILITY--NATURAL GAS OWNV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270211	WATER AND SEWERAGE MAINT RNTR	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270212	WATER AND SEWERAGE MAINT OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270213	WATER AND SEWERAGE MAINT OWNV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270310	CABLE/SATELLITE/CO M ANTENNA SERV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270411	TRASH/GARBAGE COLLECT RNTR	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270412	TRASH/GARBAGE COLLECT OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.

270413	TRASH/GARBAGE COLLECT OWNV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270901	SEPTIC TANK CLEANING RNTR	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270902	SEPTIC TANK CLEANING OWND	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
270903	SEPTIC TANK CLEANING OWNV	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
340420	WATER SOFTENING SERVICE	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
690114	COMPUTER INFORMATION SERVICES	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
790600	MAINT/REP/UTIL OTH PROP	Services fees included in utility bills are no longer collected in Section 04 (UTC). The calculation of the mapped variable QADFULX will be modified to eliminate the subtraction of this service fee amount from the total utility expenditure.
650310	PERS. CARE SERV.	The question for the Personal Care Services item in the Interview has changed to include cues for manicures, massages, and other salon services as part of the April 2004 forms change. The variable for this expenditure has changed from HAIRX to SALONX. The same

		UCC and mapping rules will be employed as a result of this change.
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## D. ITBI File

The data structure of the ITBI file will be the same. However, now the mean imputation of an income variable will be mapped to the ITBI file. More detail on the process of multiple imputation of income can be found in Section XVIII.

## E. ITBI\_IMPUTED File

**Beginning in 2004Q1**, the ITBI\_IMPUTED file will be included on the Microdata, resulting from the multiple imputation of income.

The ITBI\_IMPUTED file will contain the following variables and start positions.

NAME	FORMAT	START POSITION
NEWID	NUM(8)	1
REFMO	CHAR(2)	9
REFYR	CHAR(4)	11
UCC	CHAR(6)	15
PUBFLAG	CHAR(1)	21
VALUE	NUM(12.4)	22
VALUE_	CHAR(1)	34
IMPNUM	CHAR(1)	35

## F. EXPN Files

### 1. UTC file

**Beginning in 2004Q2**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
UTLUNIT	40	CHAR(2)
UTLUNIT_	42	CHAR(1)
UTILCON	33	NUM(6)
UTILCON_	39	CHAR(1)

### 2. EDA file

**Beginning in 2004Q2**, the following variable definitions change:

Name	Description
EDMONTHA	Code changed from: ‘01’ – ‘12’ = Month of expense Code changed to: ‘01’ – ‘12’ = Month of expense ‘13’ = Continuous expense

### 3. XPA file

**Beginning in 2004Q2**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
JBRDQV	84	NUM(8)

### 4. XPB file

**Beginning in 2004Q2**, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
HAIRX	160	NUM(6)
HAIRX_	166	CHAR(1)

**Beginning in 2004Q2**, the XPB file will contain the following new variables.

Name	Description	Start Position	Format
SALONX	Total expense for haircuts, styling, manicures, massages, or other salon services.	167	NUM(8)
SALONX_		175	CHAR(1)

### 5. MIS file

**Beginning in 2004Q2**, the following variable definitions change:

Name	Description
MISCCODE	Code added : '400' – Stamp and Coin Collecting

## III. FILE INFORMATION

The microdata on CD-ROM are provided as SAS data sets or ASCII text files. The 2004 Interview release contains five groups of Interview data files (FMLI, MEMI, MTBI, ITBI, and ITBI\_IMPUTED), 50 EXPN files, and processing files. The FMLI, MEMI, MTBI, ITBI, and ITBI\_IMPUTED 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 2004 through the first quarter of 2005. The FMLI file contains CU characteristics, income, and summary level expenditures; the MEMI file contains Member characteristics and income data; the MTBI file contains expenditures organized on a monthly basis at the UCC level; the ITBI file contains income data converted to a monthly

time frame and assigned to UCCs; and the ITBI\_IMPUTED file contains the five imputation variants of the income data converted to a monthly time frame and assigned to UCCs. Each of the 50 EXPN files contains five quarters of data. The EXPN files contain data directly derived from their respective questionnaire sections.

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

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. The questionnaire for the paper and pencil interview is available on the CD in the Document folder under 'I01\_ce302.pdf'. The CAPI questionnaire is available on the Consumer Expenditure Survey webpage: <http://www.bls.gov/cex/#forms>. A list of the 50 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
UTB Section 4, Part C	Utilities and Fuels for Owned and Rented Properties – Screening Questions
UTC Section 4, Part D	Utilities and Fuels for Owned and Rented Properties – Detailed Questions
CRA Section 5, Part A	Construction, Repairs, Alterations, and Maintenance of Owned and Rented Property – Screening Questions

CRB Section 5, Part B	Construction, Repairs, Alterations, and Maintenance of Owned and Rented Property – Job Description
APA Section 6, Part A	Appliances, Household Equipment, and Other Selected Items – Purchase of Household Appliances
APB Section 6, Part B	Appliances, Household Equipment and Other Selected Items – Purchase of Household Appliances and Other Selected Items
EQB Section 7, Part B	Household Equipment Repairs, Service Contracts, and Furniture Repair and Reupholstering – Household Equipment Repairs and Service Contracts
FRA Section 8, Part A	Home Furnishings and Related Household Items – Purchases
FRB Section 8, Part B	Home Furnishings and Related Household Items – Rental, Leasing, or Repair of Furniture
CLA Section 9, Part A	Clothing and Sewing Materials – Clothing
CLB Section 9, Part B	Clothing and Sewing Materials – Infants Clothing, Watches, Jewelry, and Hairpieces
CLC Section 9, Part C	Clothing and Sewing Materials – Sewing Materials
CLD Section 9, Part D	Clothing and Sewing Materials – Clothing Services
RTV Section 10, Part A.1	Rented and Leased Vehicles – Screening Questions
LSD Section 10, Part B	Rented and Leased Vehicles – Detailed Questions for Leased Vehicles
OVB Section 11, Part B	Owned Vehicles – Detailed Questions
OVC Section 11, Part C	Owned Vehicles – Disposal of Vehicles
VEQ Section 12, Part A	Vehicle Operating Expenses – Vehicle Maintenance and Repair, Parts, and Equipment
VLR Section 12, Part B	Vehicle Operating Expenses – Licensing, Registration, and Inspection of Vehicles
VOT Section 12, Part C	Vehicle Operating Expenses – Other Vehicle Operating Expenses
INB Section 13, Part B	Insurance Other Than Health – Detailed Questions
IHB Section 14, Part B	Hospitalization and Health Insurance – Detailed Questions
IHC Section 14, Part C	Hospitalization and Health Insurance – Medicare, Medicaid and Other Health Insurance Plans Not Directly Paid For By The CU
MDB Section 15, Part B	Medical and Health Expenditures – Payments For Medical Expenses
MDC Section 15, Part C	Medical and Health Expenditures – Reimbursements For Medical Expenses
EDA Section 16	Educational Expenses
SUB Section 17, Part A	Subscriptions, Memberships, Books, and Entertainment Expenses –

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

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

## A. DATA SET NAMES

The file naming convention is as follows:

```

X:\INTRVW04\FMLI041x.* (Interview FMLI file for first quarter, 2004)
X:\INTRVW04\MEMI041x.* (Interview MEMI file for first quarter, 2004)
X:\INTRVW04\MTBI041x.* (Interview MTBI file for first quarter, 2004)
X:\INTRVW04\ITBI041x.* (Interview ITBI file for first quarter, 2004)
X:\INTRVW04\ITBI_IMPUTED041x.* (Interview ITBI_IMPUTED file for first quarter, 2004)
X:\INTRVW04\FMLI042.* (etc.)
X:\INTRVW04\MEMI042.*
X:\INTRVW04\MTBI042.*
X:\INTRVW04\ITBI042.*
X:\INTRVW04\ITBI_IMPUTED042.*
X:\INTRVW04\FMLI043.*
X:\INTRVW04\MEMI043.*
X:\INTRVW04\MTBI043.*
X:\INTRVW04\ITBI043.*
X:\INTRVW04\ITBI_IMPUTED043.*
X:\INTRVW04\FMLI044.*
X:\INTRVW04\MEMI044.*
X:\INTRVW04\MTBI044.*
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X:\INTRVW04\ITBI044.\*  
X:\INTRVW04\ITBI\_IMPUTED044.\*  
X:\INTRVW04\FMLI051.\*  
X:\INTRVW04\MEMI051.\*  
X:\INTRVW04\MTBI051.\*  
X:\INTRVW04\ITBI051.\*  
X:\INTRVW04\ITBI\_IMPUTED051.\*  
X:\INTRVW04\UCCI04.txt  
X:\INTRVW04\VEHI04.txt  
X:\EXPNO4\APL04.\*  
X:\EXPNO4\RNT04.\*  
X:\EXPNO4\OPB04.\*  
X:\EXPNO4\OPD04.\*  
X:\EXPNO4\MOR04.\*  
X:\EXPNO4\HEL04.\*  
X:\EXPNO4\OPH04.\*  
X:\EXPNO4\OPI04.\*  
X:\EXPNO4\UTA04.\*  
X:\EXPNO4\UTP04.\*  
X:\EXPNO4\UTB04.\*  
X:\EXPNO4\UTC04.\*  
X:\EXPNO4\CRA04.\*  
X:\EXPNO4\CRB04.\*  
X:\EXPNO4\APA04.\*  
X:\EXPNO4\APB04.\*  
X:\EXPNO4\EQB04.\*  
X:\EXPNO4\FRA04.\*  
X:\EXPNO4\FRB04.\*  
X:\EXPNO4\CLA04.\*  
X:\EXPNO4\CLB04.\*  
X:\EXPNO4\CLC04.\*  
X:\EXPNO4\CLD04.\*  
X:\EXPNO4\RTV04.\*  
X:\EXPNO4\LSD04.\*  
X:\EXPNO4\OVB04.\*  
X:\EXPNO4\OVC04.\*  
X:\EXPNO4\VEQ04.\*  
X:\EXPNO4\VLR04.\*  
X:\EXPNO4\VOT04.\*  
X:\EXPNO4\INB04.\*  
X:\EXPNO4\IHB04.\*  
X:\EXPNO4\IHC04.\*  
X:\EXPNO4\MDB04.\*  
X:\EXPNO4\MDC04.\*  
X:\EXPNO4\EDA04.\*  
X:\EXPNO4\SUB04.\*  
X:\EXPNO4\ENT04.\*  
X:\EXPNO4\TRV04.\*  
X:\EXPNO4\TRD04.\*  
X:\EXPNO4\TRE04.\*  
X:\EXPNO4\TRF04.\*  
X:\EXPNO4\MIS04.\*  
X:\EXPNO4\CNT04.\*  
X:\EXPNO4\XPA04.\*  
X:\EXPNO4\XPB04.\*  
X:\EXPNO4\FN204.\*

X:\EXPNO4\FNA04.\*

X:\EXPNO4\FNB04.\*

## B. RECORD COUNTS

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

<u>Data Set</u>	Record Counts
FMLI041X.*	7976
FMLI042.*	7779
FMLI043.*	7643
FMLI044.*	7687
FMLI051.*	7759
MEMI041X.*	20098
MEMI042.*	19761
MEMI043.*	19448
MEMI044.*	19238
MEMI051.*	19386
MTBI041X.*	689817
MTBI042.*	641506
MTBI043.*	643888
MTBI044.*	641258
MTBI051.*	677921
ITBI041X.*	447303
ITBI042.*	437832
ITBI043.*	430736
ITBI044.*	432243
ITBI051.*	437226
ITBI_IMPUTED041x.*	618690
ITBI_IMPUTED042.*	604527
ITBI_IMPUTED043.*	594963
ITBI_IMPUTED044.*	599220
ITBI_IMPUTED051.*	607053
APL04.*	361551
RNT04.*	12849
OPB04.*	30751
OPD04.*	239
MOR04.*	18307
HEL04.*	1242
OPH04.*	2768
OPI04.*	44878
UTA04.*	172584

<u>Data Set</u>	<u>Record Counts</u>
UTP04.*	4875
UTB04.*	997
UTC04.*	458120
CRA04.*	1062
CRB04.*	14543
APA04.*	3872
APB04.*	35413
EQB04.*	4980
FRA04.*	40141
FRB04.*	173
CLA04.*	191358
CLB04.*	23560
CLC04.*	4023
CLD04.*	2947
RTV04.*	1069
LSD04.*	1860
OVB04.*	73553
OVC04.*	3009
VEQ04.*	48255
VLR04.*	14141
VOT04.*	38846
INB04.*	111897
IHB04.*	41068
IHC04.*	13039
MDB04.*	82629
MDC04.*	1481
EDA04.*	24440
SUB04.*	26119
ENT04.*	25693
TRV04.*	17593
TRD04.*	6860
TRE04.*	3725
TRF04.*	329
MIS04.*	63236
CNT04.*	38260
XPA04.*	38842
XPB04.*	38842
FN204.*	30575
FNA04.*	8209
FNB04.*	9924

## C. DATA FLAGS

Data fields on the FMLI, MEMI, and EXPN files are explained by flag variables following the data field. The names of the flag variables are derived from the names of the data fields they reference. In general the rule is to add an underscore to the last position of the data field name, for example, 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:

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

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

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

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

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

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

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

## D. INCOME IMPUTATION

Starting in 2004, the CE has 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 will be imputed using a multiple imputation process. These imputed income values will be included in the FMLI, MEMI, ITBI, and ITBI\_IMPUTED 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 will 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 FMLI and MEMI files (INCOMEM, INCOMEM\_, and INCOMEI). For all other imputed income variables, there are 7 associated variables in the FMLI and MEMI 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

Income variables that have imputed values as components (ex: FINCBEFM) will 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 ITBI file will include income UCCs mapped from the INCOMEM variable in the FMLI files. The ITBI\_IMPUTED file will include each of these UCCs, 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, which identifies where the data for that variable is collected on the questionnaire, is listed beneath the variable description. Due to the change to the CAPI instrument, the questionnaire source format will now indicate the CAPI section where the question can be found. The previous questionnaire source is shown in parenthesis and is formatted "S03B 2b", which denotes Section 3, Part B, Question 2b of the questionnaire.

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

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

\*D(Yxxq) identifies a variable that is deleted as of the quarterly file indicated. The year and quarter are identified by the 'xx' and 'q' respectively. For example, the notation \*D(Y043) indicates the variable is deleted starting with the data file of the third quarter of 2004.

\*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 (EXPN)

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

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

### CODED

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

- 5 Inventory data reported in previous quarters' interviews brought forward through the inventory update process. Updates are applied based upon data contained in the current inventory chart.
- 6 Data created by the processing system.

## **G. DETAILED VARIABLE DESCRIPTIONS**

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

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

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

#### **a. CU AND INTERVIEW IDENTIFIERS**

VARIABLE	ITEM DESCRIPTION	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.	3272	NUM(3)
	BLS derived		
HHID_		3275	CHAR(1)
QINTRVMO	Interview month	663	CHAR(2)
	Control Card 37		
QINTRVYR	Interview year	665	CHAR(4)
	Control Card 37		
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)

SMSASTAT      Does CU reside inside a Metropolitan Statistical Area (MSA)?      760      CHAR(1)

CODED

    1 Yes  
     2 No

BLS derived

STATE      State identifier (see Section IV.A. and Section X.D. for important information)      3326      CHAR(2)

01	Alabama	*28	Mississippi
02	Alaska	**29	Missouri
RR04	Arizona	31	Nebraska
*05	Arkansas	R32	Nevada
**06	California	R33	New Hampshire
08	Colorado	34	New Jersey
09	Connecticut	*35	New Mexico
10	Delaware	RR**36	New York
R11	District of Columbia	**37	North Carolina
**12	Florida	RR39	Ohio
**13	Georgia	**40	Oklahoma
15	Hawaii	**41	Oregon
16	Idaho	42	Pennsylvania
**17	Illinois	45	South Carolina
RR**18	Indiana	*46	South Dakota
*19	Iowa	**47	Tennessee
**20	Kansas	48	Texas
21	Kentucky	49	Utah
22	Louisiana	50	Vermont
R*23	Maine	**51	Virginia
24	Maryland	**53	Washington
25	Massachusetts	R54	West Virginia
**26	Michigan	55	Wisconsin
**27	Minnesota		

- \* indicates that the STATE code has been suppressed for all sampled CUs in that state (STATE\_ = 'T' for all observations).
- \*\* indicates that the STATE code has been suppressed for some sampled CUs in that state (STATE\_ = 'T' for some observations).
- R indicates that either all observations from this state have been re-coded or all strata<sup>1</sup> of observations from this state include "re-codes" from other states.
- RR indicates that either some observations from this state have been re-coded or at least one stratum<sup>1</sup> of observations from this state includes "re-codes" from other states.
- R\* indicates that the STATE code has been suppressed for some sampled CUs in that state and, either STATE has been re-coded or the state includes "re-codes" from other states in all strata<sup>1</sup>.
- RR\*\* indicates that the STATE code has been suppressed for some sampled CUs in that state and, either STATE has been re-coded or the state includes "re-codes" from other states in at least one stratum<sup>1</sup>.

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

States not listed are not in the CE sample.

Census derived

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

BLS derived

CUTE_URE		217	CHAR(1)
FAM_SIZE	Number of Members in CU	242	NUM(2)
	BLS derived		
FAM_IZE		244	CHAR(1)
AS_COMP1	Number of males age 16 and over in CU	26	NUM(2)
	BLS derived		
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.	245	CHAR(1)
	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		
FAM_YPE		246	CHAR(1)
NO_EARNR	Number of earners	556	NUM(2)
	BLS derived		
NO_E_RNR		558	CHAR(1)
EARNCOMP	Composition of earners	221	CHAR(1)
	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		
EARN_OMP		222	CHAR(1)
*PRINEARN	Member number (MEMINO in the MEMI file) of the principal earner.	640	CHAR(2)
	BLS derived		
	D(Y041)		
*PRIN_ARN		642	CHAR(1)
	D(Y041)		
*PRINERNM	Member number (MEMINO in the MEMI file)of the principal earner.	6006	CHAR(2)
	BLS derived		
	N(Y041)		
*PRIN_RNM	N(Y041)	6008	CHAR(1)

*PRINERN1	<b>N(Y041)</b>	6009	CHAR(2)
*PRINERN2	<b>N(Y041)</b>	6011	CHAR(2)
*PRINERN3	<b>N(Y041)</b>	6013	CHAR(2)
*PRINERN4	<b>N(Y041)</b>	6015	CHAR(2)
*PRINERN5	<b>N(Y041)</b>	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 BLS derived	3459	NUM(2)
NUM__VAN		3461	CHAR(1)
*INCLASS	Income class of CU based on income before taxes. CODED 01 Less than \$5,000 02 \$5,000 to \$9,999 03 \$10,000 to \$14,999 04 \$15,000 to \$19,999 05 \$20,000 to \$29,999 06 \$30,000 to \$39,999 07 \$40,000 to \$49,999 08 \$50,000 to \$69,999 09 \$70,000 and over BLS derived	3324	CHAR(2)

*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	681	CHAR(1)
	CODED		
	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>D(Y041)</b>		
*INC_ANK		445	CHAR(1)
	<b>D(Y041)</b>		
*INC_RNKU	Weighted cumulative percent income ranking of CU to urban population. Ranking based on income before taxes for complete reporters (urban CUs only). Rank of incomplete income reporters and rural CUs are set to zero.	446	NUM(9,7)
	BLS derived		
	<b>D(Y041)</b>		
*INC_NKU		455	CHAR(1)
	<b>D(Y041)</b>		
*INC_RNKM	Weighted cumulative percent income ranking of CU to urban population.	5655	NUM(9.7)
	BLS derived		
	<b>N(Y041)</b>		
*INC_NKM	<b>N(Y041)</b>	5664	CHAR(1)
*INC_RNK1	<b>N(Y041)</b>	5665	NUM(9.7)
*INC_RNK2	<b>N(Y041)</b>	5674	NUM(9.7)
*INC_RNK3	<b>N(Y041)</b>	5683	NUM(9.7)

*INC_RNK4	<b>N(Y041)</b>	5692	NUM(9.7)
*INC_RNK5	<b>N(Y041)</b>	5701	NUM(9.7)
*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	3356	NUM (11,4)
*ERAN_MTH	BLS derived <b>D(Y041)</b> <b>D(Y041)</b>	3367	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 <b>N(Y041)</b>	4950	NUM(9.7)
*ERANKHM_	<b>N(Y041)</b>	4959	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	4960	NUM(13.4)
*ERNK_THM	BLS derived <b>N(Y041)</b>	4973	CHAR(1)
*ERANKH	Weighted cumulative percent expenditure outlay ranking of CU to total population. Expenditure outlay is based on ERANKMTH. The value is a number between 0 and 1. Rank of incomplete income reporters is blank.  BLS derived <b>D(Y041)</b>	3368	NUM (8,7)
*ERANKH_	<b>D(Y041)</b>	3377	CHAR(1)
*ERANKUH	Weighted cumulative percent expenditure outlay ranking of CU to urban population. Expenditure outlay is based on ERANKMTH. The value is a number between 0 and 1. Rank of incomplete income reporters is blank.  BLS derived <b>D(Y041)</b>	3378	NUM (8,7)

*ERANKUH_			3386	CHAR(1)
*POV_CY	<b>D(Y041)</b> Is CU income below current year's poverty threshold? (Income is defined as FINCBTAX-JFDSTMPA.)	CODED 1 Yes 2 No	3276	CHAR(1)
*POV_CY_	BLS derived <b>D(Y041)</b>	<b>D(Y041)</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 <b>N(Y041)</b>	5992	CHAR(1)
*POV_C_M	<b>N(Y041)</b>		5993	CHAR(1)
*POV_CY1	<b>N(Y041)</b>		5994	CHAR(1)
*POV_CY2	<b>N(Y041)</b>		5995	CHAR(1)
*POV_CY3	<b>N(Y041)</b>		5996	CHAR(1)
*POV_CY4	<b>N(Y041)</b>		5997	CHAR(1)
*POV_CY5	<b>N(Y041)</b>		5998	CHAR(1)
*POV_PY	Is CU income below previous year's poverty threshold? (Income is defined as FINCBTAX-JFDSTMPA.)	CODED 1 Yes 2 No	3278	CHAR(1)
*POV_PY_	BLS derived <b>D(Y041)</b>	<b>D(Y041)</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 <b>N(Y041)</b>	5999	CHAR(1)
*POV_P_M	<b>N(Y041)</b>		6000	CHAR(1)
*POV_PY1	<b>N(Y041)</b>		6001	CHAR(1)
*POV_PY2	<b>N(Y041)</b>		6002	CHAR(1)

*POV_PY3	<b>N(Y041)</b>	6003	CHAR(1)
*POV_PY4	<b>N(Y041)</b>	6004	CHAR(1)
*POV_PY5	<b>N(Y041)</b>	6005	CHAR(1)
POVLEV PY	Poverty threshold for this CU in the previous year.	4191	NUM(8)
POVL_VPY		4199	CHAR(1)
CUINCOME	Total CU Income CODED 2 Loss 02 Under \$3,000 03 \$3,000 to \$5,999 04 \$6,000 to \$7,499 05 \$7,500 to \$9,999 06 \$10,000 to \$12,999 07 \$13,000 to \$14,999 08 \$15,000 to \$19,999 09 \$20,000 to \$24,999 10 \$25,000 to \$29,999 11 \$30,000 to \$34,999 12 \$35,000 to \$49,999 13 \$50,000 to \$74,999 14 \$75,000+	3435	CHAR(2)

CAPI Section 24 (S24 1)

CUIN_OME		3437	CHAR(1)
RECORDS	In answering questions about expenses, did the respondent consult bills, receipts, check stubs, expense books, tax returns, or other records? CODED 1 Always 2 Almost always 3 Mostly 4 Occasionally 5 Almost never 6 Never	3438	CHAR(1)

CAPI Section 1 (S01A 8c)

RECORDS_		3439	CHAR(1)
TYPEREC1	If any bills, receipts, or records were used, which ones did the respondent(s) use to give cost information? CODED 1 Bills	3440	CHAR(1)

CAPI Section 1 (01A 8d)

TYPE_EC1		3441	CHAR(1)
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TYPEREC2	See TYPEREC1 for question and source. CODED 2 Checkbook ledger or stubs	3442	CHAR(1)
TYPE_EC2		3443	CHAR(1)
TYPEREC3	See TYPEREC1 for question and source. CODED 3 Canceled checks	3444	CHAR(1)
TYPE_EC3		3445	CHAR(1)
TYPEREC4	See TYPEREC1 for question and source. CODED 4 Receipts of purchase (sales slip)	3446	CHAR(1)
TYPE_EC4		3447	CHAR(1)
TYPEREC5	See TYPEREC1 for question and source. CODED 5 Home file (provided by Census Bureau)	3448	CHAR(1)
TYPE_EC5		3449	CHAR(1)
TYPEREC6	See TYPEREC1 for question and source. CODED 6 Contracts or agreements	3450	CHAR(1)
TYPE_EC6		3451	CHAR(1)
TYPEREC7	See TYPEREC1 for question and source. CODED 7 Bank statements	3452	CHAR(1)
TYPE_EC7		3453	CHAR(1)
TYPEREC8	See TYPEREC1 for question and source. CODED 8 Other	3454	CHAR(1)
TYPE_EC8		3455	CHAR(1)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
AGE_REF	Age of reference person BLS derived	11	NUM(2)
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	669	CHAR(1)
	BLS derived		
RACE2_		670	CHAR(1)
SEX2	Sex of spouse CODED – same as SEX_REF	740	CHAR(1)
	BLS derived		
SEX2_		741	CHAR(1)
EDUCA2	Education of spouse CODED – same as EDUC_REF	236	CHAR(2)
	BLS derived		
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	593	CHAR(2)
	Manager, professional 01 Administrator, manager 02 Teacher 03 Professional		
	Administrative support, technical, sales 04 Administrative support, including clerical 05 Sales, retail 06 Sales, business goods and services 07 Technician		
	Service 08 Protective service 09 Private household service 10 Other service		
	Operator, assembler, laborer 11 Machine operator, assembler, inspector 12 Transportation operator 13 Handler, helper, laborer		
	Precision production, craft, repair 14 Mechanic, repairer, precision production 15 Construction, mining		
	Farming, forestry, fishing 16 Farming 17 Forestry, fishing, groundskeeping		
	Armed forces 3 Armed forces		
OCCU_OD1	BLS derived	595	CHAR(1)
INCOMEY1	Employer from which reference person received the most earnings in past 12 months CODED	478	CHAR(1)
	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		
INCO_EY1	BLS derived	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	474	CHAR(1)
BLS derived			
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	485	NUM(2)
BLS derived			
INCW_EK2		487	CHAR(1)
INC_HRS2	Number of hours usually worked per week by spouse	431	NUM(3)
BLS derived			
INC_RS2		434	CHAR(1)
OCCUCOD2	Job in which spouse received the most earnings during the past 12 months CODED – same as OCCUCOD1	596	CHAR(2)
BLS derived			
OCCU_OD2		598	CHAR(1)
INCOMEY2	Employer from which spouse received most earnings during the past 12 months CODED – same as INCOMEY1	480	CHAR(1)
BLS derived			
INCO_EY2		481	CHAR(1)
INCNONW2	Reason spouse did not work during the past 12 months CODED – same as INCNONW1	476	CHAR(1)
BLS derived			
INCN_NW2		477	CHAR(1)

e. **INCOME**

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 + FININCXM + PENSIONX + INCLOSSA + INCLOSSB + ALIOTHX + CHDOTHX + OTHRINCX + COMPNSBX + UNEMPLBX + WLFREBX + INTERNBX + FININCBX + INCLSABX + PNSIONBX + INCLSBXB + CHDOTHBX + ALIOTHBX + OTRINCBX + FOODSMPX + FOODSPBX)	303	NUM(9)
	L		
	BLS derived <b>D(Y041)</b>		
*FINCBT_X	<b>D(Y041)</b>	312	CHAR(1)
	<b>D(Y041)</b>		
*FINCBTXM	Amount of CU income before taxes in past 12 months (FSALARYXM + FNONFRMM + FFRMINCM + FRRETIRM + FSSIXM + UNEMPLXM + COMPENSM + WELFAREM + INTEARNX + FININCM + PENSIONM + INCLOSSAM + INCLOSSBM + ALIOTHXM + CHDOTHXM + OTHRINCM + FOODSMPM )	5145	NUM(11.1)
	*L		
	<b>N(Y041)</b>		
*FINCB_XM	<b>N(Y041)</b>	5156	CHAR(1)
*FINCBTX1	<b>N(Y041)</b>	5157	NUM(9)
*FINCBTX2	<b>N(Y041)</b>	5166	NUM(9)
*FINCBTX3	<b>N(Y041)</b>	5175	NUM(9)
*FINCBTX4	<b>N(Y041)</b>	5184	NUM(9)
*FINCBTX5	<b>N(Y041)</b>	5193	NUM(9)
*FINCBTXI	<b>N(Y041)</b>	5202	NUM(3)
*FINCATAX	Amount of CU income after taxes in past 12 months (FINCBTAX – TOTXPDX)	293	NUM(9)
	L		
	BLS derived <b>D(Y041)</b>		
*FINCAT_X	<b>D(Y041)</b>	302	CHAR(1)
	<b>D(Y041)</b>		
*FINCATXM	Amount of CU income after taxes in past 12 months (FINCBTXM – TOTXPDX)	5088	NUM(11.1)
	*L		
	<b>N(Y041)</b>		
*FINCA_XM	<b>N(Y041)</b>	5099	CHAR(1)
*FINCATX1	<b>N(Y041)</b>	5100	NUM(9)

*FINCATX2	<b>N(Y041)</b>	5109	NUM(9)
*FINCATX3	<b>N(Y041)</b>	5118	NUM(9)
*FINCATX4	<b>N(Y041)</b>	5127	NUM(9)
*FINCATX5	<b>N(Y041)</b>	5136	NUM(9)
*NO_EARNX	Amount of CU income other than earnings before taxes in past 12 months (FRRETIRX + FSSIX + UNEMPLX + COMPENSX + WELFAREX + INTEARNX + FININCX + PENSIONX + INCLOSSA + INCLOSSB + ALIOTHX + CHDOTHX + OTHRINCX + UNEMPLBX + COMPNSBX + WELFREBX + INTERNBX + FININCBX + PNSIONBX + INCLSABX + INCLSBXB + ALIOTHBX + CHDOTHBX + OTRINCBX + FOODSMPX + FOODSPBX).	559	NUM(9)
	L		
	BLS derived <b>D(Y041)</b>		
*NO_E_RNX	<b>D(Y041)</b>	568	CHAR(1)
*FSALARYX	Amount of wage and salary income before deductions received by all CU Members in past 12 months (sum SALARYX + SALARYBX from MEMI file for all CU Members)	388	NUM(8)
	BLS derived <b>D(Y041)</b>		
*FSAL_RYX	<b>D(Y041)</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 MEMI file for all CU Members)	5496	NUM(10.1)
	BLS derived <b>N(Y041)</b>		
*FSAL_RYM	<b>N(Y041)</b>	5506	CHAR(1)
*FSALARY1	<b>N(Y041)</b>	5507	NUM(8)
*FSALARY2	<b>N(Y041)</b>	5515	NUM(8)
*FSALARY3	<b>N(Y041)</b>	5523	NUM(8)
*FSALARY4	<b>N(Y041)</b>	5531	NUM(8)
*FSALARY5	<b>N(Y041)</b>	5539	NUM(8)
*FSALARYI	<b>N(Y041)</b>	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 + NONFRMBX from MEMI file for all CU Members)	351	NUM(9)
	L		
	BLS derived <b>D(Y041)</b>		
*FNON_RMX	<b>D(Y041)</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 MEMI file for all CU Members)	5310	NUM(11.1)
	*L		
	BLS derived <b>N(Y041)</b>		
*FNON_RMM	<b>N(Y041)</b>	5321	CHAR(1)
*FNONFRM1	<b>N(Y041)</b>	5322	NUM(9)
*FNONFRM2	<b>N(Y041)</b>	5331	NUM(9)
*FNONFRM3	<b>N(Y041)</b>	5340	NUM(9)
*FNONFRM4	<b>N(Y041)</b>	5349	NUM(9)
*FNONFRM5	<b>N(Y041)</b>	5358	NUM(9)
*FNONFRMI	<b>N(Y041)</b>	5367	NUM(3)
*FFRMINCX	Amount of income or loss from own farm received by all CU Members in past 12 months (sum FARMINCX + FRMINCBX from MEMI file for all CU Members)	274	NUM(9)
	L		
	BLS derived <b>D(Y041)</b>		
*FFRM_NCX	<b>D(Y041)</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 MEMI file for all CU Members)	5024	NUM(11.1)
	*L		
	BLS derived <b>N(Y041)</b>		
*FFRM_NCM	<b>N(Y041)</b>	5035	CHAR(1)
*FFRMINC1	<b>N(Y041)</b>	5036	NUM(8)

*FFRMINC2	<b>N(Y041)</b>	5044	NUM(8)
*FFRMINC3	<b>N(Y041)</b>	5052	NUM(8)
*FFRMINC4	<b>N(Y041)</b>	5060	NUM(8)
*FFRMINC5	<b>N(Y041)</b>	5068	NUM(8)
*FFRMINCI	<b>N(Y041)</b>	5076	NUM(3)
*FSSIX	Amount of Supplemental Security Income from all sources received by all CU Members in past 12 months (sum SSIX + SSIBX from MEMI file for all Members)  <b>D(Y041)</b>	406	NUM(8)
*FSSIX_	<b>D(Y041)</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 MEMI file for all Members)  BLS derived <b>N(Y041)</b>	5601	NUM(10.1)
*FSSIXM_	<b>N(Y041)</b>	5611	CHAR(1)
*FSSIX1	<b>N(Y041)</b>	5612	NUM(8)
*FSSIX2	<b>N(Y041)</b>	5620	NUM(8)
*FSSIX3	<b>N(Y041)</b>	5628	NUM(8)
*FSSIX4	<b>N(Y041)</b>	5636	NUM(8)
*FSSIX5	<b>N(Y041)</b>	5644	NUM(8)
*FSSIXI	<b>N(Y041)</b>	5652	NUM(3)
*UNEMPLX	During the past 12 months, what was the total amount of income from unemployment compensation received by ALL CU Members?  CAPI Section 22 (S 22B 4b) <b>D(Y041)</b>	791	NUM(8)
*UNEMPLX_	<b>D(Y041)</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?  CAPI Section 22 (S 22B 4b) <b>N(Y041)</b>	6076	NUM(10.1)
*UNEM_LXM	<b>N(Y041)</b>	6086	CHAR(1)

*UNEMPLX1	<b>N(Y041)</b>	6087	NUM(8)
*UNEMPLX2	<b>N(Y041)</b>	6095	NUM(8)
*UNEMPLX3	<b>N(Y041)</b>	6103	NUM(8)
*UNEMPLX4	<b>N(Y041)</b>	6111	NUM(8)
*UNEMPLX5	<b>N(Y041)</b>	6119	NUM(8)
*UNEMPLXI	<b>N(Y041)</b>	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 (S 22B 4c)		
UNEMPLB_		4646	CHAR(1)
UNEMPLBX	Median of bracket range of UNEMPLB	4647	NUM(6)
	BLS derived		
UNEM_LBX		4653	CHAR(1)
*COMPENSX	During the past 12 months, what was the total amount of income from workers' compensation or veterans' benefits, including education benefits, but excluding military retirement, received by ALL CU Members?	165	NUM(8)
	CAPI Section 22 (S 22B 5b)		
	<b>D(Y041)</b>		
*COMP_NSX	<b>D(Y041)</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 (S 22B 5b) <b>N(Y041)</b>			
*COMP_NSM	<b>N(Y041)</b>	4906	CHAR(1)
*COMPENS1	<b>N(Y041)</b>	4907	NUM(8)
*COMPENS2	<b>N(Y041)</b>	4915	NUM(8)
*COMPENS3	<b>N(Y041)</b>	4923	NUM(8)
*COMPENS4	<b>N(Y041)</b>	4931	NUM(8)
*COMPENS5	<b>N(Y041)</b>	4939	NUM(8)
*COMPENSI	<b>N(Y041)</b>	4947	NUM(3)
*COMPENS1	<b>N(Y041)</b>	4907	NUM(8)
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 (S 22B 5c)

COMP_NSB		4656	CHAR(1)
COMPNSBX	Median of bracket range of COMPENSB	4657	NUM(6)
BLS derived			
COMP_SBX		4663	CHAR(1)

*WELFAREX	During the past 12 months, what was the total amount of income from public assistance or welfare including money received from job training grants such as Job Corps received by ALL CU Members?	832	NUM(8)
*WELF_REX	CAPI Section 22 (S 22B 6b) <b>D(Y041)</b>	840	CHAR(1)
*WELF_REM	<b>D(Y041)</b>		
*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)
*WELF_REM	CAPI Section 22 (S 22B 6b) <b>N(Y041)</b>	6140	CHAR(1)
*WELFARE1	<b>N(Y041)</b>	6141	NUM(8)
*WELFARE2	<b>N(Y041)</b>	6149	NUM(8)
*WELFARE3	<b>N(Y041)</b>	6157	NUM(8)
*WELFARE4	<b>N(Y041)</b>	6165	NUM(8)
*WELFARE5	<b>N(Y041)</b>	6173	NUM(8)
*WELFAREI	<b>N(Y041)</b>	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 (S 22B 6c)		
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)
*INTE_RNX	CAPI Section 22 (S 22B 1b) <b>D(Y041)</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)
*INTE_RNM	CAPI Section 22 (S 22B 1b) <b>N(Y041)</b>	5840	CHAR(1)
*INTEARN1	<b>N(Y041)</b>	5841	NUM(8)
*INTEARN2	<b>N(Y041)</b>	5849	NUM(8)
*INTEARN3	<b>N(Y041)</b>	5857	NUM(8)
*INTEARN4	<b>N(Y041)</b>	5865	NUM(8)
*INTEARN5	<b>N(Y041)</b>	5873	NUM(8)
*INTEARNI	<b>N(Y041)</b>	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 (S 22B 1c)		
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)
*FININCX_	CAPI Section 22 (S 22B 2b) <b>D(Y041)</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)
*FINI_CXM	CAPI Section 22 (S 22B 2b) <b>N(Y041)</b>	5215	CHAR(1)
*FININCX1	<b>N(Y041)</b>	5216	NUM(8)
*FININCX2	<b>N(Y041)</b>	5224	NUM(8)
*FININCX3	<b>N(Y041)</b>	5232	NUM(8)
*FININCX4	<b>N(Y041)</b>	5240	NUM(8)
*FININCX5	<b>N(Y041)</b>	5248	NUM(8)
*FININCXI	<b>N(Y041)</b>	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 (S 22B 2c)		
FININCB_		4626	CHAR(1)
FININCBX	Median of bracket range of FININCB	4627	NUM(6)
	BLS derived		

FINI_CBX		4633	CHAR(1)
*PENSIONX	During the past 12 months, what was the total amount of income from pensions or annuities from private companies, military, Government, IRA, or Keogh received by ALL CU Members?	624	NUM(8)
*PENS_ONX	CAPI Section 22 (S 22B 3b) <b>D(Y041)</b>	632	CHAR(1)
*PENS_ONM	CAPI Section 22 (S 22B 3b) <b>N(Y041)</b>	5938	NUM(10.1)
*PENS_ONM	<b>N(Y041)</b>	5948	CHAR(1)
*PENSION1	<b>N(Y041)</b>	5949	NUM(8)
*PENSION2	<b>N(Y041)</b>	5957	NUM(8)
*PENSION3	<b>N(Y041)</b>	5965	NUM(8)
*PENSION4	<b>N(Y041)</b>	5973	NUM(8)
*PENSION5	<b>N(Y041)</b>	5981	NUM(8)
*PENSIONI	<b>N(Y041)</b>	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 (S 22B 3c)		
PENS_ONB		4636	CHAR(1)
PNSIONBX	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? *L	456	NUM(8)
	CAPI Section 22 (S 22B 8a) <b>D(Y041)</b>		
*INCL_SSA	<b>D(Y041)</b>	464	CHAR(1)
*INCLOSAM	During the past 12 months, how much net income or loss was received from roomers or boarders? *L	5710	NUM(11.1)
	CAPI Section 22 (S 22B 8a) <b>N(Y041)</b>		
*INCL_SAM	<b>N(Y041)</b>	5721	CHAR(1)
*INCLOSA1	<b>N(Y041)</b>	5722	NUM(9)
*INCLOSA2	<b>N(Y041)</b>	5731	NUM(9)
*INCLOSA3	<b>N(Y041)</b>	5740	NUM(9)
*INCLOSA4	<b>N(Y041)</b>	5749	NUM(9)
*INCLOSA5	<b>N(Y041)</b>	5758	NUM(9)
*INCLOSAI	<b>N(Y041)</b>	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 (S 22B 8b)		
INCL_SAB		4696	CHAR(1)

INCLSABX	Median of bracket range of INCLOSAB *L BLS derived	4697	NUM(6)
INCL_ABX		4703	CHAR(1)
*INCLOSSB	During the past 12 months, how much net income or loss was received from payments from other rental units? *L	465	NUM(8)
*INCL_SSB	CAPI Section 22 (S 22B 8c) <b>D(Y041)</b>	473	CHAR(1)
*INCLOSBM	During the past 12 months, how much net income or loss was received from payments from other rental units? *L	5770	NUM(11.1)
	CAPI Section 22 (S 22B 8c) <b>N(Y041)</b>		
*INCL_SBM	<b>N(Y041)</b>	5781	CHAR(1)
*INCLOSB1	<b>N(Y041)</b>	5782	NUM(9)
*INCLOSB2	<b>N(Y041)</b>	5791	NUM(9)
*INCLOSB3	<b>N(Y041)</b>	5800	NUM(9)
*INCLOSB4	<b>N(Y041)</b>	5809	NUM(9)
*INCLOSB5	<b>N(Y041)</b>	5818	NUM(9)
*INCLOSB1	<b>N(Y041)</b>	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 (S 22B 8d)		

INCL_SBB		4706	CHAR(1)
INCLSBBX	Median of bracket range of INCLOSBB *L BLS derived	4707	NUM(6)
INCL_BBX		4713	CHAR(1)
*CHDOTHX	During the past 12 months, what was the total amount of income from child support payments in other than a lump sum amount received by ALL CU Members?	3329	NUM(8)
	CAPI Section 22 (S 22B 9d) <b>D(Y041)</b>		
*CHDOTHX_	<b>D(Y041)</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?		
	CAPI Section 22 (S 22B 9d) <b>N(Y041)</b>	4842	NUM(10.1)
*CHDO_HXM	<b>N(Y041)</b>	4852	CHAR(1)
*CHDOTHX1	<b>N(Y041)</b>	4853	NUM(8)
*CHDOTHX2	<b>N(Y041)</b>	4861	NUM(8)
*CHDOTHX3	<b>N(Y041)</b>	4869	NUM(8)
*CHDOTHX4	<b>N(Y041)</b>	4877	NUM(8)
*CHDOTHX5	<b>N(Y041)</b>	4885	NUM(8)
*CHDOTHXI	<b>N(Y041)</b>	4893	NUM(3)
CHDOTHB	Bracketed variable for CHDOTHXM	4724	CHAR(2)

CODED

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

CAPI Section 22 (S 22B 9e)

CHDOTHB_		4726	CHAR(1)
CHDOTHBX	Median of bracket range of CHDOTHB  BLS derived	4727	NUM(6)
CHDO_HBX		4733	CHAR(1)
*ALIOTHX	During the past 12 months, what was the total amount of income from regular contributions from alimony and other sources such as from persons outside the CU received by ALL CU Members?	3338	NUM(8)
	CAPI Section 22 (S 22B 9h) <b>D(Y041)</b>		
*ALIOTHX_	<b>D(Y041)</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 (S 22B) <b>N(Y041)</b>		
*ALIO_HXM	<b>N(Y041)</b>	4798	CHAR(1)
*ALIOTHX1	<b>N(Y041)</b>	4799	NUM(8)
*ALIOTHX2	<b>N(Y041)</b>	4807	NUM(8)
*ALIOTHX3	<b>N(Y041)</b>	4815	NUM(8)
*ALIOTHX4	<b>N(Y041)</b>	4823	NUM(8)
*ALIOTHX5	<b>N(Y041)</b>	4831	NUM(8)
*ALIOTHXI	<b>N(Y041)</b>	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 (S 22B 9i)		
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 (S 22B 12b) <b>D(Y041)</b>		
*OTHR_NCX	<b>D(Y041)</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 (S 22B 12b) <b>N(Y041)</b>		
*OTHR_NCM	<b>N(Y041)</b>	5894	CHAR(1)
*OTHRINC1	<b>N(Y041)</b>	5895	NUM(8)
*OTHRINC2	<b>N(Y041)</b>	5903	NUM(8)
*OTHRINC3	<b>N(Y041)</b>	5911	NUM(8)
*OTHRINC4	<b>N(Y041)</b>	5919	NUM(8)
*OTHRINC5	<b>N(Y041)</b>	5927	NUM(8)

*OTHRINCI	<b>N(Y041)</b>	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 (S 22B 12c)			
OTHR_NCB		4766	CHAR(1)
OTRINCBX	Median of bracket range of OTHRINCB	4767	NUM(6)
BLS derived			
OTRI_CBX		4773	CHAR(1)
*FOODSMPX	Value of all food stamps and electronic benefits received	4677	NUM(6)
CAPI Section 22 (S 22B 7c) <b>D(Y041)</b>			
*FOOD_MPX	<b>D(Y041)</b>	4683	CHAR(1)
*FOODSMPM	Value of all food stamps and electronic benefits received	5370	NUM(10.1)
CAPI Section 22 (S 22B 7c) <b>N(Y041)</b>			
*FOOD_MPM	<b>N(Y041)</b>	5380	CHAR(1)
*FOODSMP1	<b>N(Y041)</b>	5381	NUM(8)
*FOODSMP2	<b>N(Y041)</b>	5389	NUM(8)
*FOODSMP3	<b>N(Y041)</b>	5397	NUM(8)
*FOODSMP4	<b>N(Y041)</b>	5405	NUM(8)
*FOODSMP5	<b>N(Y041)</b>	5413	NUM(8)
*FOODSMPI	<b>N(Y041)</b>	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 (S 22B 7d)			
FOOD_MPB		4686	CHAR(1)
FOODSPBX	Median of bracket range of FOODSMPB	4687	NUM(6)
BLS derived			
FOOD_PBX		4693	CHAR(1)
*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 (S 22G) <b>N(Y041)</b>			
*COLPLAN_	<b>N(Y041)</b>	6211	CHAR(1)
*COLPLANX	Amount CU put into a tax-deferred or tax-free educational savings plan	6212	NUM(8)
CAPI Section 22 (S 22G) <b>N(Y041)</b>			
*COLP_ANX	<b>N(Y041)</b>	6220	CHAR(1)

f. **OTHER MONEY RECEIPTS**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NONINCMX	Amount of other money receipts excluded from CU income before taxes received by CU in past 12 months (LUMPSUMX + LMPSUMBX + SALEINCX + SALINCXBX + SSOVERPX + INSRFNDX + PTAXRFDX + CHDLMPX + CHDLMBX)	572	NUM(8)
	BLS derived		
NONI_CMX		580	CHAR(1)
LUMPSUMX	During the past 12 months, what was the total amount received from lump sum payments from estates, trusts, royalties, alimony, prizes, games of chance, or from persons outside of the CU by ALL CU Members?	527	NUM(8)
	CAPI Section 22 (S 22B 10b)		
LUMP_UMX		535	CHAR(1)
LUMPSUMB	Bracketed variable for LUMPSUMX	4744	CHAR(2)
	CODED		
	01 \$0 - \$999		
	02 \$1,000 - \$1,999		
	03 \$2,000 - \$2,999		
	04 \$3,000 - \$3,999		
	05 \$4,000 - \$4,999		
	06 \$5,000 - \$9,999		
	07 \$10,000 - \$14,999		
	08 \$15,000 - \$19,999		
	09 \$20,000 - \$29,999		
	10 \$30,000 - \$39,999		
	11 \$40,000 - \$49,999		
	12 \$50,000 and over		
	CAPI Section 22 (S 22B 10c)		
LUMP_UMB		4746	CHAR(1)
LMPSUMBX	Median of bracket range of LUMPSUMB	4747	NUM(6)
	BLS derived		
LMPS_MBX		4753	CHAR(1)
CHDLMPX	During the past 12 months, what was the total amount received from a one time lump sum payment for child support by ALL CU Members?	3347	NUM(8)
	CAPI Section 22 (S 22B 9b)		

CHDLMPX_		3355	CHAR(1)
CHDLMPB	Bracketed variable for CHDLMPX	4714	CHAR(2)
CODED			
01 \$0 - \$999 02 \$1,000 - \$1,999 03 \$2,000 - \$2,999 04 \$3,000 - \$3,999 05 \$4,000 - \$4,999 06 \$5,000 - \$9,999 07 \$10,000 - \$14,999 08 \$15,000 - \$19,999 09 \$20,000 - \$29,999 10 \$30,000 - \$39,999 11 \$40,000 - \$49,999 12 \$50,000 and over			
CAPI Section 22 (S 22B 9c)			
CHDLMPB_		4716	CHAR(1)
CHDLMPBX	Median of bracket range of CHDLMPB	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 (S 22B 11b)			
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 (S 22B 11c)			

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?	761	NUM(8)
	CAPI Section 22 (S 22B 13c)		
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?	488	NUM(8)
	CAPI Section 22 (S 22B 13d)		
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?	643	NUM(8)
	CAPI Section 22 (S 22B 13e)		
PTAX_FDX		651	CHAR(1)

**g. TAXES**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*TOTTXPDX	Amount of personal taxes paid by CU in past 12 months (FAMTFEDX + FSLTAXX + FEDTAXX + SLOCTAXX + TAXPROPX + MISCTAXX - (FEDRFNDX + SLRFUNDX + OTHRFNDX)) *L	781	NUM(9)
*TOTT_PDX	BLS derived <b>D(Y041)</b> <b>D(Y041)</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 <b>N(Y041)</b>	6019	NUM(11.1)

*TOTT_PDM	<b>N(Y041)</b>	6030	CHAR(1)
*TOTTXPD1	<b>N(Y041)</b>	6031	NUM(9)
*TOTTXPD2	<b>N(Y041)</b>	6040	NUM(9)
*TOTTXPD3	<b>N(Y041)</b>	6049	NUM(9)
*TOTTXPD4	<b>N(Y041)</b>	6058	NUM(9)
*TOTTXPD5	<b>N(Y041)</b>	6067	NUM(9)
*FAMTFEDX	Amount of Federal income tax deducted from last pay annualized for all CU Members (sum ANFEDTX from MEMI file for all CU Members)	247	NUM(8)
*FAMT_EDX	BLS derived <b>D(Y041)</b>	255	CHAR(1)
	<b>D(Y041)</b>		
*FAMTFEDM	Amount of Federal income tax deducted from last pay annualized for all CU Members (sum ANFEDTXM from MEMI file for all CU Members)	4974	NUM(9.1)
*FAMT_EDM	BLS derived <b>N(Y041)</b>	4983	CHAR(1)
	<b>N(Y041)</b>		
*FAMTFED1	<b>N(Y041)</b>	4984	NUM(8)
*FAMTFED2	<b>N(Y041)</b>	4992	NUM(8)
*FAMTFED3	<b>N(Y041)</b>	5000	NUM(8)
*FAMTFED4	<b>N(Y041)</b>	5008	NUM(8)
*FAMTFED5	<b>N(Y041)</b>	5016	NUM(8)
FEDTAXX_		273	CHAR(1)
FEDRFNDX	During the past 12 months, what was the total amount of refund received from Federal income tax by ALL CU Members?	256	NUM(8)
	CAPI Section 22 (S 22B 13a)		
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 MEMI file for all CU Members)	397	NUM(8)
	BLS derived <b>D(Y041)</b>		

*FSLTAXX_	<b>D(Y041)</b>	405	CHAR(1)
*FSLTAXXM	Amount of state and local income taxes deducted from last pay annualized for all CU Members (sum ANSLTXM from MEMI file for all CU Members)	5550	NUM(10.1)
	BLS derived <b>N(Y041)</b>		
*FSLT_XXM	<b>N(Y041)</b>	5560	CHAR(1)
*FSLTAXX1	<b>N(Y041)</b>	5561	NUM(8)
*FSLTAXX2	<b>N(Y041)</b>	5569	NUM(8)
*FSLTAXX3	<b>N(Y041)</b>	5577	NUM(8)
*FSLTAXX4	<b>N(Y041)</b>	5585	NUM(8)
*FSLTAXX5	<b>N(Y041)</b>	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 (S 22B 14b)		
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 (S 22B 13b)		
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 (S 22B 14c)		
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 (S 22B 14d)		
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 (S 22B 13f)		
OTHR_NDX		614	CHAR(1)

**h. RETIREMENT AND PENSION DEDUCTIONS**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*FJSSDEDX	Estimated amount of income contributed to Social Security by all CU Members in past 12 months (sum JSSDEDX from MEMI file for all CU Members)	342	NUM(8)
	BLS derived <b>D(Y041)</b>		
*FJSS_EDX	<b>D(Y041)</b>	350	CHAR(1)
*FJSSDEDM	Estimated amount of income contributed to Social Security by all CU Members in past 12 months (sum JSSDEDM from MEMI file for all CU Members)	5259	NUM(10.1)
	BLS derived <b>N(Y041)</b>		
*FJSS_EDM	<b>N(Y041)</b>	5269	CHAR(1)
*FJSSDED1	<b>N(Y041)</b>	5270	NUM(8)
*FJSSDED2	<b>N(Y041)</b>	5278	NUM(8)
*FJSSDED3	<b>N(Y041)</b>	5286	NUM(8)
*FJSSDED4	<b>N(Y041)</b>	5294	NUM(8)
*FJSSDED5	<b>N(Y041)</b>	5302	NUM(8)
*FRRDEDX	Amount of Railroad Retirement deducted from last pay annualized for all CU Members (sum ANRRDEDX from MEMI file for all CU Members)	370	NUM(8)
	BLS derived <b>D(Y041)</b>		
*FRRDEX_	<b>D(Y041)</b>	378	CHAR(1)

*FRRDEDM	Amount of Railroad Retirement deducted from last pay annualized for all CU Members (sum ANRRDEDM from MEMI file for all CU Members)	5433	NUM(8)
	BLS derived <b>N(Y041)</b>		
*FRRDEDM_	<b>N(Y041)</b>	5441	CHAR(1)
*FGOVRETX	Amount of government retirement deducted from last pay annualized for all CU Members (sum ANGOVRTX from MEMI file for all CU Members)	284	NUM(8)
	BLS derived <b>D(Y041)</b>		
*FGOV_ETX	<b>D(Y041)</b>	292	CHAR(1)
*FGOVRETM	Amount of government retirement deducted from last pay annualized for all CU Members (sum ANGOVRTM from MEMI file for all CU Members)	5079	NUM(8)
	BLS derived <b>N(Y041)</b>		
*GOV_ETM	<b>N(Y041)</b>	5087	CHAR(1)
*FPRI彭NX	Amount of private pensions deducted from last pay annualized for all CU Members (sum ANPRVPNX from MEMI file for all CU Members)	361	NUM(8)
	BLS derived <b>D(Y041)</b>		
*FPRI_ENX	<b>D(Y041)</b>	369	CHAR(1)
*FPRI彭NM	Amount of private pensions deducted from last pay annualized for all CU Members (sum ANPRVPNM from MEMI file for all CU Members)	5424	NUM(8)
	BLS derived <b>N(Y041)</b>		
*FPRI_ENM	<b>N(Y041)</b>	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 MEMI file for all CU Members)	313	NUM(8)
	BLS derived		

j. **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?	696	NUM(10)
	CAPI Section 22 (S22G.S 1a)		
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?	185	CHAR(1)
	CODED		
	1 Same		
	2 More		
	3 Less		
	CAPI Section 22 (S22G.S 2a)		
COMPSAV_		186	CHAR(1)
COMPSAVX	How much more (less) in savings accounts? *L	187	NUM(8)
	CAPI Section 22 (S22G.S 2a)		
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?	85	NUM(10)
	CAPI Section 22 (S22G.S 1b)		
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?	154	CHAR(1)
	CODED		
	1 Same		
	2 More		
	3 Less		
	CAPI Section 22 (S22G.S 2b)		

COMPCKG_		155	CHAR(1)
COMPCKGX	How much more (less) in checking accounts? *L	156	NUM(8)
CAPI Section 22 (S22G.S 2b)			
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 (S22G.S 1c)			
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?	143	CHAR(1)
CODED			
1 Same			
2 More			
3 Less			
CAPI Section 22 (S22G.S 2c)			
COMPBND_		144	CHAR(1)
COMPBNDX	How much more (less) in U.S. Savings bonds? *L	145	NUM(8)
CAPI Section 22 (S22G.S 2c)			
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 (S22G.S 3b)			
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> )?	196	CHAR(1)
CODED			
1 Same			
2 More			
3 Less			
CAPI Section 22 (S22G.S 3c)			
COMPSEC_		197	CHAR(1)

COMPSECX	How much more (less) is the estimated value of such securities? *L	198	NUM(8)
CAPI Section 22 (S22G.S 3c)			
COMP_ECX		206	CHAR(1)
PURSSECX During the past 12 months, what was the purchase price including broker fees of any stocks, mutual funds or bonds bought by you (or any Members of your CU)?			
CAPI Section 22 (S22G.S 4)			
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 (S22G.S 5)			
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 (S22G.S 6)			
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 (S22G.S 7)			
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 (S22G.S 8b)			
WDBS_DSX		831	CHAR(1)
MONYOWDX	How much was owed by anyone outside of your CU to you or any Member of your CU on the last day of ( <i>last month, one year ago</i> )?	547	NUM(8)
CAPI Section 22 (S22G.S 10)			
MONY_WDX		555	CHAR(1)

COMPOWD	How does the amount owed to your CU on the last day of ( <i>last month</i> ) compare with the amount owed to your CU by persons outside your CU on the last day of ( <i>last month, one year ago</i> )?	174	CHAR(1)
	CODED		
	1 Same		
	2 More		
	3 Less		
	CAPI Section 22 (S22G.S 9b)		
COMPOWD_		175	CHAR(1)
COMPOwdx	How much more (less) is owed to your CU by persons outside your CU? *L	176	NUM(8)
	CAPI Section 22 (S22G.S 9b)		
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)?	729	NUM(8)
	CAPI Section 22 (S22G.S 11)		
SETL_NSX		737	CHAR(1)

**k. HOUSING STRUCTURE**

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

CAPI Section 1 (S01B 3)

BUIL_ING		63	CHAR(1)
UNISTRQ	How many housing units, both occupied and vacant, are in this structure?	4606	CHAR(2)
	Coded:		
01	Only OTHER units		
02	Mobile home or trailer		
03	One, detached		
04	One, attached		
05	2		
06	3-4		
07	5-9		
08	10-19		
09	20-49		
10	50 or more		

Control Card 15

UNISTRQ_		4608	CHAR(1)
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LOT_SIZE	What is the approximate size of the lot on which this unit is located?	524	CHAR(2)
	CODED		
	01 1 acre or less		
	02 2 acres		
	03 3 to 5 acres		
	04 6 to 10 acres		
	05 greater than 10 acres		
	06 No lot		
	CAPI Section 1 (S01B 4)		
LOT_IZE		526	CHAR(1)
YRBUILT	About when was this building originally built?	4609	CHAR(4)
	CAPI Section 1 (S 01B 10)		
YRBUILT_		4613	CHAR(1)
ST_HOUS	Are these living quarters presently used as student housing by a college or university?	770	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 1 (S01B 2)		
ST_HOUS_		771	CHAR(1)
PUBLHOUS	Is this house in a public housing project, that is, is it owned by a local housing authority or other local public agency?	652	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 1 (S01B 1a)		
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 (S01B 1b)		
GOVT_OST		422	CHAR(1)

DIRACC	Access to living quarters CODED 1 Direct access to living quarters 2 Access through another housing unit	9	CHAR(1)
	Control Card 14b		
DIRACC_		10	CHAR(1)
ROOMSQ	How many rooms are there in this unit, including finished living areas and excluding all baths?	683	NUM(3)
	CAPI Section 1 (S01B 5)		
ROOMSQ_		686	CHAR(1)
BEDROOMQ	How many bedrooms are there in this unit?	45	NUM(3)
	CAPI Section 1 (S01B 6)		
BEDR_OMQ		48	CHAR(1)
BATHRMQ	How many complete bathrooms are there in this unit?	41	NUM(3)
	CAPI Section 1 (S01B 7a)		
BATHRMQ_		44	CHAR(1)
HLFBATHQ	How many half bathrooms are there in this unit?	423	NUM(3)
	CAPI Section 1 (S01B 7b)		
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	3292	CHAR(2)
	CAPI Section 1 (S01B 8a)		
HEAT_UEL		3294	CHAR(1)

WATERHT	What fuel is used for heating water in this unit?	3307	CHAR(2)
	CODED		
	01 Gas (underground pipes)		
	06 Electricity		
	07 Fuel oil		
	08 Other		
	09 No fuel used		
	CAPI Section 1 (S01B 8b)		
WATERHT_		3309	CHAR(1)
COOKING	What fuel is used most for cooking?	4200	CHAR(2)
	CODED		
	01 Gas (underground piping)		
	02 Electricity		
	03 Fuel oil		
	04 Other fuel		
	05 No fuel used		
	CAPI Section 1 (S01B 8a)		
COOKING_		4202	CHAR(1)
SWIMPOOL	Does this unit have any of the following?	3298	CHAR(2)
	CODED		
	01 Swimming pool		
	CAPI Section 1 (S01B 9)		
SWIM_OOL		3300	CHAR(1)
PORCH	Does this unit have any of the following?	4203	CHAR(2)
	CODED		
	03 Porch, terrace, patio, or balcony		
	CAPI Section 1 (S01B 9)		
PORCH_		4205	CHAR(1)
APTMENT	See SWIMPOOL for question and source.	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?	674	NUM(6)
	CAPI Section 3 (S03I 13)		
RENT_QVX		680	CHAR(1)

### I. WEIGHTS

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
FINLWT21	CU replicate weight #45 (total sample)  BLS derived	331	NUM(11,3)
WTREP01	CU replicate weight # 01	841	NUM(11,3)
WTREP02	CU replicate weight # 02	852	NUM(11,3)
WTREP03	CU replicate weight # 03	863	NUM(11,3)
WTREP04	CU replicate weight # 04	874	NUM(11,3)
WTREP05	CU replicate weight # 05	885	NUM(11,3)
WTREP06	CU replicate weight # 06	896	NUM(11,3)
WTREP07	CU replicate weight # 07	907	NUM(11,3)
WTREP08	CU replicate weight # 08	918	NUM(11,3)
WTREP09	CU replicate weight # 09	929	NUM(11,3)
WTREP10	CU replicate weight # 10	940	NUM(11,3)
WTREP11	CU replicate weight # 11	951	NUM(11,3)

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

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

### **m. SUMMARY EXPENDITURE DATA**

#### **Main Summary Level Expenditure Variables**

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

All of the following summary level variables are BLS derived. The composition of each summary expenditure variable is given below the variable description. An underlined UCC represents either a new UCC or a deleted UCC. Please note that new UCCs may not be represented in all quarters. The quarter in which the addition (deletion) to the summary expenditure variable occurs is denoted by a leading superscript directly prior to the UCC code. For example, <sup>N</sup>041<UCC> or <sup>D</sup>041<UCC> identifies an addition or deletion of a given UCC to the summary expenditure variable beginning in Q041.

#### **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 2004Q1 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)
<i>NOTE: *TOTEXPPQ, *TOTEXPCQ, *TOTEX4PQ, and *TOTEX4CQ, totals exclude items which are only collected in the Diary Survey. See Section VIII for a further explanation.</i>			
FOODPQ	Total food last quarter FDHOMEQPQ + FDAWAYPQ	1349	NUM(12,4)
FOODCQ	Total food this quarter same composition as above	1361	NUM(12,4)
FDHOMEQPQ	Food at home last quarter 190904 790220 790230	1373	NUM(12,4)
FDHOMEQCQ	Food at home this quarter same UCCs as above	1385	NUM(12,4)
FDAWAYPQ	Food away from home last quarter FDXMAPPQ + FDMAPPQ	1397	NUM(12,4)
FDAWAYCQ	Food away from home this quarter same composition as above	1409	NUM(12,4)
FDXMAPPQ	Food away excluding meals as pay last quarter 190901 190902 190903 790410 790430	1421	NUM(12,4)

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

RENDWEHQ	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)
RNTAPYCW	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 250221 250222 250223 250224 250901 250902 250903 250904	1853	NUM(12,4)
OTHFLSCQ	Other fuels this quarter same UCCs as above	1865	NUM(12,4)
TELEPHPQ	Telephone services last quarter 270101 270102 270103 270104	1877	NUM(12,4)
TELEPHCQ	Telephone services this quarter same UCCs as above	1889	NUM(12,4)
WATRPSPQ	Water and other public services last quarter 270211 270212 270213 270214 270411 270412 270413 270414 270901 270902 270903 270904	1901	NUM(12,4)
WATRPSCQ	Water and other public services this quarter same UCCs as above	1913	NUM(12,4)
HOUSOPPQ	Household operations last quarter DOMSRVPQ + OTHHEXPQ	1925	NUM(12,4)
HOUSOPCQ	Household operations this quarter same composition as above	1937	NUM(12,4)
DOMSRVPQ	Domestic services last quarter DMSXCCPQ + BBYDAYPQ	1949	NUM(12,4)
DOMSRVCQ	Domestic services this quarter same composition as above	1961	NUM(12,4)
DMSXCCPQ	Domestic services excluding child care last quarter 340310 340410 340420 340520 340530 340903 340906 340910 340914 340915	1973	NUM(12,4)
DMSXCCCQ	Domestic services excluding child care this quarter same UCCs as above	1985	NUM(12,4)
BBYDAYPQ	Babysitting and child day care last quarter 340211 340212 670310	1997	NUM(12,4)
BBYDAYCQ	Babysitting and child day care this quarter same UCCs as above	2009	NUM(12,4)
OTHHEXPQ	Other household expenses last quarter 330511 340510 340620 340630 340901 340907 340908 690113 690114 990900	2021	NUM(12,4)

OTHHEXCQ	Other household expenses this quarter same UCCs as above	2033	NUM(12,4)
HOUSEQPQ	Housefurnishings and equipment last quarter TEXTILPQ + FURNTRPQ + FLRCVRPQ + MAJAPPPQ + SMLAPPPQ + MISCEQPQ	2045	NUM(12,4)
HOUSEQCQ	Housefurnishings and equipment this quarter same composition as above	2057	NUM(12,4)
TEXTILPQ	Household textiles last quarter 280110 280120 280130 280210 280220 280230 280900	2069	NUM(12,4)
TEXTILCQ	Household textiles this quarter same UCCs as above	2081	NUM(12,4)
FURNTRPQ	Furniture last quarter 290110 290120 290210 290310 290320 290410 290420 290430 290440	2093	NUM(12,4)
FURNTRCQ	Furniture this quarter same UCCs as above	2105	NUM(12,4)
FLRCVRPQ	Floor coverings last quarter 230133 230134 320111 320163	2117	NUM(12,4)
FLRCVRCQ	Floor coverings this quarter same UCCs as above	2129	NUM(12,4)
MAJAPPPQ	Major appliances last quarter 230117 230118 300111 300112 300211 300212 300221 300222 300311 300312 300321 300322 300331 300332 300411 300412 320511 320512	2141	NUM(12,4)
MAJAPPCQ	Major appliances this quarter same UCCs as above	2153	NUM(12,4)
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 690210 690220 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 480213 480214 490110 490211	2597	NUM(12,4)

	490212 490221 490231 490232 490311 490312 490313 490314 490318 490319 490411 490412 490413 490501 490502 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 520111 520112 520310 520410 520511 520512 520521 520522 520531 520532 520542 520550 520902 520903 520905 520906 620113	2645	NUM(12,4)
VRNTLOCQ	Vehicle rental, leases, licenses, and other charges this quarter same UCCs as above	2657	NUM(12,4)
PUBTRAPQ	Public transportation last quarter TRNTRPPQ + TRNOTHPQ	2669	NUM(12,4)
PUBTRACQ	Public transportation this quarter same composition as above	2681	NUM(12,4)
TRNTRPPQ	Public transportation on trips last quarter 530110 530210 530312 530411 530510 530901	2693	NUM(12,4)
TRNTRPCQ	Public transportation on trips this quarter same UCCs as above	2705	NUM(12,4)
TRNOTHPQ	Local public transportation, excluding on trips last quarter 530311 530412 530902	2717	NUM(12,4)
TRNOTHCQ	Local public transportation, excluding on trips this quarter same UCCs as above	2729	NUM(12,4)
HEALTHPQ	Health care last quarter HLTHINPQ + MEDSRVPQ + PREDRGQPQ + MEDSUPPQ	2741	NUM(12,4)
HEALTHCQ	Health care this quarter same composition as above	2753	NUM(12,4)
HLTHINPQ	Health insurance last quarter 580111 580112 580113 580114 580311 580312 580901 580903 580904 580905 580906	2765	NUM(12,4)
HLTHINCQ	Health insurance this quarter same UCCs as above	2777	NUM(12,4)
MEDSRVPQ	Medical services last quarter 560110 560210 560310 560330 560400 570110	2789	NUM(12,4)

	570210 570220 570230 570240		
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)
FEEADMCQ	Fees and admissions this quarter same UCCs as above	2897	NUM(12,4)
TVRDIOPQ	Televisions, radios, and sound equipment last quarter 270310 310110 310120 310130 310210 310220 310230 310311 310313 310320 310333 310334 310341 310342 340610 340902 340905 610130 620904 620912	2909	NUM(12,4)
TVRDIOCQ	Televisions, radios, and sound equipment this quarter same UCCs as above	2921	NUM(12,4)
OTHEQPPQ	Other equipment and services last quarter PETTOYPQ + OTHENTPQ	2933	NUM(12,4)
OTHEQPCQ	Other equipment and services this quarter same composition as above	2945	NUM(12,4)
PETTOYPQ	Pets, toys, and playground equipment last quarter 610110 610120 610320 620410 620420	2957	NUM(12,4)
PETTOYCPQ	Pets, toys, and playground equipment this quarter same UCCs as above	2969	NUM(12,4)
OTHENTPQ	Other entertainment last quarter 520901 520904 520907 600110 600121 600122 600132 600141 600142 600210 600310 600410 600420 600430 600901 600902 610210 610230	2981	NUM(12,4)

	620330 620905 620906 620908 620909 620919 620921 620922 620320		
OTHENTCQ	Other entertainment this quarter same UCCs as above	2993	NUM(12,4)
PERSCAPQ	Personal care last quarter 640130 640420 650310	3005	NUM(12,4)
PERSCACQ	Personal care this quarter same UCCs as above	3017	NUM(12,4)
READPQ	Reading last quarter 590111 590112 590211 590212 590220 590230 660310	3029	NUM(12,4)
READCQ	Reading this quarter same UCCs as above	3041	NUM(12,4)
EDUCAPQ	Education last quarter 660110 660210 660900 670110 670210 670901 670902	3053	NUM(12,4)
EDUCACQ	Education this quarter same UCCs as above	3065	NUM(12,4)
TOBACCPQ	Tobacco and smoking supplies last quarter 630110 630210	3077	NUM(12,4)
TOBACCCQ	Tobacco and smoking supplies this quarter same UCCs as above	3089	NUM(12,4)
MISCPQ	Miscellaneous expenditures last quarter MISC1PQ + MISC2PQ	3101	NUM(12,4)
MISCCQ	Miscellaneous expenditures this quarter same composition as above	3113	NUM(12,4)
MISCX4PQ	Adjusted miscellaneous expenditures last quarter  <i>(To be used for population estimates - see information under Summary Expenditure Data heading.)</i>  MISC1PQ + (4*MISC2PQ)	3411	NUM(12,4)
MISCX4CQ	Adjusted miscellaneous expenditures this quarter  <i>(To be used for population estimates - see information under Summary Expenditure Data heading.)</i>  same composition as above	3423	NUM(12,4)
MISC1PQ	Miscellaneous expenditures last quarter (data collected in all interviews) 620112 620115 620926 680110 680140 680210 680220 680901 680902 790600 880210 900002	3125	NUM(12,4)

MISC1CQ	Miscellaneous expenditures this quarter (data collected in all interviews) same UCCs as above	3137	NUM(12,4)
MISC2PQ	Miscellaneous expenditures last quarter (data collected only in fifth interview) 710110	3149	NUM(12,4)
MISC2CQ	Miscellaneous expenditures this quarter (data collected only in fifth interview) same UCCs as above	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”.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
TTOTALP	Total of all trip expenditures last quarter (TFOODTOP+TALCBEVP+TOTHRLOP+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)
TOTHRLOP	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 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).

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

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

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

### **Expenditure Outlays Summary Variables**

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

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

	interest for owned home and/or vacation home, rents, insurance, taxes, and maintenance. Same composition as above		
EOWNDWLP	Owned home outlays last quarter including mortgage principal and interest, property taxes, maintenance, insurance, and other expenses. OWNDWEPQ + EMRTPNQP	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)
EMRTPNQP	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 MTBI 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 MTBI 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 down payment, principal and interest paid on loans, or if not financed, purchase amount.  870101, 870102, 870103, 870104	4406	NUM(10,3)
ECARTKNC	Outlays for new vehicle purchases this quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount.  Same composition as above	4416	NUM(10,3)
ECARTKUP	Outlays for used vehicle purchases last quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount.  870201, 870202, 870203, 870204	4426	NUM(10,3)
ECARTKUC	Outlays for used vehicle purchases this quarter including down payment, principal and interest paid on loans, or if not financed, purchase amount.  Same composition as above	4436	NUM(10,3)
EOTHVEHP	Outlays for other vehicle purchases last quarter such as motorcycles and airplanes including down payment, principal and interest paid on loans, or if not financed, purchase amount.  870301, 870302, 870303, 870304	4446	NUM(10,3)
EOTHVEHC	Outlays for other vehicle purchases this quarter such as motorcycles and airplanes including down payment, principal and interest paid on loans, or if not financed, purchase amount.  Same composition as above	4456	NUM(10,3)
EENTRMTP	Total entertainment outlays last quarter including sound systems, sports equipment, toys, cameras, and down payments on boats and campers.  FEEADMPQ, TVRDIOPQ, PETTOYPQ, EOTHENTP	4466	NUM(10,3)
EENTRMTC	Total entertainment outlays this quarter including sound systems, sports equipment, toys, cameras, and down	4476	NUM(10,3)

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

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

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

### **a. CU AND MEMBER IDENTIFIERS**

VARIABLE	ITEM DESCRIPTION	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)
MEMINO	Person line number  Control Card 16	151	NUM(2)

**b. CHARACTERISTICS OF MEMBER**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
CU_CODE	What is the Member's relationship to ( <i>reference person</i> )? CODED 1 Reference person 2 Spouse 3 Child or adopted child 4 Grandchild 5 In-law 6 Brother or sister 7 Mother or father 8 Other related person 9 Unrelated person <b>0 Unmarried Partner</b>	68	CHAR(1)
	Control Card 19		
AGE	What is the Member's date of birth? (Age is verified.)	9	NUM(2)
	Control Card 24		
AGE_		11	CHAR(1)
SEX	Is the Member male or female? CODED 1 Male 2 Female	221	CHAR(1)
	Control Card 21		
MARITAL	Is the Member now . . . ? (Marital status) CODED 1 Married 2 Widowed 3 Divorced 4 Separated 5 Never married	147	CHAR(1)
	Control Card 27		
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)	169	CHAR(1)

- 43 Bachelor's degree
- 44 Master's degree
- 45 Professional degree
- 46 Doctorate degree

Control Card 28a

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

Control Card 28b

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

Control Card 29

ARM__ORC		66	CHAR(1)
EARNER	Does Member earn income?	67	CHAR(1)
	CODED		

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

BLS derived

EARNER_		70	CHAR(1)
EARNTYPE	Type of earner	71	CHAR(1)
	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

EARN_YPE		72	CHAR(1)
SCHMLWKQ	How many weeks did the Member purchase meals at school?	73	CHAR(1)
	CAPI Section 20 (S 20A 9b.d)		
SCHM_WKQ		214	NUM(2)

SCHMLWKX	What is the usual WEEKLY expense for the meals the Member	216	CHAR(1)
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purchased at school?

CAPI Section 20 (S 20A 9b.c)

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)
MEMIRACE	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 RC_NATAM	Race: Coded: 3 Native American BLS Derived	318 319	CHAR(1) CHAR(1)
RC_N TAM RC_ ASIAN	Race	320 321	CHAR(1) CHAR(1)

	Coded: 4 Asian BLS Derived		
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 MEMIRACE) 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)
		331	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 (S22A-E 2)	126	NUM(2)
INCW_EKQ		128	CHAR(1)
INC_HRSQ	In the weeks that the Member worked, how many hours did the	114	NUM(3)

Member usually work per week?

CAPI Section 22 (S22A-E 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:	166	CHAR(2)
	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		

CAPI Section 22 (S22A-E 4a)

OCCU_ODE		168	CHAR(1)
INCOMEY	Was the Member . . . ? (Type of employee)	122	CHAR(1)
	Refers to job where Member received the most earnings in the past 12 months.		
	CODED		
	1 An employee of a PRIVATE company, business, or individual working for wages or salary		
	2 A Federal government employee		
	3 A State government employee		
	4 A local government employee		
	5 Self-employed in OWN business, professional practice or farm		
	6 Working WITHOUT PAY in family business or farm,		

CAPI Section 22 (S22A-E 4b)

INCOMEY_		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)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 22 (S22A-E 4b)		
INCORP_		125	CHAR(1)
PWRKSTAT	Work status of Member in past 12 months (Refers to job where Member received the most earnings in the past 12 months.)	181	CHAR(1)
	CODED		
	1 Salaried		
	2 Self-employed		
	3 Working without pay		
	BLS derived		
PWRK_TAT		182	CHAR(1)
INCNONWK	What was the main reason the Member did not work during the past 12 months? Was the Member . . .?	120	CHAR(1)
	CODED		
	1 Retired		
	2 Taking care of home/family		
	3 Going to school		
	4 Ill, disabled, unable to work		
	5 Unable to find work		
	6 Doing something else		
	CAPI Section 22 (S22A-E 5)		
INCN_NWK		121	CHAR(1)

d. INCOME

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?	203	NUM(10)
	CAPI Section 22 (S22A E 6a) <b>D(Y041)</b>		
*SALARYX_	<b>D(Y041)</b>	213	CHAR(1)
*SALARYXM	During the past 12 months, what was the amount of wages or salary income received before any deductions?	590	NUM(10.1)

CAPI Section 22 (S 22A-E 6a)  
**N(Y041)**

*SALA_YXM	<b>N(Y041)</b>	600	CHAR(1)
*SALARYX1	<b>N(Y041)</b>	601	NUM(8)
*SALARYX2	<b>N(Y041)</b>	609	NUM(8)
*SALARYX3	<b>N(Y041)</b>	617	NUM(8)
*SALARYX4	<b>N(Y041)</b>	625	NUM(8)
*SALARYX5	<b>N(Y041)</b>	633	NUM(8)
*SALARYXI	<b>N(Y041)</b>	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 (S 22A E6b)

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 (S 22A E6c)			
GROS_AYX		111	CHAR(1)

PAYPERD	What period of time did this last gross pay cover? CODED 1 One week 2 Two weeks 3 Month 4 Quarter 5 Year 6 Other 7 Twice a month	170	CHAR(1)
	CAPI Section 22 (S 22A E6d)		
PAYPERD_		171	CHAR(1)
*NONFARMX	During the past 12 months, what was the amount of income or loss from the Member's own nonfarm business, partnership or professional practice after expenses? *L	155	NUM(10)
	CAPI Section 22 (S 22A E7a) <b>D(Y041)</b>		
*NONF_RMX	<b>D(Y041)</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 (S 22A E7a) <b>N(Y041)</b>		
*NONF_RMM	<b>N(Y041)</b>	487	CHAR(1)
*NONFARM1	<b>N(Y041)</b>	488	NUM(9)
*NONFARM2	<b>N(Y041)</b>	497	NUM(9)
*NONFARM3	<b>N(Y041)</b>	506	NUM(9)
*NONFARM4	<b>N(Y041)</b>	515	NUM(9)
*NONFARM5	<b>N(Y041)</b>	524	NUM(9)
*NONFARMI	<b>N(Y041)</b>	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 (S 22A E7b)

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 3 Loss	153	CHAR(1)
CAPI Section 22 (S 22A E7b)			
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 (S 22A E7d) <b>D(Y041)</b>			
*FARM_NCX	<b>D(Y041)</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 (S 22A E7d) <b>N(Y041)</b>			
*FARM_NCM	<b>N(Y041)</b>	388	CHAR(1)
*FARMINC1	<b>N(Y041)</b>	389	NUM(9)
*FARMINC2	<b>N(Y041)</b>	398	NUM(9)
*FARMINC3	<b>N(Y041)</b>	407	NUM(9)
*FARMINC4	<b>N(Y041)</b>	416	NUM(9)
*FARMINC5	<b>N(Y041)</b>	425	NUM(9)
*FARMINCI	<b>N(Y041)</b>	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 (S 22A E7e)		
FARM_NCB		284	CHAR(1)
FRMINCBX	Median of bracket range of FARMINCB *L	285	NUM(6)
	BLS derived		
FRMI_CBX		291	CHAR(1)
FARMLOSS	Was there a loss from the Member's own farm?	90	CHAR(1)
	CODED		
	3 Loss		
	CAPI Section 22 (S 22A E7d)		
FARM_OSS		91	CHAR(1)
*SOCRRX	Amount of Social Security and Railroad Retirement income received by Member in past 12 months	239	NUM(8)
	BLS derived <b>D(Y041)</b>		
*SOCRRX_	<b>D(Y041)</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 <b>N(Y041)</b>		
*SOCRRXM_	<b>N(Y041)</b>	693	CHAR(1)
*SOCRRX1	<b>N(Y041)</b>	694	NUM(8)
*SOCRRX2	<b>N(Y041)</b>	702	NUM(8)
*SOCRRX3	<b>N(Y041)</b>	710	NUM(8)

*SOCRRX4	<b>N(Y041)</b>	718	NUM(8)
*SOCRRX5	<b>N(Y041)</b>	726	NUM(8)
*RRRETIRX	What was the amount of the last Social Security or Railroad Retirement payment received? (In past 12 months)	194	NUM(8)
	CAPI Section 22 (S 22A E9d) <b>D(Y041)</b>		
*RRRE_IRX	<b>D(Y041)</b>	202	CHAR(1)
*RRRETIRM	What was the amount of the last Social Security or Railroad Retirement payment received? (In past 12 months)	536	NUM(10.1)
	CAPI Section 22 (S 22A E9d) <b>N(Y041)</b>		
*RRRE_IRM	<b>N(Y041)</b>	546	CHAR(1)
*RRRETIR1	<b>N(Y041)</b>	547	NUM(8)
*RRRETIR2	<b>N(Y041)</b>	555	NUM(8)
*RRRETIR3	<b>N(Y041)</b>	563	NUM(8)
*RRRETIR4	<b>N(Y041)</b>	571	NUM(8)
*RRRETIR5	<b>N(Y041)</b>	579	NUM(8)
*RRRETIRI	<b>N(Y041)</b>	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 (S 22A E9e)		
RRRE_IRB		294	CHAR(1)
RRRETRBX	Median of bracket range of RRRETIRB BLS derived	295	NUM(6)

RRRE_RBX		301	CHAR(1)
INCMEDCR	Is the amount of the last Social Security or Railroad Retirement payment received AFTER the deduction for a Medicare premium?	118	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 22 (S 22A E9f)		
INCM_DCR		119	CHAR(1)
SS_RRQ	During the past 12 months, how many Social Security or Railroad Retirement payments did the Member receive?	248	NUM(2)
	CAPI Section 22 (S 22A E9g)		
SS_RRQ_		250	CHAR(1)
*SSIX	During the past 12 months, how much did the Member receive in Supplemental Security Income checks altogether? (From U.S. Government and State or local Government)	251	NUM(8)
	CAPI Section 22 (S 22A E10c) <b>D(Y041)</b>		
*SSIX_	<b>D(Y041)</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 (S 22A E10c) <b>N(Y041)</b>		
*SSIXM_	<b>N(Y041)</b>	744	CHAR(1)
*SSIX1	<b>N(Y041)</b>	745	NUM(8)
*SSIX2	<b>N(Y041)</b>	753	NUM(8)
*SSIX3	<b>N(Y041)</b>	761	NUM(8)
*SSIX4	<b>N(Y041)</b>	769	NUM(8)
*SSIX5	<b>N(Y041)</b>	777	NUM(8)
*SSIXI	<b>N(Y041)</b>	785	NUM(3)
*SSIB_	<b>N(Y041)</b>	304	CHAR(1)

SSIB	Bracketed variable for SSIXM	302	CHAR(2)
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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 (S22A E10d)

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

SSIBX_		311	CHAR(1)
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**e. TAXES**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*ANFEDTX	Annualized amount of Federal income tax deducted from last pay ((AMTFED/GROSPAYX) x SALARYX)	21	NUM(8)
	BLS derived		
	<b>D(Y041)</b>		
*ANFEDTX_		29	CHAR(1)
	<b>D(Y041)</b>		
*ANFEDTXM	Annualized amount of Federal income tax deducted from last pay ((AMTFED/GROSPAYX) x SALARYXM)	332	NUM(8)
	BLS derived		
	<b>N(Y041)</b>		
*ANFE_TXM	<b>N(Y041)</b>	340	CHAR(1)
AMTFED	How much was deducted from the Member's last pay for Federal income tax?	12	NUM(8)
	CAPI Section 22 (S 22A E6e.1)		
AMTFED_		20	CHAR(1)

*ANSLTX	Annualized amount of state and local income taxes deducted from last pay ((SLTAXX/GROSPAYX x SALARYX)	57	NUM(8)
	BLS derived <b>D(Y041)</b>		
*ANSLTX_	<b>D(Y041)</b>	65	CHAR(1)
*ANSLTXM	Annualized amount of state and local income taxes deducted from last pay ((SLTAXX/GROSPAYX x SALARYXM)	368	NUM(8)
	BLS derived <b>N(Y041)</b>		
*ANSLTXM_	<b>N(Y041)</b>	376	CHAR(1)
SLTAXX	How much was deducted from the Member's last pay for state and local income tax?	230	NUM(8)
	CAPI Section 22 (S 22A E6e.2)		
SLTAXX_		238	CHAR(1)

f. **RETIREMENT AND PENSION DEDUCTIONS**

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
SSNORM	Are Social Security payments normally deducted from your paycheck? CODED 1 Yes 2 No	260	CHAR(1)
	CAPI Section 22 (S 22A E6f)		
SSNORM_		261	CHAR(1)

*JSSDEDX	Estimated amount of income contributed to Social Security by Member in past 12 months	140	NUM(6)
	BLS derived <b>D(Y041)</b>		
*JSSDEX_	<b>D(Y041)</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 <b>N(Y041)</b>		
*JSSD_DXM	<b>N(Y041)</b>	445	CHAR(1)
*JSSDEDX1	<b>N(Y041)</b>	446	NUM(6)
*JSSDEDX2	<b>N(Y041)</b>	452	NUM(6)
*JSSDEDX3	<b>N(Y041)</b>	458	NUM(6)
*JSSDEDX4	<b>N(Y041)</b>	464	NUM(6)
*JSSDEDX5	<b>N(Y041)</b>	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 (S 22A E6g)

MEDICOV_		150	CHAR(1)
*SLFEMPSS	Amount of income contributed to Social Security by Member if self-employed	223	NUM(6)
	BLS derived <b>D(Y041)</b>		
*SLFE_PSS	<b>D(Y041)</b>	229	CHAR(1)
*SLFEMPSM	Amount of income contributed to Social Security by Member if self-employed	644	NUM(8.1)
	BLS derived <b>N(Y041)</b>		
*SLFE_PSM	<b>N(Y041)</b>	652	CHAR(1)
*SLFEMPS1	<b>N(Y041)</b>	653	NUM(6)

*SLFEMPS2	<b>N(Y041)</b>	659	NUM(6)
*SLFEMPS3	<b>N(Y041)</b>	665	NUM(6)
*SLFEMPS4	<b>N(Y041)</b>	671	NUM(6)
*SLFEMPS5	<b>N(Y041)</b>	677	NUM(6)
*ANRRDEDX	Annualized amount of Railroad Retirement deducted from last pay ((RRRDEDX/GROSPAYX x SALARYX)	48	NUM(8)
	BLS derived <b>D(Y041)</b>		
*ANRR_EDX	<b>D(Y041)</b>	56	CHAR(1)
*ANRRDEDM	Annualized amount of Railroad Retirement deducted from last pay ((RRRDEDX/GROSPAYX x SALARYXM)	359	NUM(8)
	BLS derived <b>N(Y041)</b>		
*ANRR_EDM	<b>N(Y041)</b>	367	CHAR(1)
RRRDEDX	How much was deducted from the Member's last pay for Railroad Retirement?	185	NUM(8)
	CAPI Section 22 (S 22A E6e.5)		
RRRDEDX_		193	CHAR(1)
*ANGOVRTX	Annualized amount of Government Retirement deducted from last pay ((GOVRETX/GROSPAYX x SALARYX)	30	NUM(8)
	BLS derived <b>D(Y041)</b>		
*ANGO_RTX	<b>D(Y041)</b>	38	CHAR(1)
*ANGOVRTM	Annualized amount of Government Retirement deducted from last pay ((GOVRETX/GROSPAYX x SALARYXM)	341	NUM(8)
	BLS derived <b>N(Y041)</b>		
*ANGO_RTM	<b>N(Y041)</b>	349	CHAR(1)
GOVRETX	How much was deducted from the Member's last pay for Government Retirement?	92	NUM(8)
	CAPI Section 22 (S 22A E6e.4)		
GOVRETX_		100	CHAR(1)
*ANPRVPNX	Annualized amount of private pensions deducted from last pay	39	NUM(8)

((PRIVPENX/GROSPAYX x SALARYX)

	BLS derived <b>D(Y041)</b>		
*ANPR_PNX	<b>D(Y041)</b>	47	CHAR(1)
*ANPRVPNM	Annualized amount of private pensions deducted from last pay ((PRIVPENX/GROSPAYX x SALARYXM)	350	NUM(8)
	BLS derived <b>N(Y041)</b>		
*ANPR_PNM	<b>N(Y041)</b>	358	CHAR(1)
PRIVPENX	How much was deducted from the Member's last pay for private pension fund?	172	NUM(8)
	CAPI Section 22 (S 22A E6e.3)		
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	77	CHAR(1)
	CAPI Section 22 (S 22A E6h)		
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)	129	NUM(10)
	CAPI Section 22 (S 22A E8)		
INDRETX_		139	CHAR(1)

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

In the MTBI 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 MTBI 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	28	CHAR(1)

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

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

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

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

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

VARIABLE	ITEM DESCRIPTION	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.	1	NUM(8)
	BLS derived		
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 ITBI UCC codes and titles.  BLS derived	15	CHAR(6)
PUBFLAG	Is value included in published bulletin? CODED 1 Not published 2 Published in Integrated Bulletin  BLS derived	21	CHAR(1)
VALUE	Value of UCC *L  BLS derived	22	NUM(12,4)
VALUE_	Value flag CODED T - Topcoded Blank - Not topcoded  BLS derived	34	CHAR(1)

## **5. IMPUTED INCOME ( ITBI IMPUTED) FILE**

As a result of the introduction of multiply imputed income data in the Consumer Expenditure Survey, the ITBI\_IMPUTED file is a new file on the Microdata, beginning in 2004Q1. It is very similar to the ITBI file, except that the variable "IMPNUM" will indicate the number (1-5) of the imputation variant of the income variable.

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.	1	NUM(8)
	BLS derived		
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 ITBI UCC codes and titles.  BLS derived	15	CHAR(6)
PUBFLAG	Is value included in published bulletin? CODED 1 Not published 2 Published in Integrated Bulletin  BLS derived	21	CHAR(1)
VALUE	Value of UCC *L  BLS derived	22	NUM(12,4)
VALUE_	Value flag CODED T - Topcoded Blank - Not topcoded  BLS derived	34	CHAR(1)
IMPNUM	The number (1-5) of the imputation variant of the particular income variable.  BLS derived	35	CHAR(1)

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

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

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

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

This file contains an inventory of major household appliances belonging to the CU. These questions are asked at the first interview and the information is carried forward to subsequent interviews through the

inventory update process. Note that the title of this section on the questionnaire each user has received indicates it is asked "For New Consumer Units Only". This is because this questionnaire is used for the second through fifth interviews. The section would only be completed if a new CU had moved to the sample address, replacing an old CU that had previously participated.

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

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

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

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

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

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).	21	CHAR(1)
	BLS derived		
SAMP_UN_		22	CHAR(1)
RTELECT	Does the rental payment include the cost of electricity? CODED 1 Yes 2 No	33	CHAR(1)
	CAPI Section 2 (S02A/B 3a/2a)		
RTELECT_		34	CHAR(1)
RTGAS	Does the rental payment include the cost of gas? CODED 1 Yes 2 No	35	CHAR(1)
	CAPI Section 2 (S02A/B 3b/2b)		
RTGAS_		36	CHAR(1)
RTWATER	Does the rental payment include the cost of piped-in water?	37	CHAR(1)

	CODED 1 Yes 2 No	
CAPI Section 2 (S02A/B 3c/2c)		
RTWATER_		38 CHAR(1)
RTHEAT	Does the rental payment include the cost of heating? CODED 1 Yes 2 No	39 CHAR(1)
CAPI Section 2 (S02A/B 3d/2d)		
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 (S02A/B 3e/2e)		
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)
RTASPAY_	CAPI Section 2 (S02A/B 4a/3a)	44 CHAR(1)
RTCOMPX	What is the rental charge to another tenant for a similar unit?	45 NUM(6)
CAPI Section 2 (S02A/B 4b/3b)		
RTCOMPX_		51 CHAR(1)
RTCMPPD	What period of time does this charge cover? CODED 1 Month 2 Other	52 CHAR(1)
CAPI Section 2 (S02A/B 4c/3c)		
RTCMPPD_		53 CHAR(1)
RTBSNSZ	What percent of the rental payment is counted as a business expense?	62 NUM(4,2)
CAPI Section 2 (S02A/B 5b/4b)		

RTBSNSZ_		66	CHAR(1)
JRTPAYQV	Quarterly value of rent received as pay BLS derived	77	NUM(8)
JRTP_YQV		85	CHAR(1)
QRT3MCMX	Total rental payments made in reference period, adjusted for business and rooms rented to others. Includes extra charges for garage and parking facilities. BLS derived	86	NUM(8)
QRT3_CMX		94	CHAR(1)

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

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

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

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

	CODED		
	1 A condominium		
	2 A cooperative		
	3 Something else		
	CAPI Section 3 (S03B 10)		
PROPYPE		34	CHAR(1)
ACQUIRMO	In what month did you close or settle on this property? If land contract – In what month did the land contract begin?	35	CHAR(2)
	CAPI Section 3 (S03B 3a)		
ACQU_RMO		37	CHAR(1)
ACQUIRYR	In what year did you close or settle on this property? (See ACQUIRMO)	38	CHAR(4)
	CAPI Section 3 (S03B 3a)		
ACQU_RYR		42	CHAR(1)
ACQMETH	How did you (your CU) acquire this property? CODED	43	CHAR(1)
	1 A purchase, a contract with a builder, or a trade-in		
	2 A gift or inheritance		
	3 Other		
	CAPI Section 3 (S03B 4)		
ACQMETH_		44	CHAR(1)
OWNPURX	Not including closing costs, what was the total price paid for the property?	45	NUM(8)
	CAPI Section 3 (S03B 5)		
OWNURX		53	CHAR(1)
OWNDPMTX	What was the amount of the down payment?	54	NUM(8)
	CAPI Section 3 (S03B 6)		
OWND_MTX		62	CHAR(1)
CLOSECST	About how much were the closing costs? (Includes property survey charges, title search, recording fees, transfer taxes, escrow payment, points paid by buyer, deed preparation, lawyer's fees, advertising cost, etc.)	63	NUM(8)
	CAPI Section 3 (S03B 7)		
CLOS_CST		71	CHAR(1)
PROPVALX	About how much do you think this property would sell for on	72	NUM(8)

today's market?

CAPI Section 3 (S03B 8)

PROP_ALX		80	CHAR(1)
VSHARED	Do you (Does your CU) share ownership of this property with anyone else outside of your CU? (OWNYB = 300 only) CODED 1 Yes 2 No	81	CHAR(1)

CAPI Section 3 (S03B 12)

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

CAPI Section 3 (S03B 13)

VTIM_SHR		84	CHAR(1)
QADPTAX	Amount of annual property taxes, adjusted for business, farm, and rental expenses  Census derived	85	NUM(10)
QADPTAX_		95	CHAR(1)

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

**PART D Disposed of Property (OPD)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOD	Property number  CAPI Section 3 (S03D 1a)	21	CHAR(2)
PROP0NOD		23	CHAR(1)
OWNYD	Property code CODED 100 The home in which you (your CU) currently live(s)	24	CHAR(3)

- 200 A home in which you (your CU) used to live
- 300 A second home, vacation home or recreational property
- 400 Unimproved land with no buildings on it
- 500 Other property

CAPI Section 3 (S03D 1b)

OWNYD_		27	CHAR(1)
DISPMTHD	Did you (your CU) sell this property, give it to someone else (outside your CU), or do something else with it? CODED	28	CHAR(1)
	1 Sold the property 2 Gave it to someone else 3 Something else		
	CAPI Section 3 (S03D 2)		
DISP_THD		29	CHAR(1)
DISPX	What was the selling price (trade-in value)?	30	NUM(8)
	CAPI Section 3 (S03D 4)		
DISPX_		38	CHAR(1)
DISPEXPX	What were the total expenses in selling (trading) this property? (Include commission to realtor, closing costs, points for financing, mortgage penalties, property inspection, lawyer's fees, advertising costs, deferred mortgage interest payment, etc.)	39	NUM(8)
	CAPI Section 3 (S03D 5)		
DISP_XPX		47	CHAR(1)
DISPMO	In what month did you (your CU) dispose of this property?	57	CHAR(2)
	CAPI Section 3 (S03D 3)		
DISPMO_		59	CHAR(1)
DISPYR	In what year did you (your CU) dispose of this property?	60	CHAR(4)
	CAPI Section 3 (S03D 3)		
DISPYR_		64	CHAR(1)

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

**PART F Mortgages (MOR)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOF	Property number  CAPI Section 3 (S03F 1a)	21	CHAR(2)
PROP0NOF		23	CHAR(1)
OWNYF	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property  CAPI Section 3 (S03F 1b)	24	CHAR(3)
OWNYF_		27	CHAR(1)
OLDMRRT	What was the rate of interest at the time the mortgage was obtained?  CAPI Section 3 (S03F 4)	28	NUM(5,4)
OLDMRRT_		33	CHAR(1)
NEWMRRT	What is the current interest rate on your (your CU's) mortgage?  CAPI Section 3 (S03F 5)	34	NUM(5,4)
NEWMRRT_		39	CHAR(1)
ORGMRXT	What was the amount of the mortgage when you (your CU) obtained it, excluding any interest?  CAPI Section 3 (S03F 8)	40	NUM(8)
ORGMRXT_		48	CHAR(1)
QMRTTERM	Length of mortgage in years  BLS derived	49	NUM(3)
QMRT_ERM		52	CHAR(1)
MRTPMTX	On your (your CU's) last regular payment, what was the total amount you paid for those things? (See PAYPROTX for	53	NUM(8)

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

CAPI Section 3 (S03F 11)

MRTPMTX_		61	CHAR(1)
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MRTPMPD	How often are (were) mortgage payments due? (See NOTE under MRTPMTX.) CODED 3 Monthly	62	CHAR(1)
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CAPI Section 3 (S03F 9)

MRTPMPD_		63	CHAR(1)
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PAYPROTX	On your (your CU's) last regular payment, which of these things were included? CODED 2 Property taxes	64	CHAR(1)
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CAPI Section 3 (S03F 10)

PAYP_OTX		65	CHAR(1)
----------	--	----	---------

PAYPROIN	See PAYPROTX for question and source. CODED 3 Property insurance	66	CHAR(1)
----------	--	----	---------

PAYP_OIN		67	CHAR(1)
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PAYLIFIN	See PAYPROTX for question and source. CODED 4 Life insurance	68	CHAR(1)
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PAYL_FIN		69	CHAR(1)
----------	--	----	---------

PAYMORIN	See PAYPROTX for question and source. CODED 5 Mortgage insurance	70	CHAR(1)
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PAYM_RIN		71	CHAR(1)
----------	--	----	---------

PAYOTHER	See PAYPROTX for question and source. CODED 6 Any other payments	72	CHAR(1)
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PAYO_HER		73	CHAR(1)
----------	--	----	---------

QESCROWX	Amount of last regular mortgage payment that went to escrow BLS derived	74	NUM(8)
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QESC_OWX		82	CHAR(1)
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QPRINM1X	Amount of principal paid during first month of reference period	83	NUM(8)
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	BLS derived		
QPRI_M1X		91	CHAR(1)
QPRINM2X	Amount of principal paid during second month of reference period	92	NUM(8)
	BLS derived		
QPRI_M2X		100	CHAR(1)
QPRINM3X	Amount of principal paid during third month of reference period	101	NUM(8)
	BLS derived		
QPRI_M3X		109	CHAR(1)
QADINT1X	Amount of interest paid during first month of reference period, adjusted for business	110	NUM(8)
	BLS derived		
QADI_T1X		118	CHAR(1)
QADINT2X	Amount of interest paid during second month of reference period, adjusted for business	119	NUM(8)
	BLS derived		
QADI_T2X		127	CHAR(1)
QADINT3X	Amount of interest paid during third month of reference period, adjusted for business	128	NUM(8)
	BLS derived		
QADI_T3X		136	CHAR(1)
QRFINDDAT	Month and year mortgage payment changed	137	CHAR(6)
	Census derived		
QRFI_DAT		143	CHAR(1)
FRSTPYMO	In what month did you (your CU) make your (your CU's) first payment on this mortgage?	144	CHAR(2)
	CAPI Section 3 (S03F 2)		
FRST_YMO		146	CHAR(1)

FRSTPYYR	In what year did you (your CU) make your (your CU's) first payment on this mortgage?	147	CHAR(4)
CAPI Section 3 (S03F 2)			
FRST_YYR		151	CHAR(1)
FIXEDRTE	Is this a fixed rate mortgage?	152	CHAR(1)
CODED			
	1 Yes		
	2 No		
S03F 6a			
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.)	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 (S03F 6b)			
PAYTYPE_		155	CHAR(1)
REFINED	Have you (Has your CU) refinanced or renegotiated this mortgage?	156	CHAR(1)
CODED			
	1 Yes		
	2 No		
CAPI Section 3 (S03F 7)			
REFINED_		157	CHAR(1)
QNEWDATE	Month and year mortgage payment changed	158	CHAR(6)
Census derived			
QNEW_ATE		164	CHAR(1)
QBLNCM1X	Principal balance outstanding at beginning of month, three months ago	165	NUM(8)
BLS derived			
QBLN_M1X		173	CHAR(1)

QBLNCM2X	Principal balance outstanding at beginning of month, two months ago	174	NUM(8)
	BLS derived		
QBLN_M2X		182	CHAR(1)
QBLNCM3X	Principal balance outstanding at beginning of month, one month ago	183	NUM(8)
	BLS derived		
QBLN_M3X		191	CHAR(1)
LOAN_NOF	Loan number	192	CHAR(2)
	CAPI Section 3 (S03F 1d)		
LOAN0NOF		194	CHAR(1)

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

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOG	Property number CAPI Section 3 (S03G 1)	21	CHAR(2)
PROP0NOG		23	CHAR(1)
OWNYG	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property CAPI Section 3 (S03G 1)	24	CHAR(3)
OWNYG_		27	CHAR(1)
OLDMRTG	What was the rate of interest at the time the home equity loan was obtained? CAPI Section 3 (S03G 4)	28	NUM(5,4)
OLDMRTG_		33	CHAR(1)

NEWMRTG	What is the current interest rate on your (your CU's) home equity loan?	34	NUM(5,4)
	CAPI Section 3 (S03G 5)		
NEWMRTG_		39	CHAR(1)
ORGMRG	What was the amount of the lump sum home equity loan when you (your CU) obtained it, excluding any interest?	40	NUM(8)
	CAPI Section 3 (S03G 8)		
ORGMRG_		48	CHAR(1)
QMRTTRMG	Length of home equity loan in years BLS derived	49	NUM(3)
QMRT_RMG		52	CHAR(1)
MRTPMTG	On your (your CU's) last regular payment, what was the total amount you (your CU) paid those things? (See PAYPRTXG for items that were included in payment. BLS home equity loan edit converts all payments to monthly basis.)	53	NUM(8)
	CAPI Section 3 (S03G 11)		
MRTPMTG_		61	CHAR(1)
MRTPMRG	How often are loan payments due? (See NOTE under MRTPMTG) CODED 3 Monthly	62	CHAR(1)
	CAPI Section 3 (S03G 9)		
MRTPMRG_		63	CHAR(1)
PAYPRTXG	On your (your CU's) last regular payment, which of these things were included? CODED 2 Property taxes	64	CHAR(1)
	CAPI Section 3 (S03G 10)		
PAYP_TXG		65	CHAR(1)
PAYPRNG	See PAYPRTXG for question and source. CODED 3 Property insurance	66	CHAR(1)
PAYP_ING		67	CHAR(1)
PAYLFING	See PAYPRTXG for question and source. CODED	68	CHAR(1)

4 Life insurance

PAYL_ING		69	CHAR(1)
PAYMRING	See PAYPRTXG for question and source. CODED 5 Mortgage guarantee insurance	70	CHAR(1)
PAYM_ING		71	CHAR(1)
PAYOTHRG	See PAYPRTXG for question and source. CODED 6 Any other payments	72	CHAR(1)
PAYO_HRG		73	CHAR(1)
QESCROWG	Amount of last regular home equity loan payment that went to escrow  BLS derived	74	NUM(8)
QESC_OWG		82	CHAR(1)
QPRINM1G	Amount of principal paid during first month of reference period  BLS derived	83	NUM(8)
QPRI_M1G		91	CHAR(1)
QPRINM2G	Amount of principal paid during second month of reference period  BLS derived	92	NUM(8)
QPRI_M2G		100	CHAR(1)
QPRINM3G	Amount of principal paid during third month of reference period  BLS derived	101	NUM(8)
QPRI_M3G		109	CHAR(1)
QADINT1G	Amount of interest paid during first month of reference period, adjusted for business  BLS derived	110	NUM(8)
QADI_T1G		118	CHAR(1)
QADINT2G	Amount of interest paid during second month of reference period, adjusted for business  BLS derived	119	NUM(8)
QADI_T2G		127	CHAR(1)

QADINT3G	Amount of interest paid during third month of reference period, adjusted for business	128	NUM(8)
	BLS derived		
QADI_T3G		136	CHAR(1)
QRFINDTG	Month and year loan payment changed ("Old" loan record)	137	CHAR(6)
	BLS derived		
QRFI_DTG		143	CHAR(1)
FRSTPYMG	In what month did you (your CU) make your (your CU's) first payment on this loan?	144	CHAR(2)
	CAPI Section 3 (S03G 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)
	S03G 2		
FRST_YRG		151	CHAR(1)
FIXDRTEG	Is this a fixed rate home equity loan? CODED 1 Yes 2 No	152	CHAR(1)
	CAPI Section 3 (S03G 6a)		
FIXD_TEG		153	CHAR(1)
PAYTPG	Which one of these lump sum home equity loans comes closest to yours (your CU's)? (NOTE: Most fixed rate loans will be a valid blank.)  CODED 1 Fixed rate of interest 2 Variable or adjustable rate of interest 3 Graduated payment 4 Rollover or renegotiable 5 Deferred interest 6 Other	154	CHAR(1)
	CAPI Section 3 (S03G 6b)		
PAYTPG_		155	CHAR(1)
REFINDG	Have you (Has your CU) refinanced or renegotiated this lump sum home equity loan?  CODED 1 Yes	156	CHAR(1)

## 2 No

## CAPI Section 3 (S03G 7)

REFINDG_		157	CHAR(1)
QNEWDATG	Month and year loan payment changed ("New" loan record) Census derived	158	CHAR(6)
QNEW_ATG		164	CHAR(1)
QBLNCM1G	Principal balance outstanding at beginning of month, three months ago BLS derived	165	NUM(8)
QBLN_M1G		173	CHAR(1)
QBLNCM2G	Principal balance outstanding at beginning of month, two months ago BLS derived	174	NUM(8)
QBLN_M2G		182	CHAR(1)
QBLNCM3G	Principal balance outstanding at beginning of month, one month ago BLS derived	183	NUM(8)
QBLN_M3G		191	CHAR(1)
LOAN_NOG	Loan number CAPI Section 3 (S03G 1d)	192	CHAR(2)
LOAN0NOG		194	CHAR(1)

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

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOH	Property number  CAPI Section 3 (S03H 1a)	21	CHAR(2)
PROP0NOH		23	CHAR(1)
OWNYH	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property  CAPI Section 3 (S03H 1b)	24	CHAR(3)
OWNYH_		27	CHAR(1)
PAIDLOAN	Since the 1st of ( <i>last month</i> ), have you made any payments for this line of credit home equity loan? CODED 1 Yes 2 No  CAPI Section 3 (S03H 2)	28	CHAR(1)
PAID_OAN		29	CHAR(1)
PRINAMTX	Prior to the last payment, what was the total amount owed?  CAPI Section 3 (S03H 4)	30	NUM(8)
PRIN_MTX		38	CHAR(1)
PRIMPLUS	Interest rate used in calculation of JINTPDX (Equal to prime rate plus 1.5 percentage points)  BLS derived	39	NUM(6,4)
PRIM_LUS		45	CHAR(1)
JINTPDX	Estimated amount of interest paid on loan during reference period  BLS derived	46	NUM(8)

JINTPDX_		54	CHAR(1)
JLCPRINX	Estimated amount of principal paid on loan during reference period *L	55	NUM(8)
	BLS derived		
JLCP_INX		63	CHAR(1)
LOAN_NOH	Loan number	64	CHAR(2)
	CAPI Section 3 (S03H 1d)		
LOAN0NOH		66	CHAR(1)

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

**PART I Ownership Costs (OPI)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP NOI	Property number CAPI Section 3 (S03I 1a)	21	CHAR(2)
PROP0NOI		23	CHAR(1)
OWNYI	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property CAPI Section 3 (S03I 1b)	24	CHAR(3)
OWNYI_		27	CHAR(1)
QRENTDDZ	Percentage of owned property expenses after deducting business expenses (1.00 - OBSNSZB) Census derived	28	NUM(4,2)
QREN DDZ		32	CHAR(1)
QADPENTX	Amount of penalty charges on special or lump sum mortgage payment, adjusted for business	33	NUM(8)

	Census derived		
QADP_NTX		41	CHAR(1)
QLR3MCMX	Amount paid for ground or land rent, adjusted for business	42	NUM(8)
	Census derived		
QLR3_CMX		50	CHAR(1)
JFEETOTX	Amount of regular condo fee for management services, adjusted for business	51	NUM(8)
	BLS derived		
JFEE_OTX		59	CHAR(1)
QSPCLX	Total amount of special payments for management services, adjusted for business	60	NUM(8)
	Census derived		
QSPCLX_		68	CHAR(1)
TYPEPROP	Property type CODED 1 Condominium 2 Co-op 3 Neither condo nor co-op	69	CHAR(1)
	CAPI Section 3 (S03I 5)		
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	71	CHAR(1)
	CAPI Section 3 (S03I 6)		
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	73	CHAR(1)
	CAPI Section 3 (S03I 7)		
PAYC_NDO		74	CHAR(1)
COOPRG01	Since the 1st of ( <i>month, 3 months ago</i> ), for which of these things	75	CHAR(2)

	have you (has your CU) made payments directly to the cooperative for your (your CU's) share of its costs? (TYPEPROP = 2 only)	
CODED		
01	Repayment of loans owed by cooperative	
	CAPI Section 3 (S03I 8)	
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	99    CHAR(2)

	09 Utilities: such as gas, electricity, water, heat		
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	108	CHAR(2)
	CAPI Section 3 (S03I 9)		
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 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 CRMPCODEB. If the type of service is other than utilities or repairs/maintenance, then the last three digits are "000".	141	CHAR(5)
	BLS derived		
REGF_ECR		146	CHAR(1)
INC_MORT	Are any of these costs included in your (your CU's) mortgage payment? CODED 1 Yes 2 No	147	CHAR(1)
	CAPI Section 3 (S03I 10a)		
INC__ORT		148	CHAR(1)

COOPSP01	What services were provided for any SPECIAL payments to a management service? (TYPEPROP = 2 only) CODED 01 Repayment of loans owed by cooperative 02 Property taxes 03 Property insurance 04 Management 05 Repairs and maintenance, including lawn care and snow removal 06 Improvements 07 Recreational, including swimming, golf, and tennis facilities 08 Security, including guards and alarm systems 09 Utilities: such as gas, electricity, water, heat 10 Trash collection 11 Other	149	CHAR(2)
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CAPI Section 3 (S03I 11b)

COOP_P01		151	CHAR(1)
COOPSP02	See COOPSP01 for question, codes, and source.	152	CHAR(2)
COOP_P02		154	CHAR(1)
COOPSP03	See COOPSP01 for question, codes, and source.	155	CHAR(2)
COOP_P03		157	CHAR(1)
COOPSP04	See COOPSP01 for question, codes, and source.	158	CHAR(2)
COOP_P04		160	CHAR(1)
COOPSP05	See COOPSP01 for question, codes, and source.	161	CHAR(2)
COOP_P05		163	CHAR(1)
COOPSP06	See COOPSP01 for question, codes, and source.	164	CHAR(2)
COOP_P06		166	CHAR(1)
COOPSP07	See COOPSP01 for question, codes, and source.	167	CHAR(2)
COOP_P07		169	CHAR(1)
COOPSP08	See COOPSP01 for question, codes, and source.	170	CHAR(2)
COOP_P08		172	CHAR(1)
COOPSP09	See COOPSP01 for question, codes, and source.	173	CHAR(2)
COOP_P09		175	CHAR(1)
COOPSP10	See COOPSP01 for question, codes, and source.	176	CHAR(2)

COOP_P10		178	CHAR(1)
COOPSP11	See COOPSP01 for question, codes, and source.	179	CHAR(2)
COOP_P11		181	CHAR(1)
HOCOSP01	What services were provided for any SPECIAL payments to a management service? (TYPEPROP = 1 or 3 only) CODED 21 Management 22 Repairs and maintenance, including lawn care and snow removal 23 Improvements 24 Utilities: such as gas, electricity, water, heat 25 Parking 26 Recreational, including swimming, golf, and tennis facilities 27 Security, including guards and alarm systems 28 Maid service 29 Medical services 30 Trash collection 31 Other	182	CHAR(2)
	CAPI Section 3 (S03I 11b)		
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)
	Census derived		
QLMP_UMX		229	CHAR(1)
QPENALTX	Amount of penalty charges for special or lump sum payments, adjusted for business	230	NUM(8)
	Census derived		
QOPEN_LTX		238	CHAR(1)
QOTHERFX	Amount of regular HOA/condo fees NOT included in mortgage, adjusted for business	239	NUM(8)
	Census derived		
QOTH_RFX		247	CHAR(1)
QSPASSX	Amount paid for special assessments for local projects, such as the construction or repair of roads and sidewalks, adjusted for business	248	NUM(8)
	Census derived		
QSPASSX_		256	CHAR(1)
RNTEQVX	If someone were to rent your home today, how much do you think it would rent for monthly, unfurnished and without utilities?	257	NUM(6)
	CAPI Section 3 (S03I 13)		
RNTEQVX_		263	CHAR(1)

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

**PART A Telephone Expenses (UTA)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
TELMO	In what month was the bill received?  CAPI Section 4 (S 04A 4b)	24	CHAR(2)
TELMO_		26	CHAR(1)
TELBSNZ	What percentage of the total charge will be deducted as a business expense?  CAPI Section 4 (S04A 7b)	27	NUM(4,2)
TELBSNZ_		31	CHAR(1)
QADBILLX	Total amount of telephone bill, adjusted for business  Census derived	38	NUM(6)
QADB_LLX		44	CHAR(1)
TELRESD	Telephone service items included in bill CODED 1 Residential services CAPI Section 4 (S 04A 5)	45	CHAR(1)
TELRESD_		46	CHAR(1)
TELCELL	See TELRESD for question CODED 2 Mobile/cellular service CAPI Section 4 (S 04A 5)	47	CHAR(1)
TELCELL_		48	CHAR(1)
TELPAGER	See TELRESD for question CODED 3 Pager/beeper service CAPI Section 4 (S 04A 5)	49	CHAR(1)
TELP_GER		50	CHAR(1)
TELLOCAL	See TELRESD for question CODED 1 Yes, basic (local) service charge included 2 No, basic (local) service charge not included  CAPI Section 4 (S 04A 6a.1)	51	CHAR(1)

TELL_CAL		52	CHAR(1)
TELLONGD	See TELRESD for question CODED 1 Yes, domestic long distance charge included 2 No, domestic long distance charge not included	53	CHAR(1)
	CAPI Section 4 (S 04A 6a.2)		
TELL_NGD		54	CHAR(1)
TELINTL	See TELRESD for question CODED 1 Yes, international long distance charges included 2 No, international long distance charges not included	55	CHAR(1)
	CAPI Section 4 (S 04A 6a.3)		
TELINTL_		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 (S 04A 6a.4)		
TELSERV_		58	CHAR(1)
TELINSL	See TELRESD for question CODED 1 Yes, installation or repair of telephone lines included 2 No, installation or repair of telephone lines not included	59	CHAR(1)
	CAPI Section 4 (S 04A 6a.5)		
TELINSL_		60	CHAR(1)
TELPURCH	See TELRESD for question CODED 1 Yes, telephone or pager purchases or rentals included 2 No, telephone or pager purchases or rental not included	61	CHAR(1)
	CAPI Section 4 (S 04A 6a.6)		
TELP_RCH		62	CHAR(1)
TINTNET	See TELRESD for question CODED 1 Yes, internet access or data services included 2 No, internet access or data services not included	63	CHAR(1)
	CAPI Section 4 (S 04A 6a.7)		
TINTNET_		64	CHAR(1)

TCABLE	See TELRESD for question CODED 1 Yes, cable or satellite television services included 2 No, cable or satellite television services not included	65	CHAR(1)
	CAPI Section 4 (S 04A 6a.8)		
TCABLE_		66	CHAR(1)
DSLISDN	See TELRESD for question CODED 1 Yes, DSL or ISDN charges included 2 No, DSL or ISDN charges not included	67	CHAR(1)
	CAPI Section 4 (S 04A 6a.9)		
DSLISDN_		68	CHAR(1)
NTRTPUR	See TELRESD for question CODED 1 Yes, non-telephone related rentals or purchases included 2 No, non-telephone related rentals or purchases not included	69	CHAR(1)
	CAPI Section 4 (S 04A 6a.10)		
NTRTPUR_		70	CHAR(1)
QADINETX	Total expense for internet access or data services, adjusted for business BLS derived	71	NUM(6)
QADI_ETX		77	CHAR(1)
QADCABLX	Total expense for cable or satellite television service, adjusted for business BLS derived	78	NUM(6)
QADC_BLX		84	CHAR(1)
QADDSLIX	Total expense for DSL or ISDN, adjusted for business BLS derived	85	NUM(6)
QADD_LIX		91	CHAR(1)
QADNTRPX	Total expense for non-telephone related rentals and purchases, adjusted for business BLS derived	92	NUM(6)
QADN_RPX		98	CHAR(1)
QADNTCHX	Total expense for non-telephone related services, adjusted for business BLS derived	99	NUM(6)

QADN_CHX		105	CHAR(1)
TELRESDX	Total expense for residential service, adjusted for business BLS derived	106	NUM(6)
TELR_SDX		112	CHAR(1)
TELCELLX	Total expense for mobile/cellular service, adjusted for business BLS derived	113	NUM(6)
TELC_LLX		119	CHAR(1)
TELPAGRX	Total expense for pager/beeper service, adjusted for business BLS derived	120	NUM(6)
TELP_GRX		126	CHAR(1)

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

**PART B Additional Telephone Expenses (UTP)**

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

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 Screening Questions (UTB)**

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
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VACUTLY	Which utility or fuel for a rented vacation property was the charge for?	21	CHAR(3)
CODED			
	100 Electricity		
	110 Natural or utility gas		
	120 Combined gas and electricity (100-110)		
	130 Fuel oil		
	140 Kerosene		
	150 Bottled or tank gas		
	160 Wood		
	170 Coal		
	180 Other fuels		
	190 Combined expenses (130-180)		
	200 Piped-in water		
	210 Trash/garbage collection		
	220 Sewerage maintenance		
	230 Combined trash/garbage/water/sewerage (200 - 220)		
	240 Combined trash/garbage/water (200, 210)		
	250 Combined trash/garbage/sewerage (210, 220)		
	260 Combined water/sewerage (200, 220)		
	270 Water softening service		
	280 Septic tank cleaning		
	290 Cable TV, satellite services or community antenna		
	300 Internet connection and other computer related data services not already reported		
	310 Combined electric/water/sewerage		
	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 (S 04C 2b)

VACUTLY\_ 24 CHAR(1)

VACUTMO In what month was the bill received? 25 CHAR(2)

CAPI Section 4 (S 04C 2c)

VACUTMO\_ 27 CHAR(1)

VACUTLX What was the total amount of the charges? 28 NUM(6)

CAPI Section 4 (S 04C 2d)

VACUTLX\_ 34 CHAR(1)

VACUTL1 If VACUTLY = 900, then VACUTL1 will contain the first code mentioned of the multiple items indicated in VACUTLY 35 CHAR(3)

CAPI Section 4

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

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

### PART D Detailed Questions (UTC)

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
UTILY	Utility code CODED 100 Electricity 110 Natural gas 120 Combined gas and electricity (100, 110) 130 Fuel oil 140 Kerosene 150 Bottled or tank gas 160 Wood 170 Coal 180 Other fuels 190 Combined expenses (130-180) 200 Piped-in water 210 Trash/garbage collection 220 Sewer maintenance 230 Combined trash/garbage/water/sewerage (200-220) 240 Combined trash/garbage/water (200, 210) 250 Combined trash/garbage/sewerage (210, 220) 260 Combined water/sewerage (200, 220) 270 Water softening service 280 Septic tank cleaning 290 Cable TV, satellite services, or community antenna 300 Internet connection and other computer related data services not already reported 310 Combined electric/water/sewerage 315 Combined electric, gas, water, sewerage (codes 100, 200, 210) 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)	21	CHAR(3)

### CAPI Section 4 (S 04D 1a)

UTILY_		24	CHAR(1)
WHATPROP	What property were the charges for? CODED 01-20 Property number (PROP_NOB from Section 3, Part B) 97 Rented sample unit	25	CHAR(2)

98	Other rented unit
99	Property not owned or rented by CU

CAPI Section 4 (S 04D 2)

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

CAPI Section 4 (S 04D 3)

BLPE_IOD		29	CHAR(1)
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BILLMO	In what month was the bill received?	30	CHAR(2)
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CAPI Section 4 (S 04D 7a)

BILLMO_		32	CHAR(1)
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*UTILCON	What was the quantity consumed for this bill?	33	NUM(6)
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CAPI Section 4 (S 04D 7d)

**D(Y042)**

*UTILCON_		39	CHAR(1)
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**D(Y042)**

*UTLUNIT	What was the unit-of-measure, such as kilowatt hours, gallons, cubic feet or therms?	40	CHAR(2)
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CODED

- 10 Kilowatt hours (KWH)
- 15 Hundreds of KWH
- 20 Thousands of KWH
- 25 Cubic feet
- 30 Hundreds of cubic feet
- 35 Thousands of cubic feet
- 40 Therms
- 45 Gallons
- 50 Hundreds of gallons
- 55 Thousands of gallons
- 60 BTU's
- 65 Hundreds of BTU's
- 70 Thousands of BTU's

CAPI Section 4 (S 04D 7c)

**D(Y042)**

*UTLUNIT_		42	CHAR(1)
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**D(Y042)**

QFUELADZ	Percent of utility/fuel charge not attributable to business	47	NUM(4,2)
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	expenses and rooms rented to others		
	Census 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)
	Census derived		
QADFULX_		58	CHAR(1)
UTLPTYPE	Property code CODED 1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live 2 A second home, vacation home or recreational property 3 Unimproved land with no buildings on it or other property 4 Rented sample unit or other rented unit 5 Property not owned or rented by CU	59	CHAR(1)
	BLS derived		
UTLP_YPE		60	CHAR(1)
HAVEBILL	Did the respondent use a bill or statement? (Answer No if only checkbook records were used) 1 Yes, bill or statement used 2 No, bill or statement not used.	61	CHAR(1)
	CAPI Section 4		
HAVE_ILL		62	CHAR(1)
UTIL1	If UTILITY = 900, then UTIL1 will contain the first code mentioned of the multiple items indicated in UTILITY	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 eigth 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 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.

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

CAPI Section 5 (S05A 6b)

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?	25	NUM(6)

CAPI Section 5 (S05A 6c)

ADVMATX_		31	CHAR(1)
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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 (S05A 7b)			
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)

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

**PART B Job Description (CRB)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
CRMPCODEB	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 (S05B 1)		
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 (S05B 2b)		
CRMP_OPI		27	CHAR(1)

CRMTYPE	Job classification CODED 1 Addition 2 Alteration 3 Replacement 4 Maintenance and repair 5 New construction	28	CHAR(1)
CAPI Section 5 (S05B 3b)			
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.)	30	CHAR(3)
CAPI Section 5 (S05B 7)			
APPCDE1_		33	CHAR(1)
APPCDE2	See APPCDE1 for question, codes, and source.	34	CHAR(3)
APPCDE2_		37	CHAR(1)
APPCDE3	See APPCDE1 for question, codes, and source.	38	CHAR(3)
APPCDE3_		41	CHAR(1)
APPCDE4	See APPCDE1 for question, codes, and source.	42	CHAR(3)
APPCDE4_		45	CHAR(1)
APPCDE5	See APPCDE1 for question, codes, and source.	46	CHAR(3)

APPCDE5_		49	CHAR(1)
APPCDE6	See APPCDE1 for question, codes, and source.	50	CHAR(3)
APPCDE6_		53	CHAR(1)
REIMBRSZ	What percent of the total cost was (will be) reimbursed or paid by someone outside of your CU?	54	NUM(4,2)
	CAPI Section 5 (S05B 10b)		
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 (S05B 11b)		
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)
	Census 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)
	Census 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)
	Census derived		
QADL_B2X		90	CHAR(1)
QADLAB1X	Cost of labor, materials, appliances, and equipment provided by contractor for month, one month ago, adjusted for business and reimbursements	91	NUM(8)
	Census derived		
QADL_B1X		99	CHAR(1)
QADEQPX1	Cost of appliance or equipment provided by contractor, referenced by APPCDE1, adjusted for business and reimbursements	100	NUM(9,2)

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

	Census derived		
QADP_P2X		177	CHAR(1)
QADPSPLX	Cost of materials, supplies, tools, or equipment purchased by CU in the month, one month ago, adjusted for business and reimbursement	178	NUM(8)
	Census derived		
QADP_PLX		186	CHAR(1)
QADRSP3X	Cost of tools or equipment rented by CU in the month, three months ago, adjusted for business and reimbursement	187	NUM(8)
	Census derived		
QADR_P3X		195	CHAR(1)
QADRSP2X	Cost of tools or equipment rented by CU in the month, two months ago, adjusted for business and reimbursement	196	NUM(8)
	Census derived		
QADR_P2X		204	CHAR(1)
QADRSPLX	Cost of tools or equipment rented by CU in the month, one month ago, adjusted for business and reimbursement	205	NUM(8)
	Census derived		
QADR_PLX		213	CHAR(1)
CRMPTYPE	Property code CODED	214	CHAR(1)
	1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live		
	2 A second home, vacation home or recreational property		
	3 Unimproved land with no buildings on it or other property		
	4 Rented sample unit or other rented unit		
	5 Property not owned or rented by CU		
	BLS derived		
CRMP_YPE		215	CHAR(1)
CRMPCODE	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

CRM <b>CODE</b> _		219	CHAR(1)
QADPSPTX	Total cost of supplies purchased by CU adjusted for business & reimbursement)	220	NUM(8)
	CAPI Section 5		
QADP_PT <b>X</b>		228	CHAR(1)
QADTLRX	Total cost of supplies rented by CU (adjusted for business & reimbursement)	229	NUM(8)
	CAPI Section 5		
QADTLRX_		237	CHAR(1)
CRM <b>CDB1</b>	If CRM <b>CODEB</b> = 310, then CRM <b>CDA1</b> will contain the first code mentioned of the multiple items indicated in CRM <b>CODEB</b>	238	CHAR(3)
	CAPI Section 5		
CRM <b>CDB1</b> _		241	CHAR(1)
CRM <b>CDB2</b>	Same as CRM <b>CDB1</b> , but contains the second item mentioned	242	CHAR(3)
	CAPI Section 5		
CRM <b>CDB2</b> _		245	CHAR(1)
CRM <b>CDB3</b>	Same as CRM <b>CDB1</b> , but contains the third item mentioned	246	CHAR(3)
	CAPI Section 5		
CRM <b>CDB3</b> _		249	CHAR(1)
CRM <b>CDB4</b>	Same as CRM <b>CDB1</b> , but contains the fourth item mentioned	250	CHAR(3)
	CAPI Section 5		
CRM <b>CDB4</b> _		253	CHAR(1)
CRM <b>CDB5</b>	Same as CRM <b>CDB1</b> , but contains the fifth item mentioned	254	CHAR(3)
	CAPI Section 5		
CRM <b>CDB5</b> _		257	CHAR(1)
CRM <b>CDB6</b>	Same as CRM <b>CDB1</b> , but contains the sixth item mentioned	258	CHAR(3)
	CAPI Section 5		
CRM <b>CDB6</b> _		261	CHAR(1)
CRM <b>CDB7</b>	Same as CRM <b>CDB1</b> , but contains the seventh item mentioned	262	CHAR(3)

CAPI Section 5

CRMCDDB7_		265	CHAR(1)
CRMCDDB8_	Same as CRMCDDB1, but contains the eighth item mentioned	266	CHAR(3)
CAPI Section 5			
CRMCDDB8_		269	CHAR(1)
CRMCDDB9	Same as CRMCDDB1, but contains the ninth item mentioned	270	CHAR(3)
CAPI Section 5			
CRMCDDB9_		273	CHAR(1)

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

PART A Purchase of Household Appliances (APA)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
MAJAPPLY	Item code CODED 100 Electric cooking stove, range, or oven 110 Gas cooking stove, range, or oven 120 Microwave oven 130 Other cooking stove, range, or oven including wood, coal, or peat burning stoves 140 Refrigerator 150 Home-freezer 160 Built-in dishwasher 170 Portable dishwasher 180 Garbage disposal 190 Clothes washer 200 Clothes dryer 210 Range hood 220 Combined major appliances (100-210) CODED 225 Combined Clothes washer and dryer (190, 200)	21	CHAR(3)
	CAPI Section 6 (S06A col. c)		
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 (S06A col. d)		
GFTC0MAJ		26	CHAR(1)
MAJ_MO	When did you purchase it?	27	CHAR(2)
	CODED 01-12 January-December		
	CAPI Section 6 (S06A col. e)		
MAJ_MO_		29	CHAR(1)
MAJPURX	What was the purchase price after any trade-in allowance?	30	NUM(6)
	CAPI Section 6 (S06A col. f)		
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 (S06A col. h)		
MAJR_NTX		45	CHAR(1)
MAJINSTX	How much were any extra charges for installation?	46	NUM(6)
	CAPI Section 6 (S06A col. i)		
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_		56	CHAR(1)
MJAPPL2	Same as MJAPPL1, but contains the second item mentioned	57	CHAR(3)
	CAPI Section 6		
MJAPPL2_		60	CHAR(1)
MJAPPL3	Same as MJAPPL1, but contains the third item mentioned	61	CHAR(3)
	CAPI Section 6		
MJAPPL3_		64	CHAR(1)
MJAPPL4	Same as MJAPPL1, but contains the fourth item mentioned	65	CHAR(3)
	CAPI Section 6		
MJAPPL4_		68	CHAR(1)
MJAPPL5	Same as MJAPPL1, but contains the fifth item mentioned	69	CHAR(3)

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

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

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

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

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

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

CAPI Section 6 (S06B col. c)

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

- 2 Rented
- 3 Purchased for someone outside your CU

CAPI Section 6 (S06B col. d)

GFTCMIN_		26	CHAR(1)
MIN_MO	When did you purchase it?	27	CHAR(2)
	CODED		

- 01-12 January-December

CAPI Section 6 (S06B col. e)

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

CAPI Section 6 (S06B col. f)

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

CAPI Section 6 (S06B col. g)

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

CAPI Section 6

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

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

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
RPAIRTYP	Identifier of cost as equipment repair or service contract CODED 1 Equipment repair 2 Service contract	21	CHAR(1)
	CAPI Section 7 (S07B col. b)		
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	23	CHAR(3)
	CAPI Section 7 (S07B col. c)		
APPR_RYB		26	CHAR(1)
SRVCMOB	In what month was (repair done/service contract purchased)?	27	CHAR(2)
	CAPI Section 7 (S07B col. d)		
SRVCMOB_		29	CHAR(1)

REPAIRX	What was the total cost? CAPI Section 7 (S07B col. e)	30	NUM(6)
REPAIRX_		36	CHAR(1)
APPRPB1	If APPRPRYB = 900, then APPRPB1 will contain the first code mentioned of the multiple items indicated in APPRPRYB CAPI Section 7	37	CHAR(3)
APPRPB1_		40	CHAR(1)
APPRPB2	Same as APPRPB1, but contains the second item mentioned CAPI Section 7	41	CHAR(3)
APPRPB2_		44	CHAR(1)
APPRPB3	Same as APPRPB1, but contains the third item mentioned CAPI Section 7	45	CHAR(3)
APPRPB3_		48	CHAR(1)
APPRPB4	Same as APPRPB1, but contains the fourth item mentioned CAPI Section 7	49	CHAR(3)
APPRPB4_		52	CHAR(1)
APPRPB5	Same as APPRPB1, but contains the fifth item mentioned CAPI Section 7	53	CHAR(3)
APPRPB5_		56	CHAR(1)
APPRPB6	Same as APPRPB1, but contains the sixth item mentioned CAPI Section 7	57	CHAR(3)
APPRPB6_		60	CHAR(1)
APPRPB7	Same as APPRPB1, but contains the seventh item mentioned CAPI Section 7	61	CHAR(3)
APPRPB7_		64	CHAR(1)
APPRPB8	Same as APPRPB1, but contains the eighth item mentioned CAPI Section 7	65	CHAR(3)
APPRPB8_		68	CHAR(1)
APPRPB9	Same as APPRPB1, but contains the ninth item mentioned CAPI Section 7	69	CHAR(3)
APPRPB9_		72	CHAR(1)

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

PART A Purchases (FRA)

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

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

	220 Combined expenses (170, 171, 173, 180, 190-193, 195, 196, 198, 200-203, 205, 210, 211-217)	
	CODED	
	900 Combined expense (any item in section/part)	
	CAPI Section 8 (S08A col. c)	
FURN_URY		24 CHAR(1)
FURNMO	In what month did you purchase the item?	25 CHAR(2)
	CAPI Section 8 (S08A col. d)	
FURNMO_		27 CHAR(1)
FURNGFTC	Was this purchased for your CU or as a gift to someone outside the CU?	28 CHAR(1)
	CODED	
	1 For use by the CU	
	2 Household furnishings purchased for someone outside your CU	
	CAPI Section 8 (S08A col. e)	
FURN_FTC		29 CHAR(1)
FURNPURX	What was the purchase price?	30 NUM(6)
	CAPI Section 8 (S08A col. f)	
FRNPRY1	If FURNPURY = 900, then FRNPRY1 will contain the first code mentioned of the multiple items indicated in FURNPURY	37 CHAR(3)
	CAPI Section 8	
FRNPRY1_		40 CHAR(1)
FRNPRY2	Same as FRNPRY1, but contains the second item mentioned	41 CHAR(3)
	CAPI Section 8	
FRNPRY2_		44 CHAR(1)
FRNPRY3	Same as FRNPRY1, but contains the third item mentioned	45 CHAR(3)
	CAPI Section 8	
FRNPRY3_		48 CHAR(1)
FRNPRY4	Same as FRNPRY1, but contains the fourth item mentioned	49 CHAR(3)
	CAPI Section 8	
FRNPRY4_		52 CHAR(1)
FRNPRY5	Same as FRNPRY1, but contains the fifth item mentioned	53 CHAR(3)

	CAPI Section 8		
FRNPRY5_		56	CHAR(1)
FRNPRY6	Same as FRNPRY1, but contains the sixth item mentioned	57	CHAR(3)
	CAPI Section 8		
FRNPRY6_		60	CHAR(1)
FRNPRY7	Same as FRNPRY1, but contains the seventh item mentioned	61	CHAR(3)
	CAPI Section 8		
FRNPRY7_		64	CHAR(1)
FRNPRY8	Same as FRNPRY1, but contains the eighth item mentioned	65	CHAR(3)
	CAPI Section 8		
FRNPRY8_		68	CHAR(1)
FRNPRY9	Same as FRNPRY1, but contains the ninth item mentioned	69	CHAR(3)
	CAPI Section 8		
FRNPRY9_		72	CHAR(1)

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

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

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

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

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

PART A Clothing (CLA)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
CLOTHYA	Item code CODED 100 Coats, jackets, and furs 110 Sport coats and tailored jackets 120 Suits 130 Vests 140 Sweaters and sweater sets 150 Pants, slacks, and jeans 160 Shorts and short sets (excluding athletic shorts) 170 Dresses 180 Skirts 190 Shirts, blouses and tops 200 Undergarments 210 Hosiery 220 Nightwear and loungewear 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 (S09A col. c)		
CLOTHQA	How many of this item did you purchase?	25	NUM(4)
	CAPI Section 9 (S09A col. e)		
CLOTHQA_		29	CHAR(1)
CLOTHMOA	In what month did you purchase it?	30	CHAR(2)
	CAPI Section 9 (S09A col. f)		
CLOT_MOA		32	CHAR(1)
CLOTHXA	How much did it cost?	33	NUM(6)
	CAPI Section 9 (S09A col. g)		
CLOTHXA_		39	CHAR(1)
AGE_SEXA	Age/sex code of person for whom clothing item was purchased	40	CHAR(1)

	CODED		
	1 Male, 16 and over		
	2 Female, 16 and over		
	3 Male, 2 through 15		
	4 Female, 2 through 15		
	5 Infant under 2 years		
	BLS derived		
AGE_EXA		41	CHAR(1)
CLOGFTA	Identifier of purchase as gift or non-gift CODED	42	CHAR(1)
	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 CAPI Section 9	44	CHAR(3)
CLOTHA1_		47	CHAR(1)
CLOTHA2	Same as CLOTHA1, but contains the second item mentioned CAPI Section 9	48	CHAR(3)
CLOTHA2_		51	CHAR(1)
CLOTHA3	Same as CLOTHA1, but contains the third item mentioned CAPI Section 9	52	CHAR(3)
CLOTHA3_		55	CHAR(1)
CLOTHA4	Same as CLOTHA1, but contains the fourth item mentioned CAPI Section 9	56	CHAR(3)
CLOTHA4_		59	CHAR(1)
CLOTHA5	Same as CLOTHA1, but contains the fifth item mentioned CAPI Section 9	60	CHAR(3)
CLOTHA5_		63	CHAR(1)
CLOTHA6	Same as CLOTHA1, but contains the sixth item mentioned	64	CHAR(3)

CAPI Section 9

CLOTHA6_		67	CHAR(1)
CLOTHA7	Same as CLOTHA1, but contains the seventh item mentioned	68	CHAR(3)
	CAPI Section 9		
CLOTHA7_		71	CHAR(1)
CLOTHA8	Same as CLOTHA1, but contains the eighth item mentioned	72	CHAR(3)
	CAPI Section 9		
CLOTHA8_		75	CHAR(1)
CLOTHA9	Same as CLOTHA1, but contains the ninth item mentioned	76	CHAR(3)
	CAPI Section 9		
CLOTHA9_		79	CHAR(1)

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

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

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

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 (S09B col. c)	
CLOTHYB_		24 CHAR(1)
CLOGFTB	Was this item purchased for your CU or for someone outside of your CU? CODED 1 CU Member 2 Non-CU Member	25 CHAR(1)
	CAPI Section 9 (S09B col. d)	
CLOGFTB_		26 CHAR(1)
CLOTHQB	How many of this item did you purchase?	27 NUM(4)
	CAPI Section 9 (S09B col. e)	
CLOTHQB_		31 CHAR(1)
CLOTHMOB	In what month did you purchase it?	32 CHAR(2)
	CAPI Section 9 (S09B col. f )	
CLOT_MOB		34 CHAR(1)
CLOTHXB	How much did it cost?	35 NUM(6)
	CAPI Section 9 (S09B col. g)	
CLOTHXB_		41 CHAR(1)
AGE_SEXB	Age/sex code of person for whom item was purchased CODED 5 Infant under 2 years Blank Purchases of watches, jewelry, hairpieces, wigs, and toupees	42 CHAR(1)
	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)
	CAPI Section 9	
CLOTHB1_		47 CHAR(1)
CLOTHB2	Same as CLOTHB1, but contains the second item mentioned	48 CHAR(3)
	CAPI Section 9	

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

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

**PART C Sewing Materials (CLC)**

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

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 (S09C col. c)		
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 (S09C col. d)		
SEWGFTC_		26	CHAR(1)
SEWINGMO	In what month did you purchase it?	27	CHAR(2)
	CAPI Section 9 (S09C col. e)		
SEWI_GMO		29	CHAR(1)
SEWINGX	How much did it cost?	30	NUM(6)
	CAPI Section 9 (S09C col. f)		
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)

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

**PART D Clothing Services (CLD)**

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

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 (S09D col. c)		
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 (S09D col. d)		
CLSV_FTC		26	CHAR(1)
CLOTHMOD	In what month did you purchase it?	27	CHAR(2)
	CAPI Section 9 (S09D col. e)		
CLOT_MOD		29	CHAR(1)
CLSRVCX	How much did it cost?	30	NUM(6)
	CAPI Section 9 (S09D col. f)		
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	45	CHAR(3)
CAPI Section 9			
CLOTHD3_		48	CHAR(1)
CLOTHD4	Same as CLOTHD1, but contains the fourth item mentioned	49	CHAR(3)
CAPI Section 9			
CLOTHD4_		52	CHAR(1)
CLOTHD5	Same as CLOTHD1, but contains the fifth item mentioned	53	CHAR(3)
CAPI Section 9			
CLOTHD5_		56	CHAR(1)
CLOTHD6	Same as CLOTHD1, but contains the sixth item mentioned	57	CHAR(3)
CAPI Section 9			
CLOTHD6_		60	CHAR(1)
CLOTHD7	Same as CLOTHD1, but contains the seventh item mentioned	61	CHAR(3)
CAPI Section 9			
CLOTHD7_		64	CHAR(1)
CLOTHD8	Same as CLOTHD1, but contains the eighth item mentioned	65	CHAR(3)
CAPI Section 9			
CLOTHD8_		68	CHAR(1)
CLOTHD9	Same as CLOTHD1, but contains the ninth item mentioned	69	CHAR(3)
CAPI Section 9			
CLOTHD9_		72	CHAR(1)

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

**PART A.1 Screening Questions (RTV)**

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

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

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

**PART B Detailed Questions for Leased Vehicles (LSD)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
LSDNUM	Vehicle number  CAPI Section 10 (S10B 1a)	21	CHAR(2)
LSDNUM_		23	CHAR(1)
LSDCODE	Vehicle code CODED 100 Automobile 110 Truck or van  CAPI Section 10 (S10B 1b)	24	CHAR(3)
LSDCODE_		27	CHAR(1)
MODELRYR	What is the year of the vehicle?  CAPI Section 10 (S10B 2)	28	CHAR(4)
MODELRYR_		32	CHAR(1)
NUMCYL	How many cylinders does it have? (0 if rotary, turbine, or electric)  CAPI Section 10 (S10B 3)	38	NUM(2)
NUMCYL_		40	CHAR(1)
ANYAUTO	Does it have automatic transmission? CODED 1 Yes 2 No  CAPI Section 10 (S10B 4a)	41	CHAR(1)
ANYAUTO_		42	CHAR(1)
ANYSTEER	Does it have power steering? CODED 1 Yes 2 No  CAPI Section 10 (S10B 4b)	43	CHAR(1)
ANYS_EER		44	CHAR(1)

ANYBRAKE	Does it have power brakes? CODED 1 Yes 2 No	45	CHAR(1)
CAPI Section 10 (S10B 4c)			
ANYB_AKE		46	CHAR(1)
ANYAC Does it have air conditioning? CODED 1 Yes 2 No			
CAPI Section 10 (S10B 4d)			
ANYAC_		48	CHAR(1)
ANYROOF	Does it have a sun roof? CODED 1 Yes 2 No	49	CHAR(1)
CAPI Section 10 (S10B 4e)			
ANYROOF_		50	CHAR(1)
ANYTURBO	Does it have a turbo charged engine? CODED 1 Yes 2 No	51	CHAR(1)
CAPI Section 10 (S10B 4f)			
ANYT_RBO		52	CHAR(1)
ANYDIESL	Does it have a diesel engine? CODED 1 Yes 2 No	53	CHAR(1)
CAPI Section 10 (S10B 4g)			
ANYD_ESL		54	CHAR(1)
ANYWHEEL	Does it have four wheel drive? CODED 1 Yes 2 No	55	CHAR(1)
CAPI Section 10 (S10B 4h)			
ANYW_EEL		56	CHAR(1)
DOORS	How many doors does it have? (LSDCODE = 100 only)	57	NUM(1)

CAPI Section 10 (S10B 5a)		
DOORS_	58	CHAR(1)
TYPEVEH	Is it a . . . ? (LSDCODE = 100 only)	59
	CODED	CHAR(1)
	1 Station wagon	
	2 Convertible	
	3 Hatchback	
	4 Other	
CAPI Section 10 (S10B 5b)		
TYPEVEH_	60	CHAR(1)
PRCBSNSZ	What percent of the mileage is counted as a business expense?	61
CAPI Section 10 (S10B 6b)		
PRCB_NSZ	64	CHAR(1)
MILESVEH	How many miles are currently on the vehicle?	65
CAPI Section 10 (S10B 7)		
MILE_VEH	71	CHAR(1)
NEWUSED	Was it new or used when first leased?	72
	CODED	CHAR(1)
	1 New	
	2 Used	
CAPI Section 10 (S10B 8)		
NEWUSED_	73	CHAR(1)
LSDSOURC	Was this vehicle leased from a . . . ? (Lessor)	74
	CODED	CHAR(1)
	1 New or used vehicle dealer	
	2 Independent leasing company	
	3 Bank	
	4 Someplace else	
CAPI Section 10 (S10B 9)		
LSDS_URC	75	CHAR(1)
NUMPAY	What was the number of payments contracted for?	76
CAPI Section 10 (S10B 10a)		
NUMPAY_	79	CHAR(1)
PMTMONTH	In what month was the first payment made?	80
CAPI Section 10 (S10B 10b)		

PMTM_NTH		82	CHAR(1)
PAYEXPX	What is the amount of each payment?	83	NUM(4)
	CAPI Section 10 (S10B 10c)		
PAYEXPX_		87	CHAR(1)
PAYTIME	What period is covered by each payment? CODED 1 Week 2 2 weeks 3 Month 4 Quarter 5 Semiannually 6 Annually 7 Other	88	CHAR(1)
	CAPI Section 10 (S10B 10d)		
PAYTIME_		89	CHAR(1)
EMPLYEXP	How much of the leasing cost is paid by an employer?	90	NUM(8)
	CAPI Section 10 (S10B 11)		
EMPL_EXP		98	CHAR(1)
TRADEEXP	How much was the trade-in allowance received?	99	NUM(8)
	CAPI Section 10 (S10B 12)		
TRAD_EXP		107	CHAR(1)
DOWNEXP	How much was the cash down payment made?	108	NUM(8)
	CAPI Section 10 (S10B 13a)		
DOWNEXP_		116	CHAR(1)
DNEMPEXP	How much of the cash down payment was paid by an employer?	117	NUM(8)
	CAPI Section 10 (S10B 13b)		
DNEM_EXP		125	CHAR(1)
LSDENDMO	In what month was the lease terminated?	126	CHAR(2)
	CAPI Section 10 (S10B 14b)		
LSDE_DMO		128	CHAR(1)
QADPMT1X	Amount paid for all leasing charges, adjusted for business, first month of reference period	129	NUM(8)

	Census derived		
QADP_T1X		137	CHAR(1)
QADPMT2X	Amount paid for all leasing charges, adjusted for business, second month of reference period	138	NUM(8)
	Census derived		
QADP_T2X		146	CHAR(1)
QADPMT3X	Amount paid for all leasing charges, adjusted for business, third month of reference period	147	NUM(8)
	Census derived		
QADP_T3X		155	CHAR(1)
QEXTRA1X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, first month of reference period	156	NUM(8)
	Census derived		
QEXT_A1X		164	CHAR(1)
QEXTRA2X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, second month of reference period	165	NUM(8)
	Census derived		
QEXT_A2X		173	CHAR(1)
QEXTRA3X	Amount of charges other than lease amount, such as auto insurance or maintenance, adjusted for business, third month of reference period	174	NUM(8)
	Census derived		
QEXT_A3X		182	CHAR(1)
QADDOWNX	Amount of cash down payment, adjusted for business	183	NUM(8)
	Census derived		
QADD_WNX		191	CHAR(1)
QADFEEX	Amount of fees at termination of loan, adjusted for business	192	NUM(8)
	Census derived		
QADFEEX_		200	CHAR(1)
MKMDEL	Vehicle make and model	201	CHAR(5)

CAPI Section 10

MKMDDEL_		206	CHAR(1)
LSDENDYR	In what year was the lease terminated?	207	CHAR(4)
CAPI Section 10			
LSDE_DYR		211	CHAR(1)

**z. 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.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
VEHICYB	Vehicle code CODED 100 Automobile 110 Truck, including vans 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 200 Any other vehicle	21	CHAR(3)

CAPI Section 11 (S11B 1b)

VEHICYB_		24	CHAR(1)
VEHICYR	What is the year of the vehicle? CODED	25	CHAR(2)
	01 ≤ 1969 02 1970-1974 03 1975-1979 04 1980-1982 05 1983-1985 06 1986 07 1987 08 1988 09 1989 10 1990 11 1991 12 1992 13 1993		

14 1994  
 15 1995  
 16 1996  
 17 1997  
 18 1998  
 19 1999  
 20 2000  
 21 2001  
 22 2002

BLS derived

VEHICYR_		27	CHAR(1)
CYLQ	How many cylinders does it have? (0 if rotary, turbine, or electric)	33	NUM(2)
	CAPI Section 11 (S11B 4)		
CYLQ_		35	CHAR(1)
AUTOTRAN	Does it have automatic transmission?	36	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 11 (S11B 5a)		
AUTO_RAN		37	CHAR(1)
PWRSTEER	Does it have power steering?	38	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 11 (S11B 5b)		
PWRS_EER		39	CHAR(1)
PWRBRAKE	Does it have power brakes?	40	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 11 (S11B 5c)		
PWRB_AKE		41	CHAR(1)
AIRCAR	Does it have air conditioning?	42	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 11 (S11B 5d)		
AIRCAR_		43	CHAR(1)

SUNROOF	Does it have a sun roof? CODED 1 Yes 2 No	44	CHAR(1)
CAPI Section 11 (S11B 5e)			
SUNROOF_		45	CHAR(1)
TURBOCHG Does it have a turbo charged engine?			
TURBOCHG	CODED 1 Yes 2 No	46	CHAR(1)
CAPI Section 11 (S11B 5f)			
TURB_CHG		47	CHAR(1)
DIESEL	Does it have a diesel engine? CODED 1 Yes 2 No	48	CHAR(1)
CAPI Section 11 (S11B 5g)			
DIESEL_		49	CHAR(1)
FRWHLDRV	Does it have four wheel drive? CODED 1 Yes 2 No	50	CHAR(1)
CAPI Section 11 (S11B 5h)			
FRWH_DRV		51	CHAR(1)
NUMDOOR	How many doors does it have? (VEHICYB = 100 only)	52	NUM(1)
CAPI Section 11 (S11B 6a)			
NUMDOOR_		53	CHAR(1)
AUTOTYPE	Is it a . . . ? (VEHICYB = 100 only) CODED 1 Station wagon 2 Convertible 3 Hatchback 4 Other	54	CHAR(1)
CAPI Section 11 (S11B 6b)			
AUTO_YPE		55	CHAR(1)
VEHBSNZ	What percent of the mileage is counted as a business expense?	56	NUM(4,2)

	CAPI Section 11 (S11B 7b)		
VEHBSNZ_		60	CHAR(1)
VEHNEWU	Was it new or used when acquired? CODED 1 New 2 Used	61	CHAR(1)
	CAPI Section 11 (S11B 8)		
VEHNEWU_		62	CHAR(1)
VPURSRCE	Was this vehicle purchased from . . . ? (Seller) CODED 1 Vehicle dealership 2 Private individual 3 Other	63	CHAR(1)
	CAPI Section 11 (S11B 9)		
VPUR_RCE		64	CHAR(1)
VEHGFTC	Was this vehicle . . . ? CODED 1 Purchased for own use 2 Purchased as gift to person outside CU 3 Received as gift	65	CHAR(1)
	CAPI Section 11 (S11B 10a)		
VEHGFTC_		66	CHAR(1)
VEHPURMO	In what month was it purchased?	67	CHAR(2)
	CAPI Section 11 (S11B 11)		
VEHP_RMO		69	CHAR(1)
VEHPURYR	In what year was it purchased?	70	CHAR(4)
	CAPI Section 11 (S11B 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 (S11B 12b)		
VFIN_TAT		76	CHAR(1)

TRADEX	How much was the trade-in allowance received? CAPI Section 11 (S11B 13b)	77	NUM(6)
TRADEX_		83	CHAR(1)
NETPURX	What was the amount paid for it after trade-in allowance and discount? CAPI Section 11 (S11B 13c)	84	NUM(6)
NETPURX_		90	CHAR(1)
EMPLEXPX	How much of the amount or price was paid by an employer? CAPI Section 11 (S11B 13f)	91	NUM(6)
EMPL_XPX		97	CHAR(1)
DNPAYMTX	What was the amount of the cash down payment? (VFINSTAT = 2 only) CAPI Section 11 (S11B 14)	98	NUM(6)
DNPA_MTX		104	CHAR(1)
FIN_INST	What was the source of credit? (VFINSTAT = 2 only) CODED 1 Auto dealer 2 Finance company 3 Bank 4 Credit union 5 Insurance company 6 Individual 7 Other CAPI Section 11 (S11B 15a)	105	CHAR(1)
FIN_NST		106	CHAR(1)
PRINCIPX	How much was borrowed, excluding any interest? CAPI Section 11 (S11B 15c)	107	NUM(6)
PRIN_IPX		113	CHAR(1)
VEHQPMT	What was the number of payments contracted for? CAPI Section 11 (S11B 15d)	114	NUM(4)
VEHQPMT_		118	CHAR(1)
PMT1MO	In what month was the first payment made? CAPI Section 11 (S11B 15e)	119	CHAR(2)

PMT1MO_		121	CHAR(1)
PMT1YR	In what year was the first payment made?	122	CHAR(4)
	CAPI Section 11 (S11B 15e)		
PMT1YR_		126	CHAR(1)
PAYMENTX	What is the amount of each payment?	127	NUM(4)
	CAPI Section 11 (S11B 15f)		
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	132	CHAR(1)
	CAPI Section 11 (S11B 15g)		
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?	134	NUM(6)
	CAPI Section 11 (S11B 15i)		
EXTR_HGX		140	CHAR(1)
QINTRSTZ	Interest rate, based on the direct ratio formula  $QINTRSTZ = \frac{72 * ((VEHQPMT * PAYMENTX) - PRINCIPX)}{((3 * PRINCIPX) * (VEHQPMT + 1)) + (((VEHQPMT * PAYMENTX) - PRINCIPX) * (VEHQPMT - 1)))}$ BLS derived	141	NUM(5,4)
QINT_STZ		146	CHAR(1)
	The following is the calculation of the next 12 variables, monthly principal, interest, balance and number of months. Note that i goes from 1 to 3.		
	If QINTRSTZ > 0 then QBALNMiX=[PRINCIPX*(1 + (QINTRSTZ/12))**(QLOANMiQ-1)] + [PAYMENTX*((1 - (1 + (QINTRSTZ/12))**(QLOANMiQ-1))/(QINTRSTZ/12))]		
	Else if QINTRSTZ = 0 then QBALNMiX=PRINCIPX - ((QLOANMiQ - 1) * PAYMENTX)		

NOTE: If QBALNM1X < 0 then set the following variables to blank:  
 QLOANM1-3Q, QBALNM1-3X, QVINTM1-3X, QADITR1-3X,  
 QINTRSTZ

Else if QBALNM2X < 0 then set the following variables to blank:  
 QLOANM2-3Q, QBALNM2-3X, QVINTM2-3X, QVPRIM2-3X,  
 QADITR2-3X

Else if QBALNM3X < 0 then set the following variables to blank:  
 QLOANM3Q, QBALNM3X, QVINTM3X, QVPRIM3X,  
 QADITR3X

NOTE: If the loan has not yet begun, the variables will be set to blank.

$QVINTMiX = QBALNMiX * (QINTRSTZ/12)$   
 $QVPRIMiX = PAYMENTX - QVINTMiX$

QLOANM1Q	Number of months since the inception of loan as of first month of reference period	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 BLS derived	193	NUM(8)
QVIN_M2X		201	CHAR(1)
QVPRIM2X	Amount of principal paid during second month of reference period BLS derived	202	NUM(8)
QVPR_M2X		210	CHAR(1)
QLOANM3Q	Number of months since the inception of loan as of third month of reference period BLS derived	211	NUM(4)
QLOA_M3Q		215	CHAR(1)
QBALNM3X	Principal balance outstanding at the beginning of second month of reference period BLS derived	216	NUM(8)
QBAL_M3X		224	CHAR(1)
QVINTM3X	Amount of interest paid during third month of reference period BLS derived	225	NUM(8)
QVIN_M3X		233	CHAR(1)
QVPRIM3X	Amount of principal paid during third month of reference period BLS derived	234	NUM(8)
QVPR_M3X		242	CHAR(1)
QTRADEX	Amount paid for vehicle after trade-in allowance minus amount of cost paid by employer  If EMPLEXPX is not an illegal entry code: QTRADEX = NETPURX - EMPLEXPX  Else If VEHBSNZ is present: QTRADEX = NETPURX - VEHBSNZ * NETPURX  Else QTRADEX = NETPURX - .20 * NETPURX  Census derived	243	NUM(8)
QTRADEX_		251	CHAR(1)

QREIMBRZ	Percent of cost paid by employer after trade-in allowance (EMPLEXPX/NETPURX)	252	NUM(4,2)
	Census 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)
	Census derived		
QDNP_MTX		290	CHAR(1)
VEHMILE	How many miles are currently on the vehicle? (VEHICYB = 100- 120, 150 only)	291	NUM(6)
	CAPI Section 11 (S11B 10b)		
VEHMILE_		297	CHAR(1)
VEHEQTLN	Was the source of credit a home equity loan? (FIN_INST = 2, 3, 4 only) CODED 1 Yes 2 No	298	CHAR(1)
	CAPI Section 11 (S11B 15b)		
VEHE_TLN		299	CHAR(1)

VEHICIB	Vehicle number	300	CHAR(2)
	CAPI Section 11 (S11B 1a)		
VEHICIB_		302	CHAR(1)
MKMODEL	Vehicle make and model	303	CHAR(5)
	CAPI Section 11		
MKMODEL_		308	CHAR(1)
NOOPTION	Vehicle has no listed options ‘1’ = Yes ‘2’ = No	309	CHAR(1)
	CAPI Section 11		
NOOP_ION		310	CHAR(1)
DKOPTION	Don’t know which options ‘1’ = Yes ‘2’ = No	311	CHAR(1)
	CAPI Section 11		
DKOP_ION		312	CHAR(1)
VFINANCE	Was any portion of the vehicle price financed? ‘1’ = Vehicle was financed ‘2’ = Vehicle not financed	313	CHAR(1)
	CAPI Section 11		

**aa. SECTION 11 OWNED VEHICLES**

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

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

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	21	CHAR(3)
	CAPI Section 11 (S11C 1b)		
VEHICYC_		24	CHAR(1)
VEHDISP	How did you dispose of the vehicle? CODED 1 Sold 2 Traded in 3 Given away to someone outside the CU, including students away at school 4 Damaged beyond repair 5 Stolen 6 Other	25	CHAR(1)
	CAPI Section 11 (S11C 2a)		
VEHDISP_		26	CHAR(1)
VDISPMO	In what month was it disposed of?	27	CHAR(2)
	CAPI Section 11 (S11C 2b)		
VDISPMO_		29	CHAR(1)
SALEX	How much did you sell it for? (VEHDISP = 1 only)	30	NUM(6)
	CAPI Section 11 (S11C 3)		
SALEX_		36	CHAR(1)
REIMBURX	How much did you receive for the vehicle? (VEHDISP = 4 or 5 only)	37	NUM(6)
	CAPI Section 11 (S11C 4b)		
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 (S11C 4d)

EXRE_MBX		50	CHAR(1)
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 (S11C 5a)

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

CAPI Section 11 (S11C 5c)

FINP_YMX		59	CHAR(1)
VEHICIC	Vehicle number	60	CHAR(2)

CAPI Section 11 (S11C 1a)

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

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
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 (S12A col. e)		
VOPV_HYA		24	CHAR(1)
VOPMOA	In what month did you have this expense?	25	CHAR(2)
	CAPI Section 12 (S12A col. f)		
VOPMOA_		27	CHAR(1)
VOPEXPX	What was the total cost?	28	NUM(6)
	CAPI Section 12 (S12A col. g)		
VOPEXPX_		34	CHAR(1)
VOPRMBXA	How much was (will be) reimbursed?	35	NUM(6)
	CAPI Section 12 (S12A col. j)		
VOPR_BXA		41	CHAR(1)

QVOPEQPX	Amount paid for vehicle equipment or maintenance less reimbursements	42	NUM(8)
If VOPRMBXA is present: QVOPEQPX = VOPEXPX - VOPRMBXA			
Else: If VOPREIMA = 1 then QVOPEQPX = 0 If VOPREIMA = 2 then QVOPEQPX = VOPEXPX * .6 If VOPREIMA = 3 then QVOPEQPX = VOPEXPX * .5 If VOPREIMA = 4 then QVOPEQPX = VOPEXPX			
Census derived			
QVOP_QPX		50	CHAR(1)
VOPSERVY	Item code	51	CHAR(3)
CODED			
100 Oil change, lubrication, and oil filter 110 Motor tune-up 120 Brake work 130 Battery purchase and installation 140 Tire purchases and mounting 150 Tire repair 160 Front end alignment, wheel balancing, and wheel rotation 170 Steering or front end work 180 Electrical system work 190 Engine repair or replacement 200 Air conditioning work 210 Engine cooling system work 300 Exhaust system work 310 Clutch or transmission work 320 Body work and painting 330 Shock absorber replacement 340 Drive shaft or rear-end work 350 Audio equipment and installation 360 Vehicle accessories and customization 370 Other vehicle services, parts, and equipment 500 Combined expenses (100-370)			
CODED			
115 Combined oil change/lube/filter and motor tune-up (100, 110)			
CAPI Section 12 (S12A col. c)			
VOPS_RVY		54	CHAR(1)
VOPLABOR	Did this expense include labor?	55	CHAR(1)
CODED			
1 Yes 2 No			
CAPI Section 12 (S12A col. d)			

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

CAPI Section 12

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

**cc. SECTION 12 VEHICLE OPERATING EXPENSES**

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

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

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

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

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

**dd. SECTION 12 VEHICLE OPERATING EXPENSES**

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

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

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

VOPPLCYX	Since the 1st of ( <i>month, 3 months ago</i> ), excluding ( <i>this month</i> ), how much were expenses for auto repair service policies? Do not include service policies for vehicles used entirely for business.	45	NUM(5)
CAPI Section 12 (S12C 5b)			
VOPP_CYX		50	CHAR(1)
TANKGASX Since the 1st of ( <i>month, 3 months ago</i> ), excluding ( <i>this month</i> ), how much were expenses for bottled or tank gas for recreational vehicles, including vans, campers, and boats?			
CAPI Section 12 (S12C 6b)			
TANK_ASX		57	CHAR(1)
QBSNSEPZ	Percent of expenses for gasoline and other fuels counted as business expense	58	NUM(4,2)
Census 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)
Census 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)
CAPI Section 12 ( S12C 5d)			
VOPC_UBX		95	CHAR(1)

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

**PART B Detailed Questions (INB)**

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

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

INSP_PY4		41	CHAR(1)
INSPRPY5	See INSPRPY1 for question and source.	42	CHAR(2)
INSP_PY5		44	CHAR(1)
INSPRPY6	See INSPRPY1 for question and source.	45	CHAR(2)
INSP_PY6		47	CHAR(1)
PREMPAID	Are the policy premiums paid . . .? (Payer) CODED 1 Entirely by CU 2 Partially by CU and partially by someone outside the CU 3 Entirely by an employer or union 4 Entirely by another group or persons outside the CU	48	CHAR(1)
	CAPI Section 13 (S13B 6a)		
PREM_AID		49	CHAR(1)
PAYDEDPR	Are any premiums paid through payroll deductions? (PREMPAID = 1 or 2 only) CODED 1 Yes 2 No	50	CHAR(1)
	CAPI Section 13 (S13B 6b)		
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	52	CHAR(1)
	CAPI Section 13 (S13B 7)		
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.)	54	NUM(4,2)
	QINSRDDZ = SUM(1-VEHBSNZ)/n		
	Census 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		
	Census derived		
QPRO_DDZ		63	CHAR(1)
QRTINDDZ	Percent of rented property expense paid by CU, adjusted for business, averaged over all properties. (The percentage is derived from a variable in Section 2.)	64	NUM(4,2)
	QRTINDDZ = SUM(1-RTBSNSZ)/n		
	Census derived		
QRTI_DDZ		68	CHAR(1)
QVH3MCMX	Amount paid in premiums for automobile or other vehicle insurance, adjusted for business, during reference period	69	NUM(8)
	Census derived		
QVH3_CMX		77	CHAR(1)
QPR3MCMX	Amount paid in premiums for homeowner's and fire and extended coverage insurance, adjusted for business, during reference period	78	NUM(8)
	Census derived		
QPR3_CMX		86	CHAR(1)
QTN3MCMX	Amount paid in premiums for tenant's insurance, adjusted for business, during reference period	87	NUM(8)
	Census derived		
QTN3_CMX		95	CHAR(1)
QLIFCMX	Amount paid in premiums for life insurance or other policies which provide benefits in case of death during reference period	96	NUM(8)
	Census derived		
QLIFCMX_		104	CHAR(1)
QOTHCMX	Amount paid in premiums for other types of non-health insurance during reference period	105	NUM(8)

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

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

**PART B Detailed Questions (IHB)**

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

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

	3 Group through other organization		
CAPI Section 14 (S14B 5)			
HHIG_OUP		30	CHAR(1)
HHIPRMPD	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	31	CHAR(1)
CAPI Section 14 (S14B Q6)			
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	33	CHAR(1)
CAPI Section 14 (S14B Q7)			
HHIP_DED		34	CHAR(1)
HHIRPMPD	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	35	CHAR(1)
CAPI Section 14 (S14B Q8b)			
HHIR_MPD		36	CHAR(1)
QHI3MCX	Amount paid for health insurance premiums during the reference period  Census derived	37	NUM(8)
QHI3MCX_		45	CHAR(1)
HHIBCBS	Is insurance company Blue Cross/Blue Shield? CODED 1 Yes 2 No	46	CHAR(1)
CAPI Section 14 (S14B 2)			

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

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

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
HHMCRENR	Are you (or any Members of your CU) presently enrolled in Medicare or have you (or any Members of your CU) been enrolled since the 1st of ( <i>month, 3 months ago</i> )? Medicare is the Federal Health Insurance Plan.  CODED 1 Yes 2 No	21	CHAR(1)
	CAPI Section 14 (S14C 1a)		
HHMC_ENR		22	CHAR(1)
HHMCRCOV	How many Members of your CU are covered by Medicare? (HHMCRENR = 1 only)	23	NUM(2)
	CAPI Section 14 (S14C 1b)		
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	71	CHAR(1)
	CAPI Section 14 (S14C 2a)		
MDCDENR_		72	CHAR(1)
MDCDCOV	How many Members of your CU are covered by Medicaid? (MDCDENR = 1 ONLY)	73	NUM(2)
	CAPI Section 14 (S14C 2b)		
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	121	CHAR(1)
	CAPI Section 14 (S14C 3)		
OTHPLAN_		122	CHAR(1)

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

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

### PART B Payments For Medical Expenses (MDB)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
MEDPCARY	Item code (Payment) CODED <ul style="list-style-type: none"> <li>110 Eye examinations, treatment, or surgery</li> <li>120 Purchase of eye glasses or contact lenses</li> <li>130 Combined eye care services (110, 120)</li> <li>200 Dental care</li> <li>310 Hospital room</li> <li>320 Hospital services</li> <li>330 Combined hospital room and services (310, 320)</li> <li>410 Services by medical professionals other than physician</li> <li>420 Physician services</li> <li>430 Combined hospital care and physicians' services (310, 320, 410, 420)</li> <li>510 Lab tests or x-rays</li> <li>520 Care in convalescent or nursing home</li> <li>530 Other medical care</li> <li>540 Combined medical care services (510-530)</li> <li>610 Hearing aids</li> <li>620 Prescribed medicines or prescribed drugs</li> <li>630 Rental of supportive or convalescent equipment</li> <li>640 Purchase of supportive or convalescent equipment</li> <li>650 Rental of medical or surgical equipment for general use</li> <li>660 Purchase of medical or surgical equipment for general use</li> <li>670 Combined medicine and medical supplies (610-660)</li> </ul>	21	CHAR(3)

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

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

## ii. SECTION 15 MEDICAL AND HEALTH EXPENDITURES

### PART D Reimbursements For Medical Expenses (MDC)

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

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

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

CAPI Section 15 (S15D col. a)

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 (S15D col. b)

MEDR_FTC		26	CHAR(1)
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MEDRMBMO	In what month was (were) the reimbursement(s) received?	27	CHAR(2)
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CAPI Section 15 (S15D col. c)

MEDR_BMO		29	CHAR(1)
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MEDRMBX	What was the amount of the reimbursement?	30	NUM(8)
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CAPI Section 15 (S15D col. d)

MEDRMBX_		38	CHAR (1)
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MEDRCY1	If MEDRCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDRCARY	39	CHAR(3)
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CAPI Section 15

MEDRCY1_		42	CHAR(1)
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MEDRCY2	Same as MEDRCY1, but contains the second item mentioned	43	CHAR(3)
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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)

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
EDUC_AY	Item code	21	CHAR(3)
	CODED		
	100 Recreational lessons or other instructions for Members of this CU or other persons		
	200 Nursery school or child day care centers for Members of this CU or other persons		
	300 Tuition		
	310 Housing while attending school		
	320 Food or board while attending school		
	330 Combined room and board (310, 320)		
	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 (S16 col. b)		
EDUC_AY_		24	CHAR(1)
EDUCGFTC	Who was the educational expense for?	25	CHAR(2)
	CODED		
	01-98 CU Member (MEMINO from MEMI file)		
	99 Someone outside CU		
	CAPI Section 16 (S16 col. d)		
EDUC_FTC		27	CHAR(1)
EDSCHL_A	What kind of school was it?	28	CHAR(1)
	CODED		
	1 College or university		
	2 Elementary or high school		
	3 Child day care center		
	4 Nursery school or preschool		
	5 Other school		
	CAPI Section 16 (S16 col. e)		
EDSC_L_A		29	CHAR(1)

*EDMONTHA	In what month was the payment made?	30	CHAR(2)
	CODED '01' – '12' Month of expense '13' Continuous expense <b>N(Y042)</b>		
	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)

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

**PART A Subscriptions and Memberships (SUB)**

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

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

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

### **PART B Books and Entertainment Expenses (ENT)**

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

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

QNEW_MCX		74	CHAR(1)
QREC3MCX	Amount paid for compact discs, audio tapes, needles, or records other than through a mail-order club during the reference period	75	NUM(8)
	Census derived		
QREC_MCX		83	CHAR(1)
QFLM3MCX	Amount paid for photographic film during the reference period	84	NUM(8)
	Census derived		
QFLM_MCX		92	CHAR(1)
QFLP3MCX	Amount paid for film processing during the reference period	93	NUM(8)
	Census 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)
	Census 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)
	Census derived		
QRVD_MCX		119	CHAR(1)

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

PART B Trips Paid Entirely By CU

PART C Partially Reimbursed Trips

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
WHATPART	In what part of Section 18 of the questionnaire were trip expenses recorded? CODED 1 Part B 2 Part C	23	CHAR(1)

	BLS derived		
WHAT_ART		24	CHAR(1)
TRIPIDBC	Trip identification number	25	NUM(2)
	CAPI Section 18 (S18B/C 1a)		
TRIP_DBC		27	CHAR(1)
NUMSAME	Number of identical trips	28	NUM(2)
	S18B/C 1c		
NUMSAME_		30	CHAR(1)
EOTRIPMO	Month ended CODED 01-12 January-December 13 Trip not yet ended	31	CHAR(2)
	CAPI Section 18 (S18B/C 1d)		
EOTR_PMO		33	CHAR(1)
NUMNIGHT	How many nights did you (or any Members of your CU) spend away from home on this trip?	34	NUM(3)
	CAPI Section 18 (S18B/C 1g)		
NUMN_GHT		37	CHAR(1)
FOODDEAL	Did the package deal include food and beverages? CODED 1 Yes 2 No	38	CHAR(1)
	CAPI Section 18 (S18B/C 2b)		
FOOD_EAL		39	CHAR(1)
LODGDEAL	Did the package deal include lodging? CODED 1 Yes 2 No	40	CHAR(1)
	CAPI Section 18 (S18B/C 2b)		
LODG_EAL		41	CHAR(1)
TRANDEAL	Did the package deal include transportation? CODED 1 Yes 2 No	42	CHAR(1)
	CAPI Section 18 (S18B/C 2b)		

TRAN_EAL		43	CHAR(1)
ELSEDEAL	Did the package deal include anything else? CODED 1 Yes 2 No	44	CHAR(1)
	CAPI Section 18 (S18B/C 2b)		
ELSE_EAL		45	CHAR(1)
CMLOCALY	Starting at the beginning of this trip, please tell me all the kinds of transportation you (or any Members of your CU) used from the time you (they) left home to the time you (they) got back home. CODED 01 Local (taxi, etc.)	46	CHAR(2)
	CAPI Section 18 (S18B/C 3a)		
CMLO_ALY		48	CHAR(1)
CMPLANET	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 CMLOCALLY for question and source. CODED 08 Rented motorcycle or moped	67	CHAR(2)
RTMO_EDY		69	CHAR(1)
RTPLANETY	See CMLOCALLY for question and source. CODED 09 Rented private plane	70	CHAR(2)
RTPL_NEY		72	CHAR(1)
RTBOATY	See CMLOCALLY for question and source. CODED 10 Rented boat or trailer	73	CHAR(2)
RTBOATY_		75	CHAR(1)
RTCAMPY	See CMLOCALLY for question and source. CODED 11 Rented camper	76	CHAR(2)
RTCAMPY_		78	CHAR(1)
RTOTHERY	See CMLOCALLY for question and source. CODED 12 Other rented vehicles	79	CHAR(2)
RTOT_ERY		81	CHAR(1)
PVCARY	See CMLOCALLY for question and source. CODED 13 Car owned by CU	82	CHAR(2)
PVCARY_		84	CHAR(1)
PVLEASEY	See CMLOCALLY for question and source. CODED 14 Vehicle leased by CU	85	CHAR(2)
PVLE_SEY		87	CHAR(1)
PVOTHERY	See CMLOCALLY for question and source. CODED 15 Other vehicle owned by CU	88	CHAR(2)
PVOT_ERY		90	CHAR(1)
PVELSEY	See CMLOCALLY for question and source. CODED 16 Vehicle owned by someone else	91	CHAR(2)
PVELSEY_		93	CHAR(1)

PVTRANSY	See CMLOCALY for question and source. CODED 17 Other transport	94	CHAR(2)
PVTR_NSY		96	CHAR(1)
CMLOCALX	Amount spent for local transportation (taxi, etc.)  BLS derived	97	NUM(8)
CMLO_ALX		105	CHAR(1)
CMPLANEX	Amount spent for commercial airplanes  BLS derived	106	NUM(8)
CMPL_NEX		114	CHAR(1)
CMTRAINX	Amount spent for trains  BLS derived	115	NUM(8)
CMTR_INX		123	CHAR(1)
CMBUSX	Amount spent for buses  BLS derived	124	NUM(8)
CMBUSX_		132	CHAR(1)
CMSHIPX	Amount spent for ships  BLS derived	133	NUM(8)
CMSHIPX_		141	CHAR(1)
RTCARX	Amount spent for rented cars or jeeps not including gas you (or any Members of your CU) bought  BLS derived	142	NUM(8)
RTCARX_		150	CHAR(1)
RTTRUCKX	Amount spent for rented trucks or vans not including gas you (or any Members of your CU) bought  BLS derived	151	NUM(8)
RTTR_CKX		159	CHAR(1)
RTMOPEDX	Amount spent for rented motorcycles or mopeds not including gas you (or any Members of your CU) bought  BLS derived	160	NUM(8)
RTMO_EDX		168	CHAR(1)

RTPLANEX	Amount spent for rented private planes not including gas you (or any Members of your CU) bought	169	NUM(8)
	BLS derived		
RTPL_NEX		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 (S18B/C 5b)		
GASOILX_		213	CHAR(1)
TRPTOLLX	How much did you (or any Members of your CU) spend for tolls?	214	NUM(6)
	CAPI Section 18 (S18B/C 5d)		
TRPT_LLX		220	CHAR(1)
PARKINGX	How much did you (or any Members of your CU) spend for parking fees?	221	NUM(8)
	CAPI Section 18 (S18B/C 5f)		
PARK_NGX		229	CHAR(1)
LDGCOSTX	Cost for hotels, motels, cottages, trailer camps, or other lodging, including taxes and tips	230	NUM(8)
	BLS derived		
LDGC_STX		238	CHAR(1)

TRPALCHX	Cost for alcoholic beverages at restaurants, bars, or fast food places, including taxes and tips	239	NUM(6)
	BLS derived		
TRPA_CHX		245	CHAR(1)
TRPALCGX	What was the cost for alcoholic beverages at grocery stores, convenience stores, or liquor stores, including taxes?	246	NUM(8)
	S18B/C 8d		
TRPA_CGX		254	CHAR(1)
TRPSPRTX	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 (S18B/C 12b)		
TRMISCX_		282	CHAR(1)
FOODOUTS	Did the trip expenses include anything for food and beverages for anyone outside your CU? CODED 1 Yes 2 No	283	CHAR(1)
	CAPI Section 18 (S18B/C 13b)		
FOOD_UTS		284	CHAR(1)
LODGOUTS	Did the trip expenses include anything for lodging for anyone outside your CU? CODED 1 Yes 2 No	285	CHAR(1)
	CAPI Section 18 (S18B/C 13b)		

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 (S18B/C 13b)		
TRAN_UTS		288	CHAR(1)
ELSEOUTS	Did the trip expenses include anything for other expenses for anyone outside your CU?	289	CHAR(1)
	CODED		
	1 Yes		
	2 No		
	CAPI Section 18 (S18B/C 13b)		
ELSE_UTS		290	CHAR(1)
TRPGFTCX	How much of the total expenses for this trip were for persons outside your CU?	291	NUM(6)
	CAPI Section 18 (S18B/C 13c)		
TRPG_TCX		297	CHAR(1)
QTRFLAX	Cost of meals, snacks, or drinks at restaurants, bars, or fast food places, excluding alcoholic beverages	298	NUM(8)
	Census derived		
QTRFLAX_		306	CHAR(1)
QTRGLAX	Cost of food or beverages at grocery stores, convenience stores, or liquor stores, excluding alcoholic beverages	307	NUM(8)
	Census derived		
QTRGLAX_		315	CHAR(1)

**nn. SECTION 18 TRIPS AND VACATIONS**

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NUMYUPD	Number of trips ENTIRELY paid for by NON-CU Members  CAPI Section 18 (S18D 1)	21	NUM(2)
NUMYUPD_		23	CHAR(1)
TOTYUPDX	What was the total amount of expenses on this (these trips) that will not be covered by a business, employer, or other non-CU Member?  CAPI Section 18 (S18D 2c)	24	NUM(8)
TOTY_PDX		32	CHAR(1)
TOTYUPDY	Type of expense paid by CU CODED  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	33	CHAR(3)
TOTY_PDY		36	CHAR(1)

oo. **SECTION 18 TRIPS AND VACATIONS**

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
NUMNONCU	Since the 1st of ( <i>month, three months ago</i> ), how many trips have you (has your CU) paid in full or in part for any non-CU Members?	21	NUM(2)
	CAPI Section 18 (S18E 1b)		
NUMN_NCU		23	CHAR(1)
TRNONCUX	What was the total amount that you (your CU) paid for that trip (those trips)?	24	NUM(8)
	BLS derived		
TRNO_CUX		32	CHAR(1)
TRNONCUY	Type of expense paid for non-CU Members CODED 100 Meals at restaurant minus alcohol 110 Alcohol 120 Gasoline and oil 130 Lodging 140 Highway tolls 150 Plane fare 160 Train fare 170 Bus fare 180 Ship fare 190 Taxi fare 200 Miscellaneous expenses 210 Entertainment expenses 220 Sports expenses	33	CHAR(3)
	BLS derived		
TRNO_CUY		36	CHAR(1)

pp. SECTION 18 TRIPS AND VACATIONS

PART F Local Overnight Stays (TRF)

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

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?  CAPI Section 18 (S18F 2)	21	NUM(2)
NUMLOC_		23	CHAR(1)
LOCLODGX	Cost for hotels, motels, cottages, trailer camps, or other lodging, including taxes and tips  BLS derived	24	NUM(8)
LOCL_DGX		32	CHAR(1)
ALCMEALX	Cost for alcoholic beverages at restaurants, bars, or fast food places, including taxes and tips  BLS derived	33	NUM(8)
ALCM_ALX		41	CHAR(1)
ALCGROCX	What was the cost for alcoholic beverages at grocery stores, convenience stores, or liquor stores, including taxes?  CAPI Section 18 (S18F 6d)	42	NUM(8)
ALCG_OCX		50	CHAR(1)
LOCADMSX	Amount paid for entertainment or admissions  BLS derived	51	NUM(8)
LOCA_MSX		59	CHAR(1)
FOODLCDL	Did the package deal include anything for food and beverages? CODED 1 Yes 2 No  CAPI Section 18 (S18F 3b)	60	CHAR(1)
FOOD_CDL		61	CHAR(1)
LODGLCDL	Did the package deal include anything for lodging? CODED 1 Yes 2 No	62	CHAR(1)

	CAPI Section 18 (S18F 3b)		
LOGD_CDL		63	CHAR(1)
ENTRLCDL	Did the package deal include anything for entertainment? CODED 1 Yes 2 No	64	CHAR(1)
	CAPI Section 18 (S18F 3b)		
ENTR_CDL		65	CHAR(1)
ELSELCDL	Did the package deal include anything for anything else? CODED 1 Yes 2 No	66	CHAR(1)
	CAPI Section 18 (S18F 3b)		
ELSE_CDL		67	CHAR(1)
QLCMLAX	Cost of meals, snacks, or drinks at restaurants, bars, or fast food places, excluding alcoholic beverages	68	NUM(8)
	Census derived		
QLCMLAX_		76	CHAR(1)
QLCGLAX	Cost of food or beverages at grocery stores, convenience stores, or liquor stores, excluding alcoholic beverages	77	NUM(8)
	Census derived		
QLCGLAX_		85	CHAR(1)

#### **qq. SECTION 19 MISCELLANEOUS EXPENSES**

##### Part A Miscellaneous Expenses (MIS)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*MISCCODE	Item code CODED 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	21	CHAR(3)

150 Legal fees (excluding real estate closing costs)  
 160 Accounting fees  
 170 Gardening or lawn care services  
 180 Housekeeping services  
 190 Babysitting or other child care in your own home  
 200 Care for invalids, convalescents, handicapped or elderly persons in the home  
 210 Other home services and small repair jobs around the house, not previously reported  
 220 Babysitting or other child care in someone else's home  
 230 Moving, storage and freight express  
 240 Purchases of pets, pet supplies and medicine for pets  
 250 Pet services  
 260 Veterinarian expenses for pets  
 265 Combined pets/pet supplies/medicine for pets, pet services and veterinarian expenses (240, 250, 260)  
 290 TV computer games and computer game software  
 300 Hand held computer games and computer board games  
 330 Toys and games  
 340 Hobbies  
 345 Combined TV computer games/computer game software, hand held computer games/computer board games, toys/games and hobbies (290, 300, 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 **N(Y042)**

	CAPI Section 19 (S 19A col. c)	24	CHAR(1)
MISC_ODE			
MISCMO	In what month did you have this expense? CODED 01-12 January-December 13 Continuous expense	25	CHAR(2)
	CAPI Section 19 (S 19A col. d)		
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 (S 19A col. e)		
MISC_FTC		29	CHAR(1)
MISCEXPX	What was the total amount of the expense?	30	NUM(6)
	CAPI Section 19 (S 19A col. f)		

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)

**rr. SECTION 19 MISCELLANEOUS EXPENSES**

Part B Contributions (CNT)

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

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

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

PART A Food and Beverages (XPA)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
JMKPURQV	Quarterly expenditure at the grocery store or supermarket BLS derived	21	NUM(8)
JMKP_RQV		29	CHAR(1)
JNONFDQV	Quarterly expenditure for nonfood items, such as paper products, detergents, home cleaning supplies, pet foods, and alcoholic beverages at the grocery store or supermarket BLS derived	30	NUM(8)
JNON_DQV		38	CHAR(1)
JOTHSTQV	Quarterly expenditure for food or nonalcoholic beverages from places other than grocery stores, such as home delivery, specialty stores, bakeries, convenience stores, dairy stores, vegetable stands, or farmers' markets BLS derived	39	NUM(8)
JOTH_TQV		47	CHAR(1)
JBRWINQV	Quarterly expenditure for beer and wine to be served at home BLS derived	48	NUM(8)
JBRW_NQV		56	CHAR(1)
JOTHALQV	Quarterly expenditure for other alcoholic beverages to be served at home BLS derived	57	NUM(8)
JOTH_LQV		65	CHAR(1)
JDINEOQV	Quarterly expenditure for dinners, other meals, or snacks in restaurants, cafeterias, cafes, drive-ins, or other such places BLS derived	66	NUM(8)
JDIN_OQV		74	CHAR(1)
JALOUTQV	Quarterly expenditure for any alcoholic beverages in restaurants, taverns, or cocktail lounges BLS derived	75	NUM(8)

JALO_TQV		83	CHAR(1)
*JBRDQV	Quarterly expenditure for board not received in a boarding house  BLS derived <b>D(Y042)</b>	84	NUM(8)
*JBRDQV_	<b>D(Y042)</b>	92	CHAR(1)
JMLPAYQV	Quarterly value of any free meals at work as part of your pay  BLS derived	93	NUM(8)
JMLP_YQV		101	CHAR(1)
JMEALPYA	Annual value of any free meals at work as part of your pay (JMLPAYQV * 4)  BLS derived	102	NUM(8)
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)  BLS derived	111	NUM(8)
JSCH_LQV		119	CHAR(1)
JMKGRCQV	Quarterly expenditure for food and nonalcoholic beverages at the grocery store or supermarket (JMKPURQV - JNONFDQV)  BLS derived	120	NUM(8)
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.)  CODED 1 Yes 2 No	129	CHAR(1)
	CAPI Section 20 (S 20A 7)		
FREE_OOD		130	CHAR(1)

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

**PART\_B Selected Services and Goods (XPB)**

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
OTHLNDRX	What was the cost for coin-operated laundry or dry cleaning machines for items other than clothes?  CAPI Section 20 (S 20B 1d)	27	NUM(5)
OTHL_DRX		32	CHAR(1)
OTHDCLNX	What was the cost for items other than clothes sent to the dry cleaners or laundry?  CAPI Section 20 (S 20B 2d)	33	NUM(4)
OTHD_LNX		37	CHAR(1)
SAFDPSTX	What was the total rental expense for a safe deposit box in a bank or a similar financial institution since the 1st of ( <i>month, 3 months ago</i> )?  CAPI Section 20 (S 20B 5b)	38	NUM(3)
SAFD_STX		41	CHAR(1)
TXLIMX	Since the 1st of ( <i>month, 3 months ago</i> ), what was the total expense for taxis or limousine service for non-business purposes, except those used while on a trip?  CAPI Section 20 (S 20B 7b)	42	NUM(4)
TXLIMX_		46	CHAR(1)
JLDRYNET	Cost for coin-operated laundry or dry cleaning machines for clothing items  BLS derived	61	NUM(8)
JLDR_NET		69	CHAR(1)
JDRYCNET	Cost for services at the dry cleaners or laundry for clothing items  BLS derived	70	NUM(8)
JDRY_NET		78	CHAR(1)
JCIGARQV	Quarterly expenditure for cigarettes	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)
*HAIRX	Quarterly expense for haircuts, styling, and other related services	160	NUM(6)
	CAPI Section 20 (S 20B 4) <b>D(Y042)</b>		
*HAIRX_	<b>D(Y042)</b>	166	CHAR(1)
*SALONX	Total expense for haircuts, styling, Manicures, massages, or other salon services.	167	NUM(8)
	CAPI Section 20 (S 20B 4) <b>N(Y042)</b>		
*SALONX_	<b>N(Y042)</b>	175	CHAR(1)

**uu. SECTION 21 CREDIT LIABILITY**

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
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)  CAPI Section 21 (S21A.1 col. d)	25	NUM(8)
CRED_TX1		33	CHAR(1)

**vv. SECTION 21 CREDIT LIABILITY**

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
CREDITR5	Credit source item code  CODED 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 (S21A.2S col. b)	21	CHAR(3)
CRED_TR5		24	CHAR(1)
CREDITX5	On the 1st of ( <i>the current month</i> ), how much was owed to ( <i>credit</i> )	25	NUM(8)

*source)? (Do not include mortgage, home equity loans, vehicle loans, or business related loans)?*

CAPI Section 21 (S21A.2S col. d)

CRED_TX5		33	CHAR(1)
OWEMONEY	What was the total amount owed on the 1st of ( <i>current month, one year ago</i> )?	34	NUM(8)
	CAPI Section 21 (S21A.2S col. e)		
OWEM_NEY		42	CHAR(1)

#### **ww. SECTION 21 CREDIT LIABILITY**

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

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

<b>VARIABLE</b>	<b>ITEM DESCRIPTION</b>	<b>START POSITION</b>	<b>FORMAT</b>
Finance charges, interest charges, and late fees reported in this section do not apply to mortgages, home equity loans, or vehicle loans.			
INSTALLX	During the past 12 months, how much was paid for finance, interest and late charges to stores for installment credit accounts?	28	NUM(6)
	CAPI Section 21 (S21B.S b)		
INST_LLX		34	CHAR(1)
MEDICALX	During the past 12 months, how much was paid for finance, interest and late charges to doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance?	63	NUM(6)
	CAPI Section 21 (S21B.S g)		
MEDI_ALX		69	CHAR(1)
PDOTHERX	During the past 12 months, how much was paid for finance, interest and late charges to other credit sources?	70	NUM(6)
	CAPI Section 21 (S21B.S h)		
PDOT_ERX		76	CHAR(1)

GASCARDX	Amount of interest charges, finance charges, or late fees paid to gasoline credit cards in the past 12 months.	77	NUM(6)
CAPI Section 21			
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			
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)

## **7. PROCESSING FILES**

### **a. *Istub file***

X:\Programs\Istub2004.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 MTBI or ITBI 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:\INTRVW04\UCCI04.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 MTBI FILE and XIII.B. INCOME AND RELATED UCCS ON ITBI FILE for a list of UCCs and their full titles by file—expenditure (MTBI) or income (ITBI).)

c. **VEHicle file**

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

X:\INTRVW04\VEHI04.TXT  
X:\INTRVW04\CAPIVEHI04.TXT

VEHI04.TXT is formatted as follows

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

CAPIVEHI04.TXT is formatted as follows

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

d. Sample program file

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

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

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

## IV. TOPCODING AND OTHER NONDISCLOSURE REQUIREMENTS

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

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

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

The following FMLI file variables are subject to topcoding.

AGE_REF	Age of reference person
AGE2	Age of spouse
ALIOOTHXM	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
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
FININCXM	Amount received from regular income from dividends, royalties, estates or trusts
INCLOSAM	Amount of net income or loss received from roomers or boarders
INCLOSBM	Amount of net income or loss received from other rental units
INSRFNDX	Amount of refund received from insurance policies
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
MONYOWDX	Amount of money owed to CU by persons outside CU
OCCEXPNX	Amount of occupational expenses
OTHRFNDX	Amount of refund received from other sources
OTHRINCM	Amount received from other money income
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.

Variable	Critical value +	Critical value -	Topcode value +	Topcode value -	Condition
AGE_REF	83	-	87	-	-
ALIOTHXM,	30,000	-	48,906	-	-
ALIOTHX1-5					
BSINVSTX	200,000	-	442,500	-	-
CHDLMPX	8,000	-	13,200	-	-
CHDOOTHXM,	14,700	-	21,808	-	-
CHDOOTHX1-5					
CKBKACTX	34,000	-	122,219	-	-
COMPBNDX	32,000	-8,000	293,333	-10,500	-
COMPCKGX	27,000	-22,000	60,656	-57,688	-
COMPOWDX	65,000	-50,000	126,890	-70,000	-
COMPSAVX	50,000	-60,000	124,981	-140,671	-
COMPSECX	150,000	-150,000	597,125	-478,857	-

<u>Variable</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>	<u>Condition</u>
FEDRFNDX	6,500	-	10,458	-	-
FEDTAXX	30,000	-	88,463	-	-
FININCXM	36,000	-	59885.16	-	-
FININCX1-5					
INCLOSAM, INCLOSA1-5	36,000	-13,000	68,764	-25,827	-
INCLOSBM, INCLOSB1-5	60,000	-21000	73,681	-47,000	-
INSRFNDX	4,200	-	20,828	-	-
INTEARNM, INTEARN1-5	35,000	-	69543.09	-	-
LUMPSUMX	97,000	-	294,438	-	-
MISCTAXX	7,000	-	11,676	-	-
MONYOWDX	100,000	-	191,332	-	-
OTHRFNDX	3,000	-	3,614	-	-
OTHRINCM, OTHRINC1-5	41,000	-	56,163	-	-
PENSIONM, PENSION1-5	62,000	-	72,576	-	-
PTAXRFDX	1,200	-	1,804	-	-
PURSSECX	150,000	-	308,250	-	-
RENTEQVX	3,000	-	4,864	-	OWNYI = '100'
SAVACCTX	120,000	-	291,953	-	-
SECESTX	750,000	-	1,904,339	-	-
SELLSECX	130,000	-	312,714	-	-
SETLINSX	45,000	-	600,000	-	-
SLOCTAXX	5,000	-	14,091	-	-
SLRFUNDX	2,000	-	3,808	-	-
SSOVERPX	2,223	-	3,216	-	-
TAXPROPX	1,200	-	2,302	-	-
USBNDX	35,000	-	155,945	-	-
WDBSASTX	100,000	-	162,500	-	-
WDBSGDSX	12,000	-	21,500	-	-

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

EARNINCX	Amount of CU income from earnings before taxes
FAMTFEDM	Amount of Federal income tax deducted from last pay, annualized for all CU Members
FFRMINCM	Amount of income or loss received from own farm
FGOVRETM	Amount of government retirement deducted from last pay, annualized for all CU Members
FINCATXM	Amount of CU income after taxes
FINCBTXM	Amount of CU income before taxes
FINDRETX	Amount of money placed in individual retirement plan
FJSSDEDM	Estimated amount of annual Social Security contribution
FNONFRMM	Amount of income or loss received from nonfarm business
FPRIPENM	Amount of private pension fund deducted from last pay, annualized for all CU Members

FRRDEDM	Amount of Railroad Retirement deducted from last pay, annualized for all CU Members
FSALARYM	Amount received from wage and salary income before deductions
FSLTAXXM	Amount of state and local income taxes deducted from last pay, annualized for all CU Members
NO_EARNX	Amount of income from sources other than earnings before taxes
NONINCMX	Amount of other money receipts excluded from family income
TOTTXPDM	Amount of personal taxes paid

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 MEMI file. FARMINCM is subject to topcoding beyond the critical value of \$150,000 (-\$9,999). The topcode value for FARMINCM is \$210,395 (-\$21,462). (See Section IV.B. MEMBER CHARACTERISTICS AND INCOME FILE (MEMI)).

<u>CU</u>	FARMINCM		FFRMINCM		<u>FLAGGED AS TOPCODED?</u>
	<u>REPORTED</u>	<u>AFTER TOPCODING</u>	<u>VALUE</u>		
CU 1:	MEMI1	\$85,000	\$85,000	170,000	No
	MEMI2	85,000	85,000		
CU 2:	MEMI1	160,000	210,395	220,395	Yes
	MEMI2	10,000	10,000		
CU 3	MEMI1	445,000	210,395	270,395	Yes
	MEMI2	50,000	50,000		
CU 4	MEMI1	85,000	85,000	-21,466	Yes
	MEMI2	-55,000	-21,466		

While CUs 1 and 2 each originally report \$170,000 in FARMINCM, topcoding is done only on the value reported by MEMI1 of CU2. Thus, the value for FFRMINCM for CU2 is higher than for CU1 and is flagged as topcoded while CU1 is not. By using the mean of the subset of observations that are above (below) the critical value as the topcode amount, values on the public use data can be either below or above the actual reported value. Note that while CU3 has a topcoded value below the reported value, CU2's topcoded FFRMINCM value (\$220,395) is higher than the amount that it reported (\$170,000). 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 MEMI2. The reverse can also occur.

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

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

01	Alabama	*28	Mississippi
02	Alaska	**29	Missouri
RR04	Arizona	31	Nebraska
*05	Arkansas	R32	Nevada
**06	California	R33	New Hampshire
08	Colorado	34	New Jersey
09	Connecticut	*35	New Mexico
10	Delaware	RR**36	New York
R11	District of Columbia	**37	North Carolina
**12	Florida	RR39	Ohio
**13	Georgia	**40	Oklahoma
15	Hawaii	**41	Oregon
16	Idaho	42	Pennsylvania
**17	Illinois	45	South Carolina
RR**18	Indiana	*46	South Dakota
*19	Iowa	**47	Tennessee
**20	Kansas	48	Texas
21	Kentucky	49	Utah
22	Louisiana	50	Vermont
R*23	Maine	**51	Virginia
24	Maryland	**53	Washington
25	Massachusetts	R54	West Virginia
**26	Michigan	55	Wisconsin
**27	Minnesota		

- \* indicates that the STATE code has been suppressed for all sampled CUs in that state (STATE\_ = 'T' for all observations).
- \*\* indicates that the STATE code has been suppressed for some sampled CUs in that state (STATE\_ = 'T' for some observations).
- R indicates that either all observations from this state have been re-coded or all 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 (MEMI)

The following MEMI file variables are subject to topcoding.

AGE	Age of Member
AMTFED	Amount of Federal income tax deducted from last pay
ANFEDTXM	Annual amount of Federal income tax deducted from pay
ANGOVRTM	Annual amount of government retirement deducted from pay
ANPRVPNM	Annual amount of private pension fund deducted from pay
ANRRDEDM	Annual amount of Railroad Retirement deducted from pay
ANSLTXM	Annual amount of state and local income taxes deducted from pay
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
JSSDEDXM	Estimated annual Social Security contribution
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
SALARYXM	Amount received from wage and salary income before deductions
SLFEMPSM	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	-	2,699	-
ANFEDTXM, ANFEDTX1-5	21,393	-	37,445	-
ANGOVRTM, ANGOVRT1-5	7,279	-	8,880	-
ANPRVPNM, ANPRVPN1-5	15,000	-	21,467	-
ANRRDEDM, ANRRDED1-5	7,700	-	8,007	-
ANSLTXM, ANSLTX1-5	7,196	-	12,329	-
FARMINCM, FARMINC1-5	150,000	-9,999	210,395	-21,462
GOVRETX	538	-	1,375	-
GROSPAYX	5,490	-	11,722	-
INDRETX	18,000	-	38,928	-
JSSDEDXM, JSSDEDX1-5	7,407	-	8,149.89	-
NONFARMM, NONFARM1-5	150,000	-9,999	132,969	-16,045
PRIVPENX	1,000	-	2,673	-
RRRDEDX	350	-	392	-
SALARYXM, SALARYX1-5	150,000	-	212,176	-
SLFEMPSM, SLFEMPS1-5	13,800	-	9,717.28	-
SLTAXX	360	-	638	-

#### Special suppression for MEMI file variables

The five MEMI file variables--AMTFED, GOVRETX, PRIVPENX, RRRDEDX, and SLTAXX--describe deductions from the most recent pay. These variables are used in conjunction with GROSPAYX (amount of last gross pay) and 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 ANPRVPNM, GROSPAYX, and PRIVPENX are not, then the values for ANPRVPNM, 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'.

## C. MONTHLY EXPENDITURE FILE (MTBI)

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

<b>UCC</b>	<b>Description</b>
210110	Rent of dwelling
210210	Lodging away from home
210310	Housing for someone at school
210901	Ground rent, owned home
210902	Ground rent, owned vacation home
550320	Medical equipment for general use
550330	Supportive or convalescent medical equipment
560110	Physicians' services
560210	Dental services
560310	Eye care services
560330	Lab tests and x-rays
560400	Services by professionals other than physicians
570110	Hospital room
570210	Hospital service other than room
570220	Nursing or convalescent home care
570230	Other medical care service
570240	Medical care in retirement community

<u><b>UCC</b></u>	<u><b>Description</b></u>
570901	Rental of medical equipment
570903	Rental of supportive, convalescent equipment
600132	Purchase of boat with motor
600138	Trade-in allowance for boats with motors
790710	Purchase other property excluding commons
790810	Sale price of other property
790910	Special or lump mortgage payment, other property
790920	Reduction of mortgage principal, other property
790930	Original mortgage amount, other property
790940	Reduction of mortgage principal, home equity loan, other property
790950	Original loan amount, home equity loan, other property
800721	Market value of owned home
810101	Purchase excluding commons, owned home
810102	Purchase price excluding commons, owned vacation home
820101	Selling price, owned home
820102	Selling price, owned vacation home
830101	Special or lump mortgage payment, owned home
830102	Special or lump mortgage payment, owned vacation home
830201	Reduction mortgage principal, owned home
830202	Reduction mortgage principal, owned vacation home
830203	Reduction mortgage principal, home equity loan, owned home
830204	Reduction mortgage principal, home equity loan, owned vacation home
830301	Original mortgage amount, owned home
830302	Original mortgage amount, owned vacation home
830303	Original loan amount, home equity loan, owned home
830304	Original loan amount, home equity loan, owned vacation home
860600	Amount boat with motor sold or reimbursed
870701	Boat with motor, purchase not financed
880120	Reduction of principal, line of credit, owned home
880220	Reduction of principal, line of credit, other property
880320	Reduction of principal, line of credit, owned vacation home
900002	Occupational expenses
910050	Rental equivalence of owned home
910100	Rental equivalence of vacation home

If the value of COST is greater (less) than the designated critical values for the above UCCs, COST is set to the topcode value and the associated flag variable, COST<sub>\_</sub>, 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><b>UCC</b></u>	<u><b>Critical value +</b></u>	<u><b>Critical value -</b></u>	<u><b>Topcode value +</b></u>	<u><b>Topcode value -</b></u>	<u><b>Mapped from</b></u>	<u><b>Condition</b></u>
210110	1,450	-	1,998	-	QRT3MCMX	NA
210210	1,500	-	2,599	-	LDGCOSTX	NA
210210	704	-	1,140	-	TOTYUPDX	TOTYUPDY = '130'
210210	991	-	1,545	-	TRNONCUX	TRNONCUY = '130'
210310	3,462	-	4,605	-	JEDUCNET	EDUC_AY = '310'
210901	533	-	991	-	QLR3MCMX	OWNYI = '100' OR OWNYI = '200'
210902	1033	-	2230	-	QLR3MCMX	OWNYI = '300'
550320	476	-	1583	-	MEDPMTX	MEDPCARY = '660'
550320	-	-299	-	-784	MEDRMBX	MEDRCARY = '660'
550330	550	-	1,385	-	MEDPMTX	MEDPCARY = '640'
550330	-	-104	-	-118	MEDRMBX	MEDRCARY = '640'
560110	358	-	890	-	MEDPMTX	MEDPCARY = '420'
560110	-	-775	-	-1,518	MEDRMBX	MEDRCARY = '420'

<u><b>UCC</b></u>	<u><b>Critical value +</b></u>	<u><b>Critical value -</b></u>	<u><b>Topcode value +</b></u>	<u><b>Topcode value -</b></u>	<u><b>Mapped from</b></u>	<u><b>Condition</b></u>
560210	1,490	-	2,755	-	MEDPMTX	MEDPCARY = '200'
560210	-	-1,000	-	-1,660	MEDRMBX	MEDRCARY = '200'
560310	350	-	1,331	-	MEDPMTX	MEDPCARY = '110'
560310	-	-367	-	-788	MEDRMBX	MEDRCARY = '110'
560330	491	-	1,112	-	MEDPMTX	MEDPCARY = '510'
560330	-	-520	-	-1,515	MEDRMBX	MEDRCARY = '510'
560400	500	-	1,093	-	MEDPMTX	MEDPCARY = '410'
560400	-	-1,080	-	-2,626	MEDRMBX	MEDRCARY = '410'
570110	2,178	-	5,973	-	MEDPMTX	MEDPCARY = '310'
570110	-	-1,000	-	-7,933	MEDRMBX	MEDRCARY = '310'
570210	2,000	-	5,681	-	MEDPMTX	MEDPCARY = '320'
570210	-	-3000	-	-7,073	MEDRMBX	MEDRCARY = '320'
570220	5,622	-	14,781	-	MEDPMTX	MEDPCARY = '520'
570220	-	-	-	-	MEDRMBX	MEDPCARY = '520'
570230	1,000	-	2,416	-	MEDPMTX	MEDPCARY = '530'
570230	-	-2,496	-	-3,759	MEDRMBX	MEDRCARY = '530'
570901	337	-	1,095	-	MEDPMTX	MEDPCARY = '650'
570901	-	-35	-	-37	MEDRMBX	MEDPCARY = '650'
570903	521	-	1,251	-	MEDPMTX	MEDPCARY = '630'
790710	414,000	-	641,666	-	OWN_PURX	OWNYB = '400' OR OWNYB = '500'
790810	-	-233,000	-	-426,500	DISPX	OWNYD = '400' OR OWNYD = '500'
790910	-	-3,150	-	-7,000	QLMPSUMX	OWNYI = '400' OR OWNYI = '500'
790930	242,000		358,779		ORGMRXTX	OWNYF='400' OR OWNYF='500'
790950	10,284		24,617		ORGMRXTX	OWNYF='400' OR OWNYF='500'
800721	54,166	-	92,366	-	PROPVALX	OWNYB = '100' OR OWNYB = '200'
810101	525,000	-	835,912	-	OWN_PURX	OWNYB = '100' OR OWNYB = '200'
810102	384,000	-	998,333	-	OWN_PURX	OWNYB = '300'
820101	-	-442,500	-	-502,500	DISPX	OWNYD = '100' OR OWNYD = '200'
820102	-	-350,000	-	-477,500	DISPX	OWNYD = '300'
830101	-	-6,000	-	-49,803	QLMPSUMX	OWNYI = '100' OR OWNYI = '200'
830102	-	-9,000	-	-15,500	QLMPSUMX	OWNYI = '300'
830201		-908		-1500.5	QPRINM1X	OWNYF = '100' OR OWNYF = '200'
830201		-917		-2005.1	QPRINM2X	OWNYF = '100' OR OWNYF = '200'
830201		-918		-1596.7	QPRINM3X	OWNYF = '100' OR OWNYF = '200'
830301	440,000		764,913		ORGMRXTX	OWNYF = '100' OR OWNYF = '200'
830302	182400		256,502		ORGMRXTX	OWNYF = '300'
830303	170,000		247,255		ORGMRXTX	OWNYF = '100' OR OWNYF = '200'
860600	-	-7,200	-	-14,200	SALEX	VEHICYC = '160'
880120	-	-4,793	-	-11,500	JLCPRINX	OWNYH = '100' OR OWNYH = '200'
880220	-	-1,007	-	-6,948	JLCPRINX	OWNYH = '400' OR OWNYH = '500'
880320	-	-325	-	-12,128	JLCPRINX	OWNYH = '300'
910100	416	-	740	-	RNTEQVX	OWNYI = '300'

## D. INCOME FILE (ITBI)

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

<u><b>UCC</b></u>	<u><b>Description</b></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
950000	Amount of Federal income tax paid
950001	Amount of refund received from Federal income tax
950010	Amount of state and local income taxes paid
950011	Amount of refund received from state and local taxes
950021	Amount of other taxes paid
950022	Amount of personal property taxes paid
950023	Amount of refund received from other sources
980000	Amount of CU income before taxes
980020	Age of reference person
980070	Amount of CU income after taxes

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

<u><b>UCC</b></u>	<u><b>Critical value +</b></u>	<u><b>Critical value -</b></u>	<u><b>Topcode value +</b></u>	<u><b>Topcode value -</b></u>
001000	12,500	-	25,687	-

<u>UCC</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>
001010	-	-10,833	-	-24,156
001210	16,666	-	36,875	-
002010	4,166	-5,000	10,415	-11,722
002020	2,250	-1,833	5,054	-4,642
002030	2,666	-666	24,444	-875
003000	5,416	-4,166	10,574	-9,416
003100	-	-3,750	-	-5,000
900040	5,166	-	6,048	-
900050	3,000	-	4990.43	-
900060	3,000	-1,083	5,730	-1,617
900070	5,000	-1,750	6,140	-3,916
900080	2,916	-	5795.26	-
900131	1,225	-	1,817	-
900132	2,500	-	4,075	-
900140	3,416	-	4,680	-
910000	8,283	-	23,969	-
910010	416	-	2,364	-
910020	185	-	268	-
910030	350	-	1,735	-
910040	100	-	150	-
910041	666	-	1,100	-
920010	10,000	-	24,329	-
920020	2,833	-	10,000	-
920030	2,916	-	12,995	-
920040	62,500	-	158,694	-
950001	-	-541	-	-871
950011	-	-166	-	-317
950021	583	-	934	-
950022	100	-	191	-
950023	-	-250	-	-301
980020	7	-	7	-

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

<u>UCC</u>	<u>FMLI variable</u>	<u>Description</u>
800910	FGOVRETM	Amount of government retirement deducted from last pay, annualized for all CU Members
800920	FRRDEDM	Amount of Railroad Retirement deducted from last pay, annualized for all CU Members
800931	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	FJSSDEDM	Estimated amount of annual Social Security contribution
900000	FSALARYM	Amount received from wage and salary income before deductions
900010	FNONFRMM	Amount of income or loss received from own nonfarm business
900020	FFRMINCM	Amount of income or loss received from own farm
980000	FINCBTXM	Amount of CU income before taxes
980070	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	PROPVALX	About how much do you think this property would sell for on today's market?	
		OWN_PURX	What was the total price paid for the property, not including closing costs?	
3. D.	OPD	DISPX	What was the selling price (trade-in value)?	
3. F.	MOR	ORGMRDX	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	ORGMRDG	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?	
		PAYOUTX	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	
		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	

<u>Survey (CAPI) Section</u>	<u>File name</u>	<u>Variable</u>	<u>Description</u>
		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.

<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>
2. A&B.	RNT	QRT3MCMX	4,350	-	5,994	-	-
3. B.	OPB	PROPVALX	650,000	-	1,108,394	-	OWNYB = '100' or OWNYB = '200'
		PROPVALX	890,000	-	1,193,617	-	OWNYB = '300'
		PROPVALX	500,000	-	1,027,850	-	OWNYB = '400' or OWNYB = '500'
		OWN_PURX	535,000	-	827,264	-	OWNYB = '100' or OWNYB = '200'
		OWN_PURX	560,000	-	1,193,750	-	OWNYB = '300'
		OWN_PURX	318,000	-	524,002	-	OWNYB = '400' or OWNYB = '500'
3. D.	OPD	DISPX	442,500	-	502,500	-	OWNYD = '100' or OWNYD = '200'
		DISPX	350,000	-	477,500	-	OWNYD = '300'
		DISPX	233,000	-	426,500	-	OWNYD = '400' or OWNYD = '500'
3. F.	MOR	ORGMRDX	350,000	-	543,335	-	OWNYF = '100' or OWNYF = '200'
		ORGMRDX	309,600	-	464,388	-	OWNYF = '300'
		ORGMRDX	300,000	-	356,885	-	OWNYF = '400' or OWNYF = '500'
		MRTPMTX	2,780	-	5,144	-	-
		QLBNCM1X	335,000	-	517,875	-	('100' ≤ OWNYF ≤ '500')
		QLBNCM2X	338,592	-	524649	-	('100' ≤ OWNYF ≤ '500')
		QLBNCM3X	344,267	-	526931	-	('100' ≤ OWNYF ≤ '500')
		QPRINM1X	908	-	1500.54	-	OWNYF = '100' or OWNYF = '200'
		QPRINM1X	1,252	-	1965.07	-	OWNYF = '300'
		QPRINM1X	818	-	1555.95	-	OWNYF = '400' or OWNYF = '500'
		QPRINM2X	917	-	1,993	-	OWNYF = '100' or OWNYF = '200'
		QPRINM2X	1,258	-	2,866	-	OWNYF = '300'
		QPRINM2X	821	-	2,470	-	OWNYF = '400' or OWNYF = '500'
		QPRINM3X	918	-	1,562	-	OWNYF = '100' or OWNYF = '200'
		QPRINM3X	1,305	-	3,108	-	OWNYF = '300'
		QPRINM3X	824	-	2,597	-	OWNYF = '400' or OWNYF = '500'
3. G.	HEL	ORGMRDG	128,514	-	186,356	-	OWNYG = '100' or OWNYG = '200'
		ORGMRDG	-	-	-	-	OWNYG = '300'
		ORGMRDG	66,553	-	117,161	-	OWNYG = '400' or OWNYG = '500'
		MRTPMTG	1,700	-	2,781	-	-
		QLBNCM1G	123,560	-	171,250	-	'100' ≤ OWNYG ≤ '500'
		QLBNCM2G	122,471	-	170,567	-	'100' ≤ OWNYG ≤ '500'

<u>Survey Section</u>	<u>File name</u>	<u>Variable</u>	<u>Critical value +</u>	<u>Critical value -</u>	<u>Topcode value +</u>	<u>Topcode value -</u>	<u>Condition</u>
3. H.	OPH	QBLNCM3G	121,377	-	175,317	-	'100' ≤ OWNYG ≤ '500'
		QPRINM1G	985	-	1,557	-	OWNYG = '100' or OWNYG = '200'
		QPRINM1G	210	-	267	-	OWNYG = '300'
		QPRINM1G	562	-	622	-	OWNYG = '400' or OWNYG = '500'
		QPRINM2G	945	-	1,440	-	OWNYG = '100' or OWNYG = '200'
		QPRINM2G	211	-	268	-	OWNYG = '300'
		QPRINM2G	565	-	625	-	OWNYG = '400' or OWNYG = '500'
		QPRINM3G	983	-	1,533	-	OWNYG = '100' or OWNYG = '200'
		QPRINM3G	212	-	270	-	OWNYG = '300'
		QPRINM3G	569	-	628	-	OWNYG = '400' or OWNYG = '500'
3. I.	OPI	JLCPRINX	14,381	-	34,500	-	OWNYH = '100' or OWNYH = '200'
		JLCPRINX		-1,341		-2661	OWNYH = '100' or OWNYH = '200'
		JLCPRINX	977	-	36,384	-	OWNYH = '300'
		JLCPRINX	3,022	-	29,756	-	OWNYH = '400' or OWNYH = '500'
		JLCPRINX		-225		-380	OWNYH = '400' or OWNYH = '500'
11. B. 11. C. 15. B.	OVB	JFEETOTX	-	-	-	-	('100' ≤ OWNYI ≤ '30') AND REGFEECR = '01000'
		QLR3MCMX	1,600	-	2,212	-	OWNYI = '100' or OWNYI = '200'
		QLR3MCMX	3,100	-	3,775	-	OWNYI = '300'
		QLMPSUMX	6,000	-	49,803	-	OWNYI = '100' or OWNYI = '200'
		QLMPSUMX	9,000	-	15,500	-	OWNYI = '300'
		QLMPSUMX	3,150	-	7,000	-	OWNYI = '400' or OWNYI = '500'
		RNTEQVX	3,000	-	4,643	-	OWNYI = '100' or OWNYI = '200'
		RNTEQVX	5,000	-	8,888	-	OWNYI = '300'
		NETPURX	145,000	-	245,666	-	VEHICYB = '160'
		SALEX	7,200	-	14,200	-	VEHICYC = '160'
15. D.	MDB	MEDPMTX	350	-	1,331	-	MEDPCARY = '110'
		MEDPMTX	1,490	-	2,755	-	MEDPCARY = '200'
		MEDPMTX	2,178	-	5,973	-	MEDPCARY = '310'
		MEDPMTX	2,000	-	5,681	-	MEDPCARY = '320'
		MEDPMTX	500	-	1,093	-	MEDPCARY = '410'
		MEDPMTX	358	-	890	-	MEDPCARY = '420'
		MEDPMTX	491	-	1,112	-	MEDPCARY = '510'
		MEDPMTX	5,622	-	14,781	-	MEDPCARY = '520'
		MEDPMTX	1000	-	2,416	-	MEDPCARY = '530'
		MEDPMTX	521	-	1,251	-	MEDPCARY = '630'
		MEDPMTX	550	-	1,385	-	MEDPCARY = '640'
		MEDPMTX	337	-	1,046	-	MEDPCARY = '650'
		MEDPMTX	476	-	1,583	-	MEDPCARY = '660'
		MEDRMBX	367	-	788	-	MEDRCARY = '110'
16. 18. B&C. 18. D.	MDC	MEDRMBX	1,000	-	1,660	-	MEDRCARY = '200'
		MEDRMBX	1,000	-	7,933	-	MEDRCARY = '310'
		MEDRMBX	3,000	-	7,073	-	MEDRCARY = '320'
		MEDRMBX	1,080	-	2,626	-	MEDRCARY = '410'
		MEDRMBX	775	-	1,518	-	MEDRCARY = '420'
		MEDRMBX	520	-	1,515	-	MEDRCARY = '510'
		MEDRMBX	-	-	-	-	MEDRCARY = '520'
		MEDRMBX	2,496	-	3,759	-	MEDRCARY = '530'
		MEDRMBX	104	-	118	-	MEDRCARY = '640'
		MEDRMBX	35	-	37	-	MEDRCARY = '650'
		MEDRMBX	299	-	784	-	MEDRCARY = '660'
		JEDUCNET	3,462	-	4,540	-	EDUC_AY = '310'
18. B&C. 18. D.	TRV	LDGCOSTX	1,500	-	2,599	-	-
		TOTYUPDX	704	-	1,140	-	TOTYUPDY = '130'

<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>
18. E.	TRE	TRNONCUX	991	-	1,545	-	TRNONCUY = '130'
19. A	MIS	MISCEXPX	441	-	1,068	-	MISCCODE = '380' and MISCMO = '13'
19. A	MIS	MISCEXPX	600	-	1,342	-	MISCCODE = '380' and MISCMO NE '13'

## 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 2004, they are reporting expenditures for November and December of 2003, and January of 2004. This is illustrated in the rotation chart below. The period between November 1 and January 31 is referred to as the reference period for the interview.

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

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

The microdata files are organized and identified by collection period, i.e., the month of the interview. Thus, the MTBI file for the second quarter of 2004 contains expenditure data collected in interviews that took place in April, May, and June of 2004. Referring to the rotation chart, one can see that this MTBI file contains expenditures made between January 2004 and May 2004. Similarly, the MTBI file for the third quarter of 2004 (interviews conducted between July and September) contains expenditures made between April and August 2004. To obtain all expenditures made in January 2004, one should access the MTBI files for both the first and second quarters of 2004. The MTBI file for the first quarter of 2004 would contain January expenditures made by CUs interviewed in February and March 2004, while the MTBI file for the second quarter of 2004 would contain January expenditures made by CUs interviewed in April 2004.

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 2004 based on collection period, that is, from all interviews conducted in 2003, data users need data only from Q041 through Q044 files. However, to produce a 2004 annual estimate based on expenditures made in 2004 (calendar period), one needs to access five collection-quarter files, the first quarter of 2004 through the first quarter of 2005. (The estimates published by BLS are based on calendar periods that require the subsequent year's first quarter data).

The ITBI files are derived in a slightly different manner than MTBI. As was mentioned in the description of the ITBI file, the data on the file represents the conversion of annual and point-of-interview data into a monthly format compatible with MTBI. Looking at a CU interviewed in January 2004, as an example, nonfarm business income earned over the previous 12 months would be collected and recorded as such on the FMLI file. For the ITBI file, this annual amount would be divided by 12, and separate records would be created for October, November, and December each containing that amount.

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

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

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

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

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

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

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

#### c. TIME PERIOD DIFFERENCES

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

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

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

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

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

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

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 FMLI record for each sample CU, the national sample for the first quarter of 2004 is 7,978 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 2004. 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 2004). 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 2004 estimate would be based on data from interviews over five quarters. MO\_SCOPE would take on the following values:

Interview Month and Year									
2004									
<b>MO_SCOPE</b>	<u>Jan</u> 0	<u>Feb</u> 1	<u>Mar</u> 2	<u>Apr</u> 3	<u>May</u> 3	<u>Jun</u> 3	<u>Jul</u> 3	<u>Aug</u> 3	<u>Sep</u> 3
			2004		2005				
<b>MO_SCOPE</b>	<u>Oct</u> 3	<u>Nov</u> 3	<u>Dec</u> 3	<u>Jan</u> 3	<u>Feb</u> 2	<u>Mar</u> 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 2004, 2/3 the independent sample for the first quarter of 2005, and one independent sample for the second, third, and fourth quarters of 2004. Summed over the five quarters, this represents 4 independent samples, so the result should be divided by 4 to get the correct sample size of one average independent sample. Thus, the general rule in computing sample size for deriving an annual calendar period estimate is to sum MO\_SCOPE over the five quarters and divide by 12.

#### (ii) MEANS OF THOSE REPORTING

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

### **3. ESTIMATION OF WEIGHTED STATISTICS**

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

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

## B. DESCRIPTION OF FORMULAS

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

### Definition of Terms:

Let

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

Then

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

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

## 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

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

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

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

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.

### **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

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

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

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

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 FMLI files. Following the earlier notation in Section V.B., we have.

$_{AK} X_{(S,x)(q,m),a}$  = a collection period estimate of aggregate expenditures by 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:

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

## **2. STANDARD ERROR OF THE MEAN**

The standard error of the mean,  $S.E.(\bar{X})$ , is used to obtain confidence intervals that evaluate how close the estimate may be to the true population mean.  $S.E.(\bar{X})$  is defined as the square root of the variance of the mean. For example, the weighted calendar period estimated mean expenditure for total food by complete income reporters in 2004 is \$5,566.84. The standard error for this estimate is \$34.44. 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 \$5,499.34 to \$5,634.34. We could conclude with 95 percent confidence that the true population mean expenditure for food for total complete income reporters in 2004 lies within the interval \$5,499.34 to \$5,634.34.

## **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 2004 mean expenditure estimate for apparel and services for CUs in the \$30,000 to \$39,999 income range is \$846.63 and the estimate for CUs in the \$40,000 to \$49,999 income range is \$990.29. The apparent difference between the two mean expenditures is \$143.66. The standard error on the estimate of \$846.63 is \$24.49 and the estimated standard error for \$990.29 is \$28.66.

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

$$\sqrt{(24.49)^2 + (28.66)^2} = 37.69 \quad (2)$$

This means that the 95 percent confidence interval around the difference is from \$69.77 to \$217.54. 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 \$40,000 to \$49,999 income range is different than the mean apparel and services expenditures for CUs in the \$30,000 to \$39,999 income range.

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

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

where

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

and where r is the correlation coefficient between  $_w \bar{X}_1$  and  $_w \bar{X}_2$ . 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 FMLI files, while the second section extracts the expenditure and income data from the MTBI, ITBI and ITBI\_IMPUTEDD 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

```

1  ****
2  /* PROGRAM NAME: CEX INTERVIEW SURVEY SAMPLE PROGRAM (SAS) */
3  /* LOCATION: D:\PROGRAMS */
4  /* FUNCTION: CREATE AN INTERVIEW SURVEY EXPENDITURE TABLE BY INCOME CLASS */
5  /* USING MICRODATA FROM THE BUREAU OF LABOR STATISTIC'S CONSUMER */
6  /* EXPENDITURE SURVEY. */
7  /*
8  /* WRITTEN BY: ERIC KEIL
9  /* MODIFICATIONS:
10 /* DATE-    MODIFIED BY-    REASON-
11 /* -----  -----  -----
12 /* 03/21/02  ERIC KEIL  IMPROVE EFFICIENCY
13 /* 10/22/03  ERIC KEIL  UPDATE FOR 2002 DATA
14 /* 11/20/03  ERIC KEIL  INCLUDE ROUTINE TO AGGREGATE EASIER
15 /*
16 /* FOR SAS VERSION 8 OR HIGHER
17 /*
18 ****

19
20
21 %LET YEAR = 2004;
22 %LET DRIVE = D;
23
24
25 ****
26 /* STEP1: READ IN THE STUB PARAMETER FILE AND CREATE FORMATS */
27 /*
28 /* 1 CONVERTS THE STUB PARAMETER FILE INTO A LABEL FILE FOR OUTPUT
29 /* 2 CONVERTS THE STUB PARAMETER FILE INTO AN EXPENDITURE AGGREGATION FILE
30 /* 3 CREATES FORMATS FOR USE IN OTHER PROCEDURES
31 ****

32
33
34 %LET YR1 = %SUBSTR(&YEAR,3,2);
35 %LET YR2 = %SUBSTR(%EVAL(&YEAR+1),3,2);
36
37 LIBNAME I&YR1 "&DRIVE.:\\INTRVW&YR1";
NOTE: Libref I04 was successfully assigned as follows:
      Engine:          V8
      Physical Name:  D:\\INTRVW04
38
39
40 DATA STUBFILE (KEEP= COUNT TYPE LEVEL TITLE UCC SURVEY GROUP LINE);
41   INFILE "&DRIVE.:\\PROGRAMS\\ISTUB&YEAR..TXT"
42   PAD MISSOVER;
43   INPUT @1 TYPE $1. @4 LEVEL $1. @7 TITLE $60. @70 UCC $6.
44         @80 SURVEY $1. @86 GROUP $7.;
45   IF (TYPE = '1');
46   IF GROUP IN ('CUCHARS' 'FOOD' 'EXPEND' 'INCOME');
47   IF SURVEY = 'T' THEN DELETE;
48
49   RETAIN COUNT 9999;
50   COUNT + 1;
51   LINE = PUT(COUNT, $5.)||LEVEL ;
WARNING: Variable COUNT has already been defined as numeric.
52   /* READS IN THE STUB PARAMETER FILE AND CREATES LINE NUMBERS FOR UCCS */
53   /* A UNIQUE LINE NUMBER IS ASSIGNED TO EACH EXPENDITURE LINE ITEM */

54 RUN;

NOTE: The infile "D:\\PROGRAMS\\ISTUB2004.TXT" is:
      File Name=D:\\PROGRAMS\\ISTUB2004.TXT,
      RECFM=V,LRECL=256

NOTE: 1231 records were read from the infile "D:\\PROGRAMS\\ISTUB2004.TXT".

```

Sets the calendar year and drive used as macro variables that can be used throughout the program.

Reads in the aggregation stub file and dynamically creates numbers associated with each expenditure line item.

Note: This aggregation file can be modified to accommodate any customized aggregation scheme.

One needs only to make sure that the column start positions in the file match the start positions in the input statement.

```

The minimum record length was 105.
The maximum record length was 132.
NOTE: The data set WORK.STUBFILE has 695 observations and 8 variables.
NOTE: DATA statement used:
      real time          4.56 seconds
      cpu time          0.00 seconds

55
56
57 DATA AGGFMT1 (KEEP= UCC LINE LINE1-LINE10);
58   SET STUBFILE;
59   LENGTH LINE1-LINE10 $6.;
60   ARRAY LINES(9) LINE1-LINE9;
61   IF (UCC > 'A') THEN
62     LINES(SUBSTR(LINE,6,1)) = LINE;
63   RETAIN LINE1-LINE9;
64   IF (UCC < 'A') THEN
65     LINE10 = LINE;
66   IF (LINE10);
67   /* MAPS LINE NUMBERS TO UCCS */
68 RUN;

NOTE: Character values have been converted to numeric values at the places given by:
(Line): (Column).
62:15 66:7
NOTE: There were 695 observations read from the data set WORK.STUBFILE.
NOTE: The data set WORK.AGGFMT1 has 563 observations and 12 variables.
NOTE: DATA statement used:
      real time          0.15 seconds
      cpu time          0.00 seconds

69
70
71 PROC SORT DATA= AGGFMT1 (RENAME=(LINE= COMPARE));
72   BY UCC;
73 RUN;

NOTE: There were 563 observations read from the data set WORK.AGGFMT1.
NOTE: The data set WORK.AGGFMT1 has 563 observations and 12 variables.
NOTE: PROCEDURE SORT used:
      real time          0.48 seconds
      cpu time          0.00 seconds

74
75
76 PROC TRANSPOSE DATA= AGGFMT1 OUT= AGGFMT2 (RENAME=(COL1= LINE));
77   BY UCC COMPARE;
78   VAR LINE1-LINE10;
79 RUN;

NOTE: There were 563 observations read from the data set WORK.AGGFMT1.
NOTE: The data set WORK.AGGFMT2 has 5630 observations and 4 variables.
NOTE: PROCEDURE TRANSPOSE used:
      real time          0.17 seconds
      cpu time          0.01 seconds

80
81
82 DATA AGGFMT (KEEP= UCC LINE);
83   SET AGGFMT2;
84   IF LINE;
85   IF SUBSTR(COMPARE,6,1) > SUBSTR(LINE,6,1) OR COMPARE=LINE;
86   /* AGGREGATION FILE. EXTRANEOUS MAPPINGS ARE DELETED */ 
87   /* PROC SQL WILL AGGANGE LINE#/UCC PAIRS FOR USE IN PROC FORMAT */
88 RUN;

NOTE: Character values have been converted to numeric values at the places given by:

```

Subsequent program steps manipulate the aggregation stub file into a dataset that associates UCCs with line numbers.

```

(Line) : (Column).
84:8
NOTE: There were 5630 observations read from the data set WORK.AGGFMT2.
NOTE: The data set WORK.AGGFMT has 2759 observations and 2 variables.
NOTE: DATA statement used:
      real time          0.01 seconds
      cpu time          0.01 seconds

89
90
91 PROC SQL NOPRINT;
92   SELECT UCC, LINE, COUNT(*)
93   INTO :UCCS SEPARATED BY " ",
94        :LINES SEPARATED BY " ",
95        :CNT
96   FROM AGGFMT;
NOTE: The query requires remerging summary statistics back with the original data.
97 QUIT;
NOTE: PROCEDURE SQL used:
      real time          0.76 seconds
      cpu time          0.04 seconds

98 RUN;
99
100
101 %MACRO MAPPING;
102   %DO I = 1 %TO &CNT;
103     "%SCAN(&UCCS,&I,%STR( ))" = "%SCAN(&LINES,&I,%STR( ))"
104   %END;
105 %MEND MAPPING;
106
107
108 DATA LBLFMT (RENAME=(LINE= START TITLE= LABEL));
109   SET STUBFILE (KEEP= LINE TITLE);
110   RETAIN FMTNAME 'LBLFMT' TYPE 'C';
111 /* LABEL FILE. LINE NUMBERS ARE ASSIGNED A TEXT LABEL */
112 /* DATASET CONSTRUCTED TO BE READ INTO A PROC FORMAT */
113 RUN;

NOTE: There were 695 observations read from the data set WORK.STUBFILE.
NOTE: The data set WORK.LBLFMT has 695 observations and 4 variables.
NOTE: DATA statement used:
      real time          0.01 seconds
      cpu time          0.01 seconds

114
115
116 PROC FORMAT;
117
118   VALUE $AGGFMT (MULTILABEL)
119     %MAPPING
120     OTHER= 'OTHER';
NOTE: Format $AGGFMT has been output.
121 /* CREATE AGGREGATION FORMAT */

122
123
124   VALUE $INC (MULTILABEL)
125     '01' = '01'
126     '01' = '10'
127     '02' = '02'
128     '02' = '10'
129     '03' = '03'
130     '03' = '10'
131     '04' = '04'
132     '04' = '10'
133     '05' = '05'
134     '05' = '10'
135     '06' = '06'

```

Creates a Dataset that can be used to associate titles with line numbers with a format procedure.

Formats:

Puts the aggregation scheme into a SAS format.

Puts the income groupings into a SAS format.

Note: The multilabel option is necessary in the aggregation format and income format since multiple mappings occur. This option is available in SAS V8 or higher.

```

136      '06' = '10'
137      '07' = '07'
138      '07' = '10'
139      '08' = '08'
140      '08' = '10'
141      '09' = '09'
142      '09' = '10';
NOTE: Format $INC has been output.
143      /* CREATE INCOME CLASS FORMAT */
144 RUN;

NOTE: PROCEDURE FORMAT used:
      real time          24.65 seconds
      cpu time          22.71 seconds

145
146
147 PROC FORMAT LIBRARY= WORK  CNTLIN= LBLFMT;
NOTE: Format $LBLFMT has been output.
148      /* CREATE LABEL FILE FORMATS */
149 RUN;

NOTE: PROCEDURE FORMAT used:
      real time          0.01 seconds
      cpu time          0.01 seconds

NOTE: There were 695 observations read from the data set WORK.LBLFMT.

150
151
152 /****** *****/
153 /* STEP2: READ IN ALL NEEDED DATA FROM THE CD-ROM */
154 /*----- */
155 /* 1 READ IN THE INTERVIEW FMLI FILES & CREATE THE MO_SCOPE VARIABLE */
156 /* 2 READ IN THE INTERVIEW MTBI AND ITBI FILES */
157 /* 3 MERGE FMLI AND EXPENDITURE FILES TO DERIVE WEIGHTED EXPENDITURES */
158 /****** *****/
159
160
161 DATA FMLI (KEEP = NEWID INCLASS WTREP01-WTREP44 FINLWT21 REPWT1-REPWT45);
162
163 SET I&YR1..FMLI&YR1.1X (IN = FIRSTQTR)
164   I&YR1..FMLI&YR1.2
165   I&YR1..FMLI&YR1.3
166   I&YR1..FMLI&YR1.4
167   I&YR1..FMLI&YR2.1 (IN = LASTQTR);
168 BY NEWID;
169 /* READ IN FMLI FILE DATA */
170
171 IF FIRSTQTR THEN
172   MO_SCOPE = (QINTRVMO - 1);
173 ELSE IF LASTQTR THEN
174   MO_SCOPE = (4 - QINTRVMO);
175 ELSE
176   MO_SCOPE = 3;
177 /* CREATE MONTH IN SCOPE VARIABLE (MO_SCOPE) */
178
179 ARRAY REPS_A(45) WTREP01-WTREP44 FINLWT21;
180 ARRAY REPS_B(45) REPWT1-REPWT45;
181
182 DO i = 1 TO 45;
183 IF REPS_A(i) > 0 THEN
184   REPS_B(i) = (REPS_A(i) * MO_SCOPE / 12);
185   ELSE REPS_B(i) = 0;
186 END;
187 /* ADJUST WEIGHTS BY MO_SCOPE TO ACCOUNT FOR SAMPLE ROTATION */
188 RUN;

NOTE: Character values have been converted to numeric values at the places given by:

```

Puts the titles into a SAS format for use in the final output.

Reads in the necessary variables from the FMLI files. Newid is the code given to a consumer unit each time it participates. Finlwt21 and Wtrep01-Wtrep44 are weight variables used to weight each consumer unit such that it represents some portion of the population. Inclass is a code that represents the range within which the consumer unit's annual income falls.

Lines 171-176 create the variable mo\_scope. Mo\_scope is used to calculate calendar year, as opposed to collection year, estimates. It is used in conjunction with weights to determine populations.

NOTE: More information on mo\_scope can be found in the ESTIMATION PROCEDURES section of this documentation.

Lines 182-186 create weights that are mo\_scope adjusted to account for sample rotation.

<pre>(Line) : (Column). 172:19 174:23 NOTE: There were 7976 observations read from the data set I04.FMLI041X. NOTE: There were 7779 observations read from the data set I04.FMLI042. NOTE: There were 7643 observations read from the data set I04.FMLI043. NOTE: There were 7687 observations read from the data set I04.FMLI044. NOTE: There were 7759 observations read from the data set I04.FMLI051. NOTE: The data set WORK.FMLI has 38844 observations and 92 variables. NOTE: DATA statement used:       real time          4:54.88       cpu time           1.76 seconds</pre> <pre>189 190 191 192 DATA EXPEND (KEEP=NEWID UCC COST); 193 194   SET I&amp;YR1..MTBI&amp;YR1.1X 195     I&amp;YR1..MTBI&amp;YR1.2 196     I&amp;YR1..MTBI&amp;YR1.3 197     I&amp;YR1..MTBI&amp;YR1.4 198     I&amp;YR1..MTBI&amp;YR2.1 199 200   I&amp;YR1..ITBI&amp;YR1.1X (RENAME=(VALUE=COST)) 201   I&amp;YR1..ITBI&amp;YR1.2 (RENAME=(VALUE=COST)) 202   I&amp;YR1..ITBI&amp;YR1.3 (RENAME=(VALUE=COST)) 203   I&amp;YR1..ITBI&amp;YR1.4 (RENAME=(VALUE=COST)) 204   I&amp;YR1..ITBI&amp;YR2.1 (RENAME=(VALUE=COST)); 205   BY NEWID; 206 207 IF REFYR = "&amp;YEAR" OR REF_YR = "&amp;YEAR"; 208 IF UCC = '710110' THEN 209   COST = (COST * 4); 210 /* READ IN MTBI AND ITBI EXPENDITURE AND INCOME DATA */ 211 /* ADJUST UCC 710110 TO ANNUALIZE */ 212 RUN;</pre> <pre>NOTE: There were 689817 observations read from the data set I04.MTBI041X. NOTE: There were 641506 observations read from the data set I04.MTBI042. NOTE: There were 643888 observations read from the data set I04.MTBI043. NOTE: There were 641258 observations read from the data set I04.MTBI044. NOTE: There were 677921 observations read from the data set I04.MTBI051. NOTE: There were 447303 observations read from the data set I04.ITBI041X. NOTE: There were 437832 observations read from the data set I04.ITBI042. NOTE: There were 430746 observations read from the data set I04.ITBI043. NOTE: There were 432243 observations read from the data set I04.ITBI044. NOTE: There were 437226 observations read from the data set I04.ITBI051. NOTE: The data set WORK.EXPEND has 4351728 observations and 3 variables. NOTE: DATA statement used:       real time          4:27.82       cpu time           5.20 seconds</pre> <pre>213 214 215 216 DATA PUBFILE (KEEP = NEWID INCLASS UCC RCOST1-RCOST45); 217   MERGE FMLI (IN = INFAM) 218     EXPEND (IN = INEXP); 219   BY NEWID; 220   IF INEXP AND INFAM; 221 222   IF COST = . THEN 223     COST = 0; 224 225   ARRAY REPS_A(45) WTREP01-WTREP44 FINLWT21; 226   ARRAY REPS_B(45) RCOST1-RCOST45; 227 228   DO i = 1 TO 45; 229     IF REPS_A(i)&gt; 0</pre>	<p>Reads in all MTBI expenditure data and ITBI 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>Refyr 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> <p>Merges the FMLI 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</p>
---	---

```

230      THEN REPS_B(i) = (REPS_A(i) * COST);
231      ELSE REPS_B(i) = 0;
232  END;
233 /* MERGE FMLI FILE WEIGHTS AND CHARACTERISTICS WITH MTBI/ITBI COSTS */
234 /* MULTIPLY COSTS BY WEIGHTS TO DERIVE WEIGHTED COSTS */
235 RUN;

NOTE: There were 38844 observations read from the data set WORK.FMLI.
NOTE: There were 4351728 observations read from the data set WORK.EXPEND.
NOTE: The data set WORK.PUBFILE has 4351728 observations and 48 variables.
NOTE: DATA statement used:
      real time          2:48.85
      cpu time          1:58.63

236
237
238 /****** STEP3: CALCULATE POPULATIONS *****/
239 /*----- */
240 /*----- */
241 /* 1 SUM ALL 45 WEIGHT VARIABLES TO DERIVE REPPLICATE POPULATIONS */
242 /* 2 FORMAT FOR CORRECT COLUMN CLASSIFICATIONS */
243 /****** */
244
245
246 PROC SUMMARY NWAY DATA=FMLI;
247   CLASS INCLASS / MLF;
248   VAR REPWT1-REPWT45;
249   FORMAT INCLASS $INC.;
250   OUTPUT OUT = POP (DROP = _TYPE_ _FREQ_) SUM = RPOP1-RPOP45;
251   /* SUMS WEIGHTS TO CREATE POPULATIONS PER REPPLICATE */
252   /* FORMATS TO CORRECT COLUMN CLASSIFICATIONS */
253 RUN;

NOTE: There were 38844 observations read from the data set WORK.FMLI.
NOTE: The data set WORK.POP has 10 observations and 46 variables.
NOTE: PROCEDURE SUMMARY used:
      real time          3.68 seconds
      cpu time          0.29 seconds

254
255
256
257 /****** STEP4: CALCULATE WEIGHTED AGGREGATE EXPENDITURES *****/
258 /*----- */
259 /*----- */
260 /* 1 SUM THE 45 REPPLICATE WEIGHTED EXPENDITURES TO DERIVE AGGREGATES */
261 /* 2 FORMAT FOR CORRECT COLUMN CLASSIFICATIONS AND AGGREGATION SCHEME */
262 /****** */
263
264
265 PROC SUMMARY NWAY DATA=PUBFILE SUMSIZE=MAX COMPLETETYPES;
266   CLASS UCC INCLASS / MLF;
267   VAR RCOST1-RCOST45;
268   FORMAT UCC $AGGFMT. INCLASS $INC.;
269   OUTPUT OUT=AGG (DROP= _TYPE_ _FREQ_ RENAME=(UCC=LINE))
270   SUM = RCOST1-RCOST45;
271   /* SUMS WEIGHTED COSTS PER REPPLICATE TO GET AGGREGATES */
272   /* FORMATS INCOME TO CREATE COMPLETE REPORTING COLUMN */
273   /* FORMATS EXPENDITURES TO CORRECT AGGREGATION SCHEME */
274 RUN;

NOTE: There were 4351728 observations read from the data set WORK.PUBFILE.
NOTE: The data set WORK.AGG has 6770 observations and 47 variables.
NOTE: PROCEDURE SUMMARY used:
      real time          1:51.35
      cpu time          1:43.67

```

weight. RCOST1-RCOST45 represents the weighted costs for each expenditure.

The weights in the FMLI file are summed to create replicate populations and the full US population for each income class.

Replicate populations (Repwt1-Repwt44) and the US population (Repwt45) are used as the denominator in means estimation.

Weighted costs are summed and formatted into income classes and by the aggregation scheme of the stub file. These aggregate expenditures will become the numerator in means estimation.

```

275
276
277
278 /****** */
279 /* STEP5: CALCULATE MEAN EXPENDITURES */
280 /*----- */
281 /* 1 READ IN POPULATIONS AND LOAD INTO MEMORY USING A 2 DIMENSIONAL ARRAY */
282 /* POPULATIONS ARE ASSOCIATED BY INCLASS(i), AND REPLICATE(j) */
283 /* 2 READ IN AGGREGATE EXPENDITURES FROM AGG DATASET */
284 /* CALCULATE MEANS BY DIVIDING AGGREGATES BY CORRECT SOURCE POPULATIONS */
285 /* 4 CALCULATE STANDARD ERRORS USING REPLICATE FORMULA */
286 /****** */
287
288
289 DATA TAB1 (KEEP = LINE MEAN SE);
290
291 /* READS IN POP DATASET. _TEMPORARY_ LOADS POPULATIONS INTO SYSTEM MEMORY */
292 ARRAY POP{01:10,45} _TEMPORARY_;
293 IF _N_=1 THEN DO i=1 TO 10;
294   SET POP;
295   ARRAY REPS(45) RPOP1-RPOP45;
296   DO j=1 TO 45;
297     POP{INCLASS,j}=REPS(j);
298   END;
299 END;
300
301 /* READS IN AGG DATASET AND CALCULATES MEANS BY DIVIDING BY POPULATIONS */
302 SET AGG (KEEP = LINE INCLASS RCOST1-RCOST45);
303   ARRAY AGGS(45) RCOST1-RCOST45;
304   ARRAY AVGS(45) MEAN1-MEAN44 MEAN;
305   DO k=1 TO 45;
306     IF AGGS(k)=. THEN AGGS(k)=0;
307     AVGS(k)=AGGS(k)/POP{INCLASS,k};
308   END;
309
310 /* CALCULATES STANDARD ERRORS USING REPLICATE FORMULA */
311 ARRAY RMNS(44) MEAN1-MEAN44;
312 ARRAY DIFF(44) DIFF1-DIFF44;
313 DO n=1 TO 44;
314   DIFF(n)=(RMNS(n)-MEAN)**2;
315 END;
316 SE=SQRT((1/44)*SUM(OF DIFF(*)));
317 RUN;

```

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

297:13 307:33

NOTE: There were 10 observations read from the data set WORK.POP.

NOTE: There were 6770 observations read from the data set WORK.AGG.

NOTE: The data set WORK.TAB1 has 6770 observations and 3 variables.

NOTE: DATA statement used:

real time	1.76 seconds
cpu time	0.65 seconds

```

318
319
320
321 /****** */
322 /* STEP6: TABULATE EXPENDITURES */
323 /*----- */
324 /* 1 ARRANGE DATA INTO TABULAR FORM */
325 /* 2 SET OUT INTERVIEW POPULATIONS FOR POPULATION LINE ITEM */
326 /* 3 INSERT POPULATION LINE INTO TABLE */
327 /* 4 INSERT ZERO EXPENDITURE LINE ITEMS INTO TABLE FOR COMPLETENESS */
328 /****** */
329
330
331 PROC TRANSPOSE DATA=TAB1 OUT=TAB2
332   NAME = ESTIMATE PREFIX = INCLASS;
333   BY LINE;

```

This data step calculates means and standard errors:

Lines 292-299 reads in the column populations and stores them into temporary memory. Populations in memory are associated with INCLASS(i), and REPLICATE(j).

Line 302 reads in the aggregated expenditures.

Lines 305-308 calculates means by dividing the aggregate expenditures by the appropriate populations in memory as determined by INCLASS and REPLICATE.

Lines 313-316 calculates standard errors using the replicate weight formula.

Arranges output for tabulation. This will give a rough expenditure table.

```

334   VAR MEAN SE;
335   /*ARRANGE DATA INTO TABULAR FORM */
336 RUN;

NOTE: There were 6770 observations read from the data set WORK.TAB1.
NOTE: The data set WORK.TAB2 has 1354 observations and 12 variables.
NOTE: PROCEDURE TRANSPOSE used:
      real time          0.21 seconds
      cpu time          0.01 seconds

337
338
339 PROC TRANSPOSE DATA=POP (KEEP = RPOP45) OUT=CUS
340   NAME = LINE PREFIX = INCLASS;
341   VAR RPOP45;
342   /* SET ASIDE POPULATIONS FROM INTERVIEW */
343 RUN;

NOTE: There were 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          0.00 seconds
      cpu time          0.00 seconds

344
345
346 DATA TAB3;
347   SET CUS TAB2;
348   IF LINE = 'RPOP45' THEN DO;
349     LINE = '100001';
350     ESTIMATE = 'N';
351   END;
352   /* INSERT POPULATION LINE ITEM INTO TABLE AND ASSIGN LINE NUMBER */
353 RUN;

NOTE: There were 1 observations read from the data set WORK.CUS.
NOTE: There were 1354 observations read from the data set WORK.TAB2.
NOTE: The data set WORK.TAB3 has 1355 observations and 12 variables.
NOTE: DATA statement used:
      real time          0.07 seconds
      cpu time          0.00 seconds

354
355
356 DATA TAB;
357   MERGE TAB3 STUBFILE;
358   BY LINE;
359   IF LINE NE '100001' THEN DO;
360     IF SURVEY = 'S' THEN DELETE;
361   END;
362   ARRAY CNTRL(10) INCLASS1-INCLASS10;
363   DO i = 1 TO 10;
364     IF CNTRL(i) = . THEN CNTRL(i) = 0;
365     IF SUM(OF CNTRL(*)) = 0 THEN ESTIMATE = 'MEAN';
366   END;
367
368   IF GROUP IN ('CUCHARS' 'INCOME') THEN DO;
369     IF LAG(LINE) = LINE THEN DELETE;
370   END;
371   /* MERGE STUBFILE BACK INTO TABLE TO INSERT EXPENDITURE LINES */
372   /* THAT HAD ZERO EXPENDITURES FOR THE YEAR */
373 RUN;

NOTE: There were 1355 observations read from the data set WORK.TAB3.
NOTE: There were 695 observations read from the data set WORK.STUBFILE.
NOTE: The data set WORK.TAB has 1290 observations and 20 variables.
NOTE: DATA statement used:
      real time          0.26 seconds

```

All populations are put into dataset POP. A special dataset, CUS, is created specifically for inserting the full US population into the output.

Population totals per income class are inserted into the output.

This data step further processes data by deleting unwanted table line items and inserting zero expenditure lines for items that are not reported. This is to get the output as close to publication tables as possible.

Tabulate the data. Line numbers are formatted to give titles.

<pre> cpu time          0.03 seconds  374 375 376 PROC TABULATE DATA=TAB; 377   CLASS LINE / GROUPINTERNAL ORDER=DATA; 378   CLASS ESTIMATE; 379   VAR INCLASS1-INCLASS10; 380   FORMAT LINE \$LBLFMT.; 381 382   TABLE (LINE * ESTIMATE), (INCLASS10 INCLASS1 INCLASS2 INCLASS3 INCLASS4 383                               INCLASS5 INCLASS6 INCLASS7 INCLASS8 INCLASS9)  384   *SUM=' ' / RTS=25; 385   LABEL ESTIMATE=ESTIMATE LINE=LINE 386     INCLASS1='LESS THAN \$5,000'  INCLASS2='\$5,000 TO \$9,999' 387     INCLASS3='\$10,000 TO \$14,999' INCLASS4='\$15,000 TO \$19,999' 388     INCLASS5='\$20,000 TO \$29,999' INCLASS6='\$30,000 TO \$39,999' 389     INCLASS7='\$40,000 TO \$49,999' INCLASS8='\$50,000 TO \$69,999' 390     INCLASS9='\$70,000 AND OVER'  INCLASS10='ALL CONSUMER UNITS'; 391   OPTIONS NODATE NOCENTER NONNUMBER LS=167 PS=MAX; 392   WHERE LINE NE 'OTHER'; 393   TITLE "INTERVIEW EXPENDITURES FOR &amp;YEAR BY INCOME BEFORE TAXES"; 394 RUN;  NOTE: There were 1288 observations read from the data set WORK.TAB.       WHERE LINE not = 'OTHER'; NOTE: PROCEDURE TABULATE used:       real time          3.71 seconds       cpu time           0.09 seconds </pre>	
--	--

## B. OUTPUT

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

## VIII.DESCRIPTION OF THE SURVEY

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

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

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

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

The quarterly Interview survey is designed to collect data on major items of expense which respondents can be expected to recall for 3 months or longer. In practice, the Interview survey collects detailed data on an estimated 60 to 70 percent of total household expenditures. In addition, global estimates are obtained for food and other selected items. These global estimates account for an additional 20 to 25 percent of total expenditures. The Interview survey does not collect expenses for housekeeping supplies, personal care products, and nonprescription drugs, which contribute about 5 to 15 percent of total expenditures. Thus, up to 95 percent of total expenditures are covered in the Interview

survey. Household characteristics, income, and financial data are also collected. At BLS, each quarter of data is processed independently from other quarters. Thus the annual estimates published by BLS are not dependent on the participation of a CU for the full five interviews.

The initial interview collects demographic and family characteristics data. 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 2003 and 2004 samples is composed of 105 areas. The design classifies the PSUs into four categories:

- 31 "A" certainty PSUs are Metropolitan Statistical Areas (MSA's) with a population greater than 1.5 million.
- 46 "B" PSUs, are medium-sized MSA's.
- 10 "C" PSUs are nonmetropolitan areas that are included in the CPI.

- 18 "D" PSUs are nonmetropolitan areas where only the urban population data will be included in the CPI.

The sampling frame (that is, the list from which housing units were chosen) for the 2004 survey is generated from the 1990 Census of Population 100-percent-detail file. The sampling frame is augmented by new construction permits and by techniques used to eliminate recognized deficiencies in census coverage. All Enumeration Districts (EDs) from the Census that fail to meet the criterion for good addresses for new construction, and all EDs in nonpermit-issuing areas are grouped into the area segment frame. Interviewers are then assigned to list these areas before a sample is drawn.

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

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

## B. COOPERATION LEVELS

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

Year	Consumer units designated <u>for the survey</u>	Type B or C <u>ineligible cases</u>	<i>Eligible housing unit interviews</i>			Response Rate for Eligible Interviews
			Number of potential <u>interviews</u>	Type A <u>nonresponse</u>	Total respondent <u>interviews</u>	
1999	46,305	8,627	37,678	7,622	30,056	79.8%
2000	47,498	8,752	38,746	7,736	31,010	80.0%
2001	47,998	9,158	38,840	8,527	30,313	78.0%
2002	49,501	9,336	40,165	8,838	31,327	78.0%
2003	50,596	9,357	41,239	8,841	32,398	78.6%
2004	50,509	9,626	40,883	9,798	31,085	76.0%

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)031</sup>(UCC) identifies a new (deleted) UCC beginning in Q031.

### **A. EXPENDITURE UCCS ON MTBI FILE**

- 002120 Other non-health insurance
- 006001 Total amount owed to creditors, 2nd interview
- 006002 Total amount owed to creditors, 5th interview
- \*L 006003 Total amount owed to creditors, 2nd interview, asked first quarter, current year (2004)
- \*L 006004 Total amount owed to creditors, 5th interview, asked first quarter, current year (2004)
- 006005 Total amount owed to creditors, 2nd interview, asked first quarter, current year + 1 (2005)
- 006006 Total amount owed to creditors, 5th interview, asked first quarter, current year +1 (2005)
- 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
- 250221 Coal - renter
- 250222 Coal - owned home
- 250223 Coal - owned vacation home
- 250224 Coal - rented vacation property
- 250901 Wood, kerosene, and other fuels - renter
- 250902 Wood, kerosene, and other fuels - owned home
- 250903 Wood, kerosene, and other fuels - owned vacation home
- 250904 Wood, kerosene, and other fuels - rented vacation property
- 260111 Electricity - renter
- 260112 Electricity - owned home; portion of management fees for utilities in condos and coops (non-vacation)
- 260113 Same as 260112 - owned vacation home; vacation condos and coops
- 260114 Electricity - rented vacation property
- 260211 Natural or utility gas - renter
- 260212 Natural or utility gas - owned home; portion of management fees for utilities in condos and coops (non-vacation)
- 260213 Same as 260212 - owned vacation home; vacation condos and coops
- 260214 Natural or utility gas - rented vacation property
- 270101 Residential telephone or pay phones
- 270102 Cellular phone service
- 270103 Pager services
- 270104 Phone cards
- 270211 Water and sewerage maintenance – renter
- 270212 Water and sewerage maintenance – owned home; portion of management fees for utilities in condos and coops (non-vacation)

- 270213 Same as 270212 – owned vacation home; vacation condos and coops
- 270214 Water and sewerage maintenance – rented vacation property
- 270310 Cable, satellite, or community antenna service
- 270411 Trash and garbage collection – renter
- 270412 Trash and garbage collection – owned home; management fees for trash collection in condos and coops (non-vacation)
- 270413 Same as 270412 – owned vacation home; vacation condos and coops
- 270414 Trash and garbage collection – rented vacation property
- 270901 Septic tank cleaning – renter
- 270902 Septic tank cleaning – owned home
- 270903 Septic tank cleaning – owned vacation home
- 270904 Septic tank cleaning – rented vacation property
- 280110 Bathroom linens
- 280120 Bedroom linens
- 280130 Kitchen and dining room linens
- 280210 Curtains and drapes
- 280220 Slipcovers, decorative pillows, and cushions
- 280230 Sewing materials for slipcovers, curtains, and other home handiwork
- 280900 Other linens
- 290110 Mattresses and springs
- 290120 Other bedroom furniture
- 290210 Sofas
- 290310 Living room chairs
- 290320 Living room tables
- 290410 All kitchen and dining room furniture
- 290420 Infants' furniture
- 290430 Patio, porch, or outdoor furniture
- 290440 Modular wall units, shelves or cabinets; other living room, family or recreation room furniture including desks
- 300111 Purchase and installation of refrigerator or home freezer – renter
- 300112 Purchase and installation of refrigerator or home freezer – homeowner
- 300211 Purchase and installation of clothes washer – renter
- 300212 Purchase and installation of clothes washer – homeowner
- 300221 Purchase and installation of clothes dryer – renter
- 300222 Purchase and installation of clothes dryer – homeowner
- 300311 Purchase and installation of cooking stove, range or oven, excl. microwave – renter
- 300312 Purchase and installation of cooking stove, range or oven, excl. microwave – homeowner
- 300321 Purchase and installation of microwave oven – renter
- 300322 Purchase and installation of microwave oven – homeowner
- 300331 Purchase and installation of portable dishwasher – renter
- 300332 Purchase and installation of portable dishwasher – homeowner
- 300411 Window air conditioner – renter
- 300412 Window air conditioner – homeowner
- 310110 Black and white TV, and combinations of TV with other items
- 310120 Color TV console and combinations of TV; large screen color TV projection equipment; color monitor and other items
- 310130 Color TV (portable and table models)
- 310210 VCR, video disc player, video camera, and camcorder
- 310220 Video cassettes, tapes, and discs
- 310230 TV computers games and computer game software
- 310311 Radio
- 310313 Tape recorder and player
- 310320 Sound components, component systems, and compact disc sound systems
- 310333 Accessories and other sound equipment including phonographs
- 310334 Satellite dishes
- 310341 Compact discs, tapes, videos, or records purchased from a club

- 310342 Compact discs, tapes, needles, or records not from a club
- 320111 Carpet squares for owned and rented homes (Non-Permanent)
- 320120 Venetian blinds, window shades and other window coverings
- 320130 Infants' equipment
- 320150 Outdoor equipment
- 320162 Non-installed wall to wall carpeting (replacement) and carpet squares – homeowner
- 320163 Installed and non-installed replacement wall to wall carpeting for rental homes
- 320210 Clocks
- 320220 Lamps and other lighting fixtures
- 320231 Other household decorative items
- 320232 Telephones and accessories
- 320310 Plastic dinnerware
- 320320 China and other dinnerware
- 320330 Stainless, silver and other flatware
- 320340 Glassware
- 320350 Silver serving pieces
- 320360 Serving pieces other than silver
- 320370 Non-electric cookware
- 320410 Lawnmowing equipment and other yard machinery
- 320420 Power tools
- 320511 Electric floor cleaning equipment
- 320512 Sewing machines
- 320521 Small electrical kitchen appliances
- 320522 Portable heating and cooling equipment
- 320611 Cost of supplies purchased for insulation and other improvements/repairs; materials and supplies purchased not for any specific job – renter
- 320612 Cost of supplies purchased for insulation and other improvements/repairs for jobs considered replacement or maintenance/repair; materials and supplies purchased not for any specific job – owned home
- 320613 Cost of supplies purchased for insulation and other improvements/repairs for jobs considered replacement or maintenance/repair – owned vacation home
- 320621 Cost of supplies purchased for repair or replacement of hard surfaced flooring – renter
- 320622 Cost of supplies purchased for repair or replacement of hard surfaced flooring for jobs considered replacement or maintenance/repair – owned home
- 320623 Same as 320622 – owned vacation home
- 320631 Cost of supplies purchased for landscaping – renter
- 320632 Cost of supplies purchased for landscaping for jobs considered replacement or maintenance/repair – owned home
- 320633 Same as 320632 – owned vacation home
- 320901 Office furniture for home use
- 320902 Non-power tools
- 320903 Fresh flowers or potted plants
- 320904 Closet storage items
- 330511 Cost of materials purchased for termite and pest control for jobs considered replacement or maintenance/repair
- 340211 Babysitting or other child care in your own home
- 340212 Babysitting or other child care in someone else's home
- 340310 Housekeeping service, incl. management fees for maid service in condos
- 340410 Gardening and lawn care services, incl. management fees for lawn care in coops and condos
- 340420 Water softening service
- 340510 Moving, storage, and freight express
- 340520 Non-clothing household laundry or dry cleaning – not coin-operated
- 340530 Non-clothing household laundry or dry cleaning – coin-operated
- 340610 Repair of television, radio, and sound equipment, excluding installed in vehicles
- 340620 Repair of household appliances, excl. garbage disposal, range hood, and built-in dishwasher

- 340630 Furniture repair, refinishing, or reupholstering
- 340901 Rental or repair of equipment and other yard machinery, power and non-power tools
- 340902 Rental of televisions
- 340903 Miscellaneous home services and small repair jobs not already specified
- 340904 Rental of furniture
- 340905 Rental of VCR, radio, and sound equipment – see 310210, 310311-310330
- 340906 Care for invalids, convalescents, handicapped or elderly persons in the CU
- 340907 Rental and installation of household equipment – see 300111-300332
- 340908 Rental of office equipment for non-business use – see 320232, 690111, 690112, 690210-690230
- 340910 Adult day care centers
- 340911 Management fees for security, incl. guards and alarm systems in coops and condos (non-vacation)
- 340912 Management fees for security, incl. guards and alarm systems in coops and condos (vacation)
- 340914 Services for termite/pest control maintenance
- 340915 Service fee expenditures for home security systems
- 350110 Tenant's insurance
- 360110 Men's suits
- 360120 Men's sport coats
- 360210 Men's coats, jackets, and furs
- 360311 Men's underwear
- 360312 Men's hosiery
- 360320 Men's nightwear
- 360330 Men's accessories
- 360340 Men's sweaters and vests
- 360350 Men's active sportswear
- 360410 Men's shirts
- 360511 Men's pants
- 360512 Men's shorts and shorts sets, excl. athletic
- 360901 Men's uniforms
- 360902 Men's other clothing, incl. costumes
- 370110 Boys' coats, jackets, and furs
- 370120 Boys' sweaters
- 370130 Boys' shirts
- 370211 Boys' underwear
- 370212 Boys' nightwear
- 370213 Boys' hosiery
- 370220 Boys' accessories
- 370311 Boys' suits, sport coats, and vests
- 370312 Boys' pants
- 370313 Boys' shorts and shorts sets, excl. athletic
- 370902 Boys' other clothing, incl. costumes
- 370903 Boys' uniforms
- 370904 Boys' active sportswear
- 380110 Women's coats, jackets, and furs
- 380210 Women's dresses
- 380311 Women's sport coats and tailored jackets
- 380312 Women's vests, sweaters, and sweater sets
- 380313 Women's shirts, tops, and blouses
- 380320 Women's skirts and culottes
- 380331 Women's pants
- 380332 Women's shorts and shorts sets, excl. athletic
- 380340 Women's active sportswear
- 380410 Women's nightwear
- 380420 Women's undergarments

- 380430 Women's hosiery
- 380510 Women's suits
- 380901 Women's accessories
- 380902 Women's uniforms
- 380903 Women's other clothing, incl. costumes
- 390110 Girls' coats, jackets, and furs
- 390120 Girls' dresses and suits
- 390210 Girls' sport coats, tailored jackets, shirts, blouses, sweaters, sweater sets, and vests
- 390221 Girls' skirts, culottes, and pants
- 390222 Girls' shorts and shorts sets, excl. athletic
- 390230 Girls' active sportswear
- 390310 Girls' undergarments and nightwear
- 390321 Girls' hosiery
- 390322 Girls' accessories
- 390901 Girls' uniforms
- 390902 Girls' other clothing, incl. costumes
- 400110 Men's footwear
- 400210 Boys' footwear
- 400220 Girls' footwear
- 400310 Women's footwear
- 410110 Infants' coats, jackets, and snowsuits
- 410120 Infants' dresses and other outerwear
- 410130 Infants' undergarments, incl. diapers
- 410140 Infants' sleeping garments
- 410901 Infants' accessories, hosiery, and footwear
- 420110 Sewing materials for making clothes
- 420120 Sewing notions, patterns
- 430110 Watches
- 430120 Jewelry
- 430130 Travel items, including luggage, and luggage carriers
- 440110 Shoe repair and other shoe services
- 440120 Apparel laundry and dry cleaning – coin-operated
- 440130 Alteration, repair, and tailoring of apparel and accessories
- 440140 Clothing rental
- 440150 Watch and jewelry repair
- 440210 Apparel laundry and dry cleaning – not coin-operated
- 440900 Clothing storage
- 450110 New cars (net outlay)
- 450116 Trade-in allowance for new cars
- 450210 New trucks or vans (net outlay)
- 450216 Trade-in allowance for new trucks or vans
- 450220 New motorcycles, motor scooters, or mopeds (net outlay)
- 450226 Trade-in allowance for new motorcycles, motor scooters, or mopeds
- 450310 Basic lease charge (car lease)
- 450311 Charges other than basic lease, such as insurance or maintenance (car lease)
- 450312 Trade-in allowance (car lease)
- 450313 Cash down payment (car lease)
- 450314 Termination fee (car lease)
- 450410 Basic lease charge (truck/van lease)
- 450411 Charges other than basic lease, such as insurance or maintenance (truck/van lease)
- 450412 Trade-in allowance (truck/van lease)
- 450413 Cash down payment (truck/van lease)
- 450414 Termination fee (truck/van lease)
- 460110 Used cars (net outlay)
- 460116 Trade-in allowance for used cars
- 460901 Used trucks or vans (net outlay)

- 460902 Used motorcycles, motor scooters, or mopeds (net outlay)
- 460907 Trade-in allowance for used trucks or vans
- 460908 Trade-in allowance for used motorcycles, motor scooters, or mopeds
- 470111 Gasoline
- 470112 Diesel fuel
- 470113 Gasoline on out-of-town trips
- 470211 Motor oil
- 470212 Motor oil on out-of-town trips
- 470220 Coolant/antifreeze, brake & transmission fluids, additives, and radiator/cooling system protectant (not purchased with tune-up)
- 480110 Tires (new, used or recapped); replacement and mounting of tires, including tube replacement
- 480213 Vehicle parts, equipment, and accessories
- 480214 Vehicle audio equipment excluding labor
- 490110 Body work, painting, repair and replacement of upholstery, vinyl/convertible top, and glass, installation of carpet
- 490211 Clutch and transmission repair
- 490212 Drive shaft and rear-end repair
- 490221 Brake work
- 490231 Steering or front end repair
- 490232 Cooling system repair
- 490311 Motor tune-up
- 490312 Lubrication and oil changes
- 490313 Front end alignment, wheel balance and rotation
- 490314 Shock absorber replacement
- 490318 Repair tires and miscellaneous repair work, such as battery charge, wash, wax, repair and replacement of windshield wiper, wiper motor, heater, air conditioner, radio and antenna
- 490319 Vehicle air conditioner repair
- 490411 Exhaust system repair
- 490412 Electrical system repair
- 490413 Motor repair and replacement
- 490501 Vehicle accessories including labor
- 490502 Vehicle audio equipment including labor
- 490900 Auto repair service policy
- 500110 Vehicle insurance
- 510110 Automobile finance charges
- 510901 Truck or van finance charges
- 510902 Motorcycle finance charges
- 520111 State vehicle registration
- 520112 Local vehicle registration
- 520310 Driver's license
- 520410 Vehicle inspection
- 520511 Auto rental, excl. trips
- 520512 Auto rental on out-of-town trips
- 520521 Truck or van rental, excl. trips
- 520522 Truck or van rental on out-of-town trips
- 520531 Parking fees at garages, meters, and lots excl. fees that are costs of property ownership
- 520532 Parking fees on out-of-town trips
- 520542 Tolls on out-of-town trips
- 520550 Towing charges (excl. contracted or pre-paid)
- 520901 Docking and landing fees for boats and planes
- 520902 Motorcycle, motor scooter, or moped rental
- 520903 Aircraft rental
- 520904 Rental of non camper-type trailer, such as for boat or cycle
- 520905 Same as 520902 – out-of-town trips
- 520906 Aircraft rental on out-of-town trips

- 520907 Rental of boat or non camper-type trailer, such as for boat or cycle on out-of-town trips  
 530110 Airline fares on out-of-town trips  
 530210 Intercity bus fares on out-of-town trips  
 530311 Intracity mass transit fares  
 530312 Local transportation (excl. taxis) on out-of-town trips  
 530411 Taxi fares on out-of-town trips  
 530412 Taxi fares and limousine service (not on trips)  
 530510 Intercity train fares on out-of-town trips  
 530901 Ship fares on out-of-town trips  
 530902 Private school bus  
 \*L 540000 Prescription drugs and medicines (net outlay)  
 \*L 550110 Purchase of eye glasses or contact lenses, incl. kits and equipment, fittings, warranty expenses, and insurance (net outlay)  
 \*L 550320 Purchase of medical or surgical equipment for general use, such as thermometers, needles/syringes, ice bags, heating pads, orthopedic appliances, and blood pressure kits (not including band aids, gauze, cotton rolls/balls) (net outlay)  
 \*L 550330 Purchase of supportive or convalescent medical equipment, such as crutches, wheelchairs, braces, and ace bandages (net outlay)  
 \*L 550340 Hearing aids (net outlay)  
 \*L 560110 Physicians' services (net outlay)  
 \*L 560210 Dental care (net outlay)  
 \*L 560310 Eye exams, treatment or surgery (net outlay)  
 \*L 560330 Lab tests and X-rays (net outlay)  
 \*L 560400 Services by medical professionals other than physicians, nursing services, and therapeutic treatments (net outlay)  
 \*L 570110 Hospital room and meals (net outlay)  
 \*L 570210 Hospital services other than room, such as operating, recovery, and treatment room, ICU, X-rays, lab tests, medicine, injections, therapy, examinations, transfusions, nursing services, oxygen, and anesthetics (net outlay)  
 \*L 570220 Care in convalescent or nursing home (net outlay)  
 \*L 570230 Other medical care service, such as blood donation, ambulance, emergency room, or outpatient hospital services (net outlay)  
 570240 Medical care in retirement community  
 \*L 570901 Rental of medical or surgical equipment for general use (net outlay) – see 550320  
 \*L 570903 Rental of supportive and convalescent equipment (net outlay) – see 550330  
 580111 Traditional fee for service health plan (not BC/BS)  
 580112 Traditional fee for service health plan (BC/BS)  
 580113 Preferred provider health plan (not BC/BS)  
 580114 Preferred provider health plan (BC/BS)  
 580311 Health maintenance organization (not BC/BS)  
 580312 Health maintenance organization (BC/BS)  
 580901 Medicare payment  
 580903 Commercial Medicare supplement (not BC/BS)  
 580904 Commercial Medicare supplement (BC/BS)  
 580905 Other health insurance (not BC/BS)  
 580906 Other health insurance (BC/BS)  
 590111 Newspaper subscriptions  
 590112 Newspapers, non-subscriptions  
 590211 Magazine subscriptions  
 590212 Magazines, non-subscription  
 590220 Books through book clubs  
 590230 Books not through book clubs  
 600110 Outboard motor  
 600121 Boat without motor or non camper-type trailer, such as for boat or cycle (net outlay)  
 600122 Trailer-type or other attachable-type camper (net outlay)  
 600127 Trade in allowance for boat without motor or non camper-type trailer, such as for boat or

- cycle
- 600128 Trade-in allowance for trailer-type or other attachable-type camper  
 600132 Boat with motor (net outlay)  
 600138 Trade-in allowance for boat with motor  
 600141 Purchase of motorized camper  
 600142 Purchase of other vehicle  
 600143 Trade in allowance, motorized camper  
 600144 Trade in allowance, other vehicle  
 600210 Ping-Pong, pool tables, other similar recreation room items, general sports equipment, and health and exercise equipment  
 600310 Bicycles  
 600410 Camping equipment  
 600420 Hunting and fishing equipment  
 600430 Winter sports equipment  
 600901 Water sports equipment  
 600902 Other sports equipment  
 610110 Toys, games, 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  
 630110 Cigarettes  
 630210 Cigars, pipe tobacco, and other tobacco products  
 640130 Wigs, hairpieces, or toupees

- 640420 Electric personal care appliances
- 650310 Personal care services for males and females, including haircuts
- 650900 Rental and repair of personal care appliances
- 660110 School books, supplies, and equipment for college
- 660210 Same as 660110 - elementary and high school
- 660310 Encyclopedia and other sets of reference books
- 660900 Same as 660110 - day care center, nursery school, and other schools
- 670110 Tuition for college
- 670210 Same as 670110 - elementary and high school
- 670310 Other expenses for day care centers and nursery schools, including tuition
- 670901 Same as 670110 - other schools
- 670902 Rentals of books and equipment, and other school-related expenses
- 680110 Legal fees, excluding real estate closing costs
- 680140 Funeral, burial or cremation expenses, including limousine and flowers
- 680210 Safe deposit boxes
- 680220 Charges for checking accounts and other banking services
- 680901 Purchase and upkeep of cemetery lots or vaults
- 680902 Accounting fees
- 690111 Computers, computer systems, and related hardware for non-business use
- 690112 Computer software and accessories for non-business use
- 690113 Repair of computers, computer systems, and related equipment for non-business use
- 690114 Computer information services
- 690210 Telephone answering devices
- 690220 Calculators
- 690230 Typewriters and other office machines for non-business use
- 690241 Purchases and rentals of smoke alarms and detectors - renter
- 690242 Same as 690241 - owned home
- 690243 Same as 690241 - owned vacation home
- 690244 Other household appliances - renter
- 690245 Same as 690244 - homeowner
- 700110 Life, endowment, annuities, and other insurance policies providing death benefits
- 710110 Finance charges, excluding mortgage and vehicles
- 790210 Total purchases at grocery stores
- 790220 Food and nonalcoholic beverage purchases at grocery stores
- 790230 Food and nonalcoholic beverage purchases at convenience or specialty stores
- 790310 Beer and wine for home use
- 790320 Other alcoholic beverages for home use
- 790410 Dining out at restaurants, cafeterias, drive-ins, etc. (excluding alcoholic beverages)
- 790420 Alcoholic beverages at restaurants, cafeterias, drive-ins, etc.
- 790430 School meals for preschool and school age children
- 790600 Same as 220111, 1220121, 220211, 220311, 220313, 220321, 210901, 250111-260211, 270211-270904, incl. management fees for these services - other properties; contractors' labor and material costs, and cost of supplies rented for jobs considered replacement or maintenance/repair - other properties; cost of supplies purchased for jobs considered replacement or maintenance/repair, excl. dwellings and additions being built, and termite and pest control - other properties
- 790610 Contractors' labor and material costs, cost of supplies rented or purchased for jobs considered addition, alteration or new construction - other properties
- 790611 Same as 220612 - other properties
- 790620 Management fees for capital improvements - other properties
- 790630 Special assessments for services and capital improvements - other properties
- 790640 Same as 790620 for management, security, and parking - other properties
- 790690 Cost of supplies purchased for dwellings and additions being built, finishing basement or attic, remodeling rooms, building outdoor patios, driveways, or permanent swimming pools - jobs not yet started - renter
- 790710 Purchase price of property excluding cost of common areas - other properties

- 790730 Closing costs - other properties  
 \*L 790810 Selling price or trade-in value - other properties  
 790830 Total selling expenses - other properties  
 \*L 790910 Special or lump-sum mortgage payments - other properties  
 \*L 790920 Reduction of mortgage principal - other properties  
 790930 Original mortgage amount (mortgage obtained during current quarter's interview) - other properties  
 790940 Reduction of principal on lump sum home equity loan - other properties  
 790950 Original amount of lump sum home equity loan - other properties (loan obtained during current quarter's interview)  
 800111 Alimony expenditures  
 800121 Child support expenditures  
 800700 Meals received as pay  
 800710 Rent received as pay  
 800721 Market value of owned home  
 800804 Support for college students  
 800811 Gifts to non-CU Members of stocks, bonds, mutual funds  
 800821 Cash contributions to charities, other organizations  
 800831 Cash contributions to churches or religious organizations  
 800841 Cash contributions to educational institutions  
 800851 Cash contributions to political organizations  
 800861 Other cash gifts  
 810101 Purchase price of property excluding cost of common areas – owned home  
 810102 Purchase price of property excluding cost of common areas – owned vacation home  
 810301 Closing costs – owned home  
 810302 Closing costs – owned vacation home  
 810400 Trip expenses for persons outside the CU  
 \*L 820101 Selling price or trade-in value – owned home  
 \*L 820102 Selling price or trade-in value – owned vacation home  
 820301 Total selling expenses – owned home  
 820302 Total selling expenses – owned vacation home  
 \*L 830101 Special or lump-sum mortgage payments – owned home  
 \*L 830102 Special or lump-sum mortgage payments – owned vacation home  
 \*L 830201 Reduction of mortgage principal – owned home; portion of management fees for repayment of loans in coops (non-vacation)  
 \*L 830202 Same as 830201 – owned vacation home; vacation coops  
 \*L 830203 Reduction of principal on lump sum home equity loan – owned home  
 \*L 830204 Reduction of mortgage principal, lump sum home equity loan – owned vacation home  
 830301 Original mortgage amount (mortgage obtained during current quarter's interview) – owned home  
 830302 Original mortgage amount (mortgage obtained during current quarter's interview) – owned vacation home  
 830303 Original amount of lump sum home equity loan (loan obtained during current quarter's interview) – owned home  
 830304 Original amount of lump sum home equity loan (loan obtained during current quarter's interview) – owned vacation home  
 840101 Amount for special assessment for roads, streets, or similar purposes not included in property tax – owned home  
 840102 Amount for special assessment for roads, streets, or similar purposes not included in property tax – owned vacation home  
 \*L 850100 Reduction of principal on vehicle loan  
 850200 Amount borrowed excluding interest on vehicle loan  
 850300 Finance charges on other vehicles  
 \*L 860100 Amount automobile sold or reimbursed  
 \*L 860200 Amount truck or van sold or reimbursed  
 \*L 860301 Amount motorized camper sold or reimbursed

- \*L 860302 Amount other vehicle sold or reimbursed
- \*L 860400 Amount trailer-type or other attachable-type camper sold or reimbursed
- \*L 860500 Amount motorcycle, motor scooter, or moped sold or reimbursed
- \*L 860600 Amount boat with motor sold or reimbursed
- \*L 860700 Amount boat without motor or non camper-type trailer, such as for or cycle sold or reimbursed
  - 870101 New cars, trucks, or vans (net outlay), purchase not financed
  - 870102 Cash downpayment for new cars, trucks, or vans, purchase financed
  - 870103 Finance charges on loans for new cars, trucks, or vans
  - 870104 Principal paid on loans for new cars, trucks, or vans
  - 870201 Used cars, trucks, or vans (net outlay), purchase not financed
  - 870202 Cash downpayment for used cars, trucks, or vans, purchase financed
  - 870203 Finance charges on loans for used cars, trucks, or vans
  - 870204 Principal paid on loans for used cars, trucks, or vans
  - 870301 Motorcycles, motor scooters, or mopeds (net outlay), purchase not financed
  - 870302 Cash downpayment for motorcycles, motor scooters, or mopeds, purchase financed
  - 870303 Finance charges on loans for motorcycles, motor scooters, or mopeds
  - 870304 Principal paid on loans for motorcycles, motor scooters, or mopeds
  - 870401 Boat without motor or non camper-type trailer, such as for boat or cycle (net outlay), purchase not financed
  - 870402 Cash downpayment for boat without motor, or non camper-type trailer, such as for boat or cycle, purchase financed
  - 870403 Finance charges on loans for boat without motor or non camper-type trailer, such as for boat or cycle
  - 870404 Principal paid on loans for boat without motor, or non camper-trailer, such as for boat or cycle
  - 870501 Trailer-type or other attachable-type camper (net outlay), purchase not financed
  - 870502 Cash downpayment for trailer-type or other attachable-type camper, purchase financed
  - 870503 Finance charges on loans for trailer-type or other attachable-type camper
  - 870504 Principal paid on loans for trailer-type or other attachable-type camper
  - 870605 Purchase of motorized camper, not financed
  - 870606 Principal, motorized camper, financed
  - 870607 Interest, motorized camper, financed
  - 870608 Downpayment, motorized camper, financed
  - 870701 Boat with motor (net outlay), purchase not financed
  - 870702 Cash downpayment for boat with motor, purchase financed
  - 870703 Finance charges on loans for boat with motor
  - 870704 Principal paid on loans for boat with motor
  - 870801 Purchase of other vehicle, not financed
  - 870802 Principal, other vehicle, financed
  - 870803 Interest, other vehicle, financed
  - 870804 Downpayment, other vehicle, financed
  - 880110 Interest on line of credit home equity loan – owned home
  - \*L 880120 Reduction of principal on line of credit home equity loan – owned home
  - 880210 Interest on line of credit home equity loan – other properties
  - \*L 880220 Reduction of principal on line of credit home equity loan – other properties
  - 880310 Interest on line of credit home equity loan – owned vacation home
  - \*L 880320 Reduction of principal on line of credit home equity loan – owned vacation home
  - 900002 Occupational expenses
  - 910050 Rental equivalence of owned home
  - 910100 Rental equivalence of owned vacation home
  - 990900 Rental and installation of dishwasher, disposal, and range hood
  - 990920 Cost of supplies purchased for dwellings and additions being built, finishing basement or attic, remodeling rooms, or building outdoor patios, walks, fences, driveways or swimming pools - renter
  - 990930 Cost of supplies purchased finishing basement or attic, remodeling rooms or building outdoor patios, walks, fences, driveways or swimming pools for jobs considered maintenance/repair

- owner

990940 Same as 990930 - owned vacation home  
990950 Contractors' labor and material costs, and cost of supplies rented for dwellings and additions being built - other properties

## B. INCOME AND RELATED UCCS ON ITBI FILE

001000 Purchase price of stocks, bonds, or mutual funds including broker fees  
\*L 001010 Sale price of stocks, bonds, and mutual funds, net  
001210 Investments to farm or business  
\*L 001220 Assets taken from farm and business  
\*L 002010 Change in savings account  
\*L 002020 Change in checking account  
\*L 002030 Change in amount held in U.S. savings bonds  
\*L 003000 Change in money owed to CU  
\*L 003100 Amount received in settlement on surrender of insurance policies  
800910 Payroll deductions for government retirement  
800920 Payroll deductions for railroad retirement  
800931 Payroll deductions for private pensions  
800932 Non-payroll deposit to individual retirement plan  
800940 Payroll deductions for Social Security  
900000 Wages and salaries  
\*L 900010 Net business income  
\*L 900020 Net farm income  
900030 Social Security and railroad retirement income  
900040 Pensions and annuities  
900050 Dividends, royalties, estates or trusts  
\*L 900060 Income from roomers and boarders  
\*L 900070 Other rental income  
900080 Interest from savings accounts or bonds  
900090 Supplemental security income  
900100 Unemployment compensation  
900110 Workers' compensation and veterans payments including education  
900120 Public assistance or welfare including money received from job training grants such as Job Corps  
900131 Child support payments received (regular)  
900132 Other regular contributions received including alimony  
900140 Other income including money received from care of foster children, cash scholarships and fellowships or stipends not based on working  
900150 Food stamps  
910000 Lump sum payments from estates, trusts, royalties, alimony, child support, prizes or games of chance or from persons outside CU  
910010 Money from sale of household furnishings, equipment, clothing, jewelry, pets or other belongings, excluding the sale of vehicles or property  
910020 Overpayment on Social Security  
910030 Refund from insurance policies  
910040 Refunds from property taxes  
910041 Lump sum child support payments received  
920010 Market value of savings accounts  
920020 Market value of checking accounts, brokerage accounts and other similar accounts  
920030 Market value of U.S. savings bonds  
920040 Market value of stocks, bonds, mutual funds and other such securities  
950000 Federal income tax

- \*L 950001 Federal income tax refunds
- 950010 State and local income tax
- \*L 950011 State and local income tax refunds
- 950021 Other taxes
- 950022 Personal property taxes
- \*L 950023 Other tax refunds
- \*L 980000 Income before taxes
- 980010 Family size
- 980020 Age of reference person
- 980030 Number of earners
- 980040 Number of vehicles
- 980050 Number of persons under 18
- 980060 Number of persons 65 and over
- \*L 980070 Income after taxes
- 980090 Percent homeowner
- 980210 Percent male reference person
- 980220 Percent female reference person
- 980230 Percent homeowner with mortgage
- 980240 Percent homeowner without mortgage
- 980250 Percent homeowner, mortgage not reported
- 980260 Percent renter
- 980270 Percent black reference person
- 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. This aggregation scheme may also be found on our website at [www.bls.gov\cex](http://www.bls.gov\cex). New and used aircraft purchases are not on the microdata files for confidentiality reasons. They are included in the published CE tables so transportation estimates based on these data may vary slightly from BLS published tables.

## XV.APPENDIX 4 -- FMLI AND MEMI VARIABLES ORDERED BY START POSITION

This appendix lists FMLI and MEMI variables in the order that they appear on the files. Sections III.F.1. CONSUMER UNIT (CU) CHARACTERISTICS AND INCOME FILE (FMLI) and III.F.2. MEMBER

CHARACTERISTICS AND INCOME (MEMI) FILE contain detailed descriptions of these variables arranged on a functional basis.

## A. FMLI FILE

Variable	Start Position	Variable	Start Position	Variable	Start Position
NEWID	1	COMPOWD_	175	FINDRETX	313
DIRACC	9	COMPOWDX	176	FIND_ETX	321
DIRACC_	10	COMP_WDX	184	D041FININCX	322
AGE_REF	11	COMPSAV	185	D041FININCX_	330
AGE_REF_	13	COMPSAV_	186	FINLWT21	331
AGE2	14	COMPSAVX	187	D041FJSSDEDX	342
AGE2_	16	COMP_AVX	195	D041FJSS_EDX	350
AS_COMP1	26	COMPSEC	196	D041FNONFRMX	351
AS_C_MP1	28	COMPSEC_	197	D041FNON_RMX	360
AS_COMP2	29	COMPSECX	198	D041FPRI彭NX	361
AS_C_MP2	31	COMP_ECX	206	D041FPRI_ENX	369
AS_COMP3	32	CUTENURE	216	D041FRRDEDX	370
AS_C_MP3	34	CUTE_URE	217	D041FRRDEDX_	378
AS_COMP4	35	EARNCOMP	221	D041FRRETIRX	379
AS_C_MP4	37	EARN_OMP	222	D041FRRE_IRX	387
AS_COMP5	38	D041EARNINCX	223	D041FSALARYX	388
AS_C_MP5	40	D041EARN_NCX	232	D041FSAL_RYX	396
BATHRMQ	41	EDUC_REF	233	D041FSLTAXX	397
BATHRMQ_	44	EDUC0REF	235	D041FSLTAXX_	405
BEDROOMQ	45	EDUCA2	236	D041FSSIX	406
BEDR_OMQ	48	EDUCA2_	238	D041FSSIX_	414
BLS_URBN	49	FAM_SIZE	242	GOVTCOST	421
BSINVSTX	50	FAM_IZE	244	GOVT_OST	422
BSIN_STX	60	FAM_TYPE	245	HLFBATHQ	423
BUILDING	61	FAM_YPE	246	HLFB_THQ	426
BUIL_ING	63	D041FAMTFEDX	247	INC_HRS1	427
CKBKACTX	85	D041FAMT_EDX	255	INC_RS1	430
CKBK_CTX	95	FEDRFNDX	256	INC_HRS2	431
COMPBND	143	FEDR_NDX	264	INC_RS2	434
COMPBND_	144	FEDTAXX	265	D041INC_RANK	435
COMPBNDX	145	FEDTAXX_	273	D041INC_ANK	445
COMP_NDX	153	D041FFRMINCX	274	D041INC_RNKU	446
COMPCKG	154	D041FFRM_NCX	283	D041INC_NKU	455
COMPCKG_	155	D041FGOVRETX	284	D041INCLOSSA	456
COMPCKGX	156	D041FGOV_ETX	292	D041INCL_SSA	464
COMP_KGX	164	D041FINCATA	293	D041INCLOSSB	465
D041COMPENSX	165	D041FINCAT_X	302	D041INCL_SSB	473
D041COMP_NSX	173	D041FINCBTAX	303	INCNONW1	474
COMPOWD	174	D041FINCBT_X	312	INCN_NW1	475

Variable	Start Position	Variable	Start Position	Variable	Start Position
INCNONW2	476	PTAXRFDX	643	USBNDX_	808
INCN_NW2	477	PTAX_FDX	651	VEHQ	809
INCOMEY1	478	PUBLHOUS	652	VEHQ_	811
INCO_EY1	479	PUBL_OUS	653	WDBSASTX	812
INCOMEY2	480	PURSSECX	654	WDBS_STX	822
INCO_EY2	481	PURS_ECX	662	WDBSGDSX	823
INCWEEK1	482	QINTRVMO	663	WDBS_DSX	831
INCW_EK1	484	QINTRVYR	665	D041WELFAREX	832
INCWEEK2	485	RACE2	669	D041WELF_REX	840
INCW_EK2	487	RACE2_	670	WTREP01	841
INSRFNDX	488	REF_RACE	671	WTREP02	852
INSR_NDX	496	REF_ACE	672	WTREP03	863
D041INTEARNX	497	REGION	673	WTREP04	874
D041INTE_RNX	505	RENTEQVX	674	WTREP05	885
MISCTAXX	515	RENT_QVX	680	WTREP06	896
MISC_AXA	523	RESPSTAT	681	WTREP07	907
LOT_SIZE	524	RESP_TAT	682	WTREP08	918
LOT_IZE	526	ROOMSQ	683	WTREP09	929
LUMPSUMX	527	ROOMSQ_	686	WTREP10	940
LUMP_UMX	535	SALEINCX	687	WTREP11	951
MARITAL1	536	SALE_NCX	695	WTREP12	962
MARI_AL1	537	SAVACCTX	696	WTREP13	973
MONYOWDX	547	SAVA_CTX	706	WTREP14	984
MONY_WDX	555	SECESTX	707	WTREP15	995
NO_EARNR	556	SECESTX_	717	WTREP16	1006
NO_E_RNR	558	SELLSECX	718	WTREP17	1017
D041NO_EARNX	559	SELL_ECX	728	WTREP18	1028
D041NO_E_RNX	568	SETLINSX	729	WTREP19	1039
NONINCMX	572	SETL_NSX	737	WTREP20	1050
NONI_CMX	580	SEX_REF	738	WTREP21	1061
NUM_AUTO	581	SEX_REF_	739	WTREP22	1072
NUM_UTO	583	SEX2	740	WTREP23	1083
OCCUCOD1	593	SEX2_	741	WTREP24	1094
OCCU_OD1	595	SLOCTAXX	742	WTREP25	1105
OCCUCOD2	596	SLOC_AXA	750	WTREP26	1116
OCCU_OD2	598	SLRFUNDX	751	WTREP27	1127
OTHRFNDX	606	SLRF_NDX	759	WTREP28	1138
OTHR_NDX	614	SMSASTAT	760	WTREP29	1149
D041OTHRINCX	615	SSOVERPX	761	WTREP30	1160
D041OTHR_NCX	623	SSOV_RPX	769	WTREP31	1171
D041PENSIONX	624	ST_HOUS	770	WTREP32	1182
D041PENS_ONX	632	ST_HOUS_	771	WTREP33	1193
PERSLT18	633	TAXPROPX	772	WTREP34	1204
PERS_T18	635	TAXP_OPX	780	WTREP35	1215
PERSOT64	636	D041TOTTXPDX	781	WTREP36	1226
PERS_T64	638	D041TOTT_PDX	790	WTREP37	1237
POPSIZE	639	D041UNEMPLX	791	WTREP38	1248
PRINEARN	640	D041UNEMPLX_	799	WTREP39	1259
PRIN_ARN	642	USBNDX	800	WTREP40	1270

Variable	Start Position	Variable	Start Position	Variable	Start Position
WTREP41	1281	OTHFLSCQ	1865	TRANSPQ	2453
WTREP42	1292	TELEPHPQ	1877	TRANSCQ	2465
WTREP43	1303	TELEPHCQ	1889	CARTKNPQ	2477
WTREP44	1314	WATRPSPQ	1901	CARTKNCQ	2489
TOTEXPPQ	1325	WATRPSCQ	1913	CARTKUPQ	2501
TOTEXPCQ	1337	HOUSOPPQ	1925	CARTKUCQ	2513
FOODPQ	1349	HOUSOPCQ	1937	OTHVEHPQ	2525
FOODCQ	1361	DOMSRVPQ	1949	OTHVEHCQ	2537
FDHOMEHQ	1373	DOMSRVCQ	1961	GASMOPQ	2549
FDHOMEQC	1385	DMSXCCPQ	1973	GASMOCQ	2561
FDAWAYPQ	1397	DMSXCCCQ	1985	VEHFINPQ	2573
FDAWAYCQ	1409	BBYDAYPQ	1997	VEHFINCQ	2585
FDXMAPPQ	1421	BBYDAYCQ	2009	MAINRPPQ	2597
FDXMAPCQ	1433	OTHHEXPQ	2021	MAINRPCQ	2609
FDMAPPQ	1445	OTHHEXCQ	2033	VEHINSPQ	2621
FDMAPCQ	1457	HOUSEQPQ	2045	VEHINSCQ	2633
ALCBEVHQ	1469	HOUSEQCQ	2057	VRNTLOPQ	2645
ALCBEVCQ	1481	TEXTILPQ	2069	VRNTLOCQ	2657
HOUSPQ	1493	TEXTILCQ	2081	PUBTRAPQ	2669
HOUSCQ	1505	FURNTRPQ	2093	PUBTRACQ	2681
SHELTPQ	1517	FURNTRCQ	2105	TRNTRPPQ	2693
SHELTCQ	1529	FLRCVRPQ	2117	TRNTRPCQ	2705
OWNDWEHQ	1541	FLRCVRCQ	2129	TRNOTHPQ	2717
OWNDWECQ	1553	MAJAPPPQ	2141	TRNOTHCQ	2729
MRTINTPQ	1565	MAJAPPCQ	2153	HEALTHPQ	2741
MRTINTCQ	1577	SMLAPPPQ	2165	HEALTHCQ	2753
PROPTXPQ	1589	SMLAPPCQ	2177	HLTHINPQ	2765
PROPTXCQ	1601	MISCEQPQ	2189	HLTHINCQ	2777
MRPINSPQ	1613	MISCEQCQ	2201	MEDSRVPQ	2789
MRPINSCQ	1625	APPARPQ	2213	MEDSRVCQ	2801
RENDWEHQ	1637	APPARCQ	2225	PREDRGHQ	2813
RENDWECQ	1649	MENBOYPQ	2237	PREDRGHQ	2825
RNTXRPPQ	1661	MENBOYCQ	2249	MEDSUPPQ	2837
RNTXRPCQ	1673	MENSIXPQ	2261	MEDSUPCQ	2849
RNTAPYPQ	1685	MENSIXCQ	2273	ENTERTPQ	2861
RNTAPCQ	1697	BOYFIFPQ	2285	ENTERTCQ	2873
OTHLODPQ	1709	BOYFIFCQ	2297	FEEADMPQ	2885
OTHLODCQ	1721	WOMGRLPQ	2309	FEEADMHQ	2897
UTILPQ	1733	WOMGRLCQ	2321	TVRDIOHQ	2909
UTILCQ	1745	WOMSIXPQ	2333	TVRDIOCQ	2921
NTLGASPPQ	1757	WOMSIXCQ	2345	OTHEQPPQ	2933
NTLGASCQ	1769	GRLFIFPQ	2357	OTHEQPCQ	2945
ELCTRCPQ	1781	GRLFIFCQ	2369	PETTOYPQ	2957
ELCTRCCQ	1793	CHLDRNPQ	2381	PETTOYCQ	2969
ALLFULPQ	1805	CHLDRNCQ	2393	OTHENTPQ	2981
ALLFULCQ	1817	FOOTWRPQ	2405	OTHENTCQ	2993
FULOILPQ	1829	FOOTWRCQ	2417	PERSCAPQ	3005
FULOILCQ	1841	OTHAPLPQ	2429	PERSCACQ	3017
OTHFLSPQ	1853	OTHAPLCQ	2441	READPQ	3029

Variable	Start Position	Variable	Start Position	Variable	Start Position
READCQ	3041	D041ALIOTHX_	3346	TTRANPRP	3582
EDUCAPQ	3053	CHDLMPX	3347	TTRANPRC	3592
EDUCACQ	3065	CHDLMPX_	3355	TGASMOTP	3602
TOBACCPQ	3077	D041ERANKMTH	3356	TGASMOTC	3612
TOBACCCQ	3089	D041ERAN_MTH	3367	TVRENTLP	3622
MISCPQ	3101	D041ERANKH	3368	TVRENTLC	3632
MISCCQ	3113	D041ERANKH_	3377	TCARTRKP	3642
MISC1PQ	3125	D041ERANKUH	3378	TCARTRKC	3652
MISC1CQ	3137	D041ERANKUH_	3386	TOTHVHRP	3662
MISC2PQ	3149	TOTEX4PQ	3387	TOTHVHRC	3672
MISC2CQ	3161	TOTEX4CQ	3399	TOTHTREP	3682
CASHCOPQ	3173	MISCX4PQ	3411	TOTHTRREC	3692
CASHCOCQ	3185	MISCX4CQ	3423	TTRNTRIP	3702
PERINSPQ	3197	CUINCOME	3435	TTRNTRIC	3712
PERINSCQ	3209	CUIN_OME	3437	TFAREP	3722
LIFINSPQ	3221	RECORDS	3438	TFAREC	3732
LIFINSCQ	3233	RECORDS_	3439	TAIRFARP	3742
RETPENPQ	3245	TYPEREC1	3440	TAIRFARC	3752
RETPENCQ	3257	TYPE_EC1	3441	TOTHFARP	3762
HH_CU_Q	3269	TYPEREC2	3442	TOTHFARC	3772
HH_CU_Q_	3271	TYPE_EC2	3443	TLOCALTP	3782
HHID	3272	TYPEREC3	3444	TLOCALTC	3792
HHID_	3275	TYPE_EC3	3445	TENTRMNP	3802
D041POV_CY	3276	TYPEREC4	3446	TENTRMNC	3812
D041POV_CY_	3277	TYPE_EC4	3447	TFEESADP	3822
D041POV_PY	3278	TYPEREC5	3448	TFEESADC	3832
D041POV_PY_	3279	TYPE_EC5	3449	TOTHENTP	3842
HEATFUEL	3292	TYPEREC6	3450	TOTHENTC	3852
HEAT_UEL	3294	TYPE_EC6	3451	OWNVACP	3862
SWIMPOOL	3298	TYPEREC7	3452	OWNVACC	3872
SWIM_OOL	3300	TYPE_EC7	3453	VOTHRLOP	3882
WATERHT	3307	TYPEREC8	3454	VOTHRLOC	3892
WATERHT_	3309	TYPE_EC8	3455	VMISCHEP	3902
APTMENT	3310	VEHQL	3456	VMISCHEC	3912
APTMENT_	3312	VEHQL_	3458	UTILONP	3922
OFSTPARK	3313	NUM_TVAN	3459	UTILONC	3932
OFST_ARK	3315	NUM__VAN	3461	VFUELOIP	3942
WINDOWAC	3316	TTOTALP	3462	VFUELOIC	3952
WIND_WAC	3318	TTOTALC	3472	VOTHRLFP	3962
CNTRALAC	3319	TFOODTOP	3482	VOTHRLFC	3972
CNTR_LAC	3321	TFOODTOC	3492	VELECTRP	3982
CHILDAGE	3322	TFOODAWP	3502	VELECTRC	3992
CHIL_AGE	3323	TFOODAWC	3512	VNATLGAP	4002
INCLASS	3324	TFOODHOP	3522	VNATLGAC	4012
STATE	3326	TFOODHOC	3532	VWATERPP	4022
STATE_	3328	TALCB EVP	3542	VWATERPC	4032
D041CHDOTHX	3329	TALCB EVC	3552	MRTPRNOP	4042
D041CHDOTHX_	3337	TOTHRLOP	3562	MRTPRNOC	4052
D041ALIOTHX	3338	TOTHRLOC	3572	UTILRntp	4062

Variable	Start Position	Variable	Start Position	Variable	Start Position
UTILRNTC	4072	ENOMOTRP	4506	INCL_SBB	4706
RFUELOIP	4082	ENOMOTRC	4516	INCLSBBX	4707
RFUELOIC	4092	EMOTRVHP	4526	INCL_BBX	4713
ROTHRFLP	4102	EMOTRVHC	4536	CHDLMPB	4714
ROTHRFLC	4112	EENTMSCP	4546	CHDLMPB_	4716
RELECTRP	4122	EENTMSCC	4556	CHDLMPBX	4717
RELECTRC	4132	EMISCELP	4566	CHDL_PBX	4723
RNATLGAP	4142	EMISCELC	4576	CHDOTHB	4724
RNATLGAC	4152	EMISCMTP	4586	CHDOTHB_	4726
RWATERPP	4162	EMISCMTC	4596	CHDOTHBX	4727
RWATERPC	4172	UNISTRQ	4606	CHDO_HBX	4733
POVLEVCY	4182	UNISTRQ_	4608	ALIOTHB	4734
POVL_VCY	4190	YRBUILT	4609	ALIOTHB_	4736
POVLEVPY	4191	YRBUILT_	4613	ALIOTHBX	4737
POVL_VPY	4199	INTEARNB	4614	ALIO_HBX	4743
COOKING	4200	INTE_RNB	4616	LUMPSUMB	4744
COOKING_	4202	INTERNBX	4617	LUMP_UMB	4746
PORCH	4203	INTE_NBX	4623	LMPSUMBX	4747
PORCH_	4205	FININCB	4624	LMPS_MBX	4753
ETOTALP	4206	FININCB_	4626	SALEINCB	4754
ETOTALC	4216	FININCBX	4627	SALE_NCB	4756
ETOTAPX4	4226	FINI_CBX	4633	SALINCBX	4757
ETOTACX4	4236	PENSIONB	4634	SALI_CBX	4763
EHOUSNGP	4246	PENS_ONB	4636	OTHRINCB	4764
EHOUSNGC	4256	PNSIONBX	4637	OTHR_NCB	4766
ESHELTRP	4266	PNSI_NBX	4643	OTRINCBX	4767
ESHELTRC	4276	UNEMPLB	4644	OTRI_CBX	4773
EOWNDWLP	4286	UNEMPLB_	4646	INCLASS2	4774
EOWNDWLC	4296	UNEMPLBX	4647	INCL_SS2	4775
EOTHLODP	4306	UNEM_LBX	4653	CUID	4776
EOTHLODC	4316	COMPENSB	4654	INTERI	4783
EMRTPNOP	4326	COMP_NSB	4656	HORREF1	4784
EMRTPNOC	4336	COMPNSBX	4657	HORREF1_	4785
EMRTPNVP	4346	COMP_SBX	4663	HORREF2	4786
EMRTPNVC	4356	WELFAREB	4664	HORREF2_	4787
ETRANPTP	4366	WELF_REB	4666	N041ALIOTHXM	4788
ETRANPTC	4376	WELFREBX	4667	N041ALIO_HXM	4798
EVEHPURP	4386	WELF_EBX	4673	N041ALIOTHX1	4799
EVEHPURC	4396	D041FOODSMPX	4677	N041ALIOTHX2	4807
ECARTKNP	4406	D041FOOD_MPX	4683	N041ALIOTHX3	4815
ECARTKNC	4416	FOODSMPB	4684	N041ALIOTHX4	4823
ECARTKUP	4426	FOOD_MPB	4686	N041ALIOTHX5	4831
ECARTKUC	4436	FOODSPBX	4687	N041ALIOTHXI	4839
EOTHVEHP	4446	FOOD_PBX	4693	N041CHDOTHXM	4842
EOTHVEHC	4456	INCLOSAB	4694	N041CHDO_HXM	4852
EENTRMTP	4466	INCL_SAB	4696	N041CHDOTHX1	4853
EENTRMTC	4476	INCLSABX	4697	N041CHDOTHX2	4861
EOTHENTP	4486	INCL_ABX	4703	N041CHDOTHX3	4869
EOTHENTC	4496	INCLOSBB	4704	N041CHDOTHX4	4877

Variable	Start Position	Variable	Start Position	Variable	Start Position
N041CHDOTHX5	4885	N041FININCX2	5224	N041FSLT_XXM	5560
N041CHDOTHXI	4893	N041FININCX3	5232	N041FSLTAXX1	5561
N041COMPENSM	4896	N041FININCX4	5240	N041FSLTAXX2	5569
N041COMP_NSM	4906	N041FININCX5	5248	N041FSLTAXX3	5577
N041COMPENS1	4907	N041FININCXI	5256	N041FSLTAXX4	5585
N041COMPENS2	4915	N041FJSSDEDM	5259	N041FSLTAXX5	5593
N041COMPENS3	4923	N041FJSS_EDM	5269	N041FSSIXM	5601
N041COMPENS4	4931	N041FJSSDED1	5270	N041FSSIXM_	5611
N041COMPENS5	4939	N041FJSSDED2	5278	N041FSSIX1	5612
N041COMPENSI	4947	N041FJSSDED3	5286	N041FSSIX2	5620
N041ERANKHM	4950	N041FJSSDED4	5294	N041FSSIX3	5628
N041ERANKHM_	4959	N041FJSSDED5	5302	N041FSSIX4	5636
N041ERNKMTHM	4960	N041FNONFRMM	5310	N041FSSIX5	5644
N041ERNK_THM	4973	N041FNON_RMM	5321	N041FSSIXI	5652
N041FAMTFEDM	4974	N041FNONFRM1	5322	N041INC_RNKM	5655
N041FAMT_EDM	4983	N041FNONFRM2	5331	N041INC_NKM	5664
N041FAMTFED1	4984	N041FNONFRM3	5340	N041INC_RNK1	5665
N041FAMTFED2	4992	N041FNONFRM4	5349	N041INC_RNK2	5674
N041FAMTFED3	5000	N041FNONFRM5	5358	N041INC_RNK3	5683
N041FAMTFED4	5008	N041FNONFRMI	5367	N041INC_RNK4	5692
N041FAMTFED5	5016	N041FOODSMPM	5370	N041INC_RNK5	5701
N041FFRMINCM	5024	N041FOOD_MPM	5380	N041INCLOSAM	5710
N041FFRM_NCM	5035	N041FOODSMP1	5381	N041INCL_SAM	5721
N041FFRMINC1	5036	N041FOODSMP2	5389	N041INCLOSA1	5722
N041FFRMINC2	5044	N041FOODSMP3	5397	N041INCLOSA2	5731
N041FFRMINC3	5052	N041FOODSMP4	5405	N041INCLOSA3	5740
N041FFRMINC4	5060	N041FOODSMP5	5413	N041INCLOSA4	5749
N041FFRMINC5	5068	N041FOODSMPI	5421	N041INCLOSA5	5758
N041FFRMINCI	5076	N041FPRIPENM	5424	N041INCLOSAI	5767
N041FGOVRETM	5079	N041FPRI_ENM	5432	N041INCLOSBM	5770
N041FGOV_ETM	5087	N041FRRDEDM	5433	N041INCL_SBM	5781
N041FINCATXM	5088	N041FRRDEDM_	5441	N041INCLOSB1	5782
N041FINCA_XM	5099	N041FRRETIRM	5442	N041INCLOSB2	5791
N041FINCATX1	5100	N041FRRE_IJM	5452	N041INCLOSB3	5800
N041FINCATX2	5109	N041FRRETIR1	5453	N041INCLOSB4	5809
N041FINCATX3	5118	N041FRRETIR2	5461	N041INCLOSB5	5818
N041FINCATX4	5127	N041FRRETIR3	5469	N041INCLOSB1	5827
N041FINCATX5	5136	N041FRRETIR4	5477	N041INTEARNM	5830
N041FINCBTXM	5145	N041FRRETIR5	5485	N041INTE_RNM	5840
N041FINCB_XM	5156	N041FRRETIRI	5493	N041INTEARN1	5841
N041FINCBTX1	5157	N041FSALARYM	5496	N041INTEARN2	5849
N041FINCBTX2	5166	N041FSAL_RYM	5506	N041INTEARN3	5857
N041FINCBTX3	5175	N041FSALARY1	5507	N041INTEARN4	5865
N041FINCBTX4	5184	N041FSALARY2	5515	N041INTEARN5	5873
N041FINCBTX5	5193	N041FSALARY3	5523	N041INTEARNI	5881
N041FINCBTXI	5202	N041FSALARY4	5531	N041OTHRINCM	5884
N041FININCXM	5205	N041FSALARY5	5539	N041OTHR_NCM	5894
N041FINI_CXM	5215	N041FSALARYI	5547	N041OTHRINC1	5895
N041FININCX1	5216	N041FSLTAXXM	5550	N041OTHRINC2	5903

Variable	Start Position	Variable	Start Position	Variable	Start Position
N041OTHRINC3	5911	N041POV_PYM	5999	N041TOTTXPD4	6058
N041OTHRINC4	5919	N041POV_P_M	6000	N041TOTTXPD5	6067
N041OTHRINC5	5927	N041POV_PY1	6001	N041UNEMPLXM	6076
N041OTHRINCI	5935	N041POV_PY2	6002	N041UNEM_LXM	6086
N041PENSIONM	5938	N041POV_PY3	6003	N041UNEMPLX1	6087
N041PENS_ONM	5948	N041POV_PY4	6004	N041UNEMPLX2	6095
N041PENSION1	5949	N041POV_PY5	6005	N041UNEMPLX3	6103
N041PENSION2	5957	N041PRINERNM	6006	N041UNEMPLX4	6111
N041PENSION3	5965	N041PRIN_RNM	6008	N041UNEMPLX5	6119
N041PENSION4	5973	N041PRINERN1	6009	N041UNEMPLXI	6127
N041PENSION5	5981	N041PRINERN2	6011	N041WELFAREM	6130
N041PENSIONI	5989	N041PRINERN3	6013	N041WELF_REM	6140
N041POV_CYM	5992	N041PRINERN4	6015	N041WELFARE1	6141
N041POV_C_M	5993	N041PRINERN5	6017	N041WELFARE2	6149
N041POV_CY1	5994	N041TOTTXPDM	6019	N041WELFARE3	6157
N041POV_CY2	5995	N041TOTT_PDM	6030	N041WELFARE4	6165
N041POV_CY3	5996	N041TOTTXPD1	6031	N041WELFARE5	6173
N041POV_CY4	5997	N041TOTTXPD2	6040	N041WELFAREI	6181
N041POV_CY5	5998	N041TOTTXPD3	6049		

## B. MEMI FILE

Variable	Start Position	Variable	Start Position	Variable	Start Position
NEWID	1	INCORP	124	D041SSIX_	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
D041ANFEDTX	21	INDRETX_	139	SALARYBX	265
D041ANFEDTX_	29	D041JSSDEDX	140	SALA_YBX	271
D041ANGOVRTX	30	D041JSSDEDX_	146	NONFARMB	272
D041ANGO_RTX	38	MARITAL	147	NONF_RMB	274
D041ANPRVPNX	39	MEDICOV	149	NONFRMBX	275
D041ANPR_PNX	47	MEDICOV_	150	NONF_MBX	281
D041ANRRDEDX	48	MEMINO	151	FARMINCB	282
D041ANRR_EDX	56	NFRMLOSS	153	FARM_NCB	284
D041ANSLTX	57	NFRM_OSS	154	FRMINCBX	285
D041ANSLTX_	65	D041NONFARMX	155	FRMI_CBX	291
ARM_FORC	66	D041NONF_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	RRRDEDX	185	HISPANIC	313
EMPL_ONT	78	RRRDEDX_	193	HISP_NIC	314
D041FARMINCX	79	D041RRRETIRX	194	MEMIRACE	315
D041FARM_NCX	89	D041RRRE_IRX	202	RC_WHITE	316
FARMLOSS	90	D041SALARYX	203	RC_W_ITE	317
FARM_OSS	91	D041SALARYX_	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	D041SLFEMPSS	223	R_PACIL	324
INC_HRSQ	114	D041SLFE_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	D041SOCRRX	239	RC_DK	328
INCNONWK	120	D041SOCRRX_	247	RC_DK_	329
INCN_NWK	121	SS_RRQ	248	ASIAN	330
INCOMEY	122	SS_RRQ_	250	ASIAN_	331
INCOMEY_	123	D041SSIX	251	N041ANFEDTXM	332

N041ANFE_TXM	340	N041SLFE_PSM	642
N041ANGOVRTM	341	N041SLFEMPS1	643
N041ANGO_RTM	349	N041SLFEMPS2	651
N041ANPRVPNM	350	N041SLFEMPS3	659
N041ANPR_PNM	358	N041SLFEMPS4	667
N041ANRRDEDM	359	N041SLFEMPS5	675
N041ANRR_EDM	367	N041SOCRRXM	683
N041ANSLTXM	368	N041SOCRRXM_	691
N041ANSLTXM_	376	N041SOCRRX1	692
N041FARMINCM	377	N041SOCRRX2	700
N041FARM_NCM	385	N041SOCRRX3	708
N041FARMINC1	386	N041SOCRRX4	716
N041FARMINC2	394	N041SOCRRX5	724
N041FARMINC3	402	N041SSIXM	732
N041FARMINC4	410	N041SSIXM_	740
N041FARMINC5	418	N041SSIX1	741
N041FARMINCI	426	N041SSIX2	749
N041JSSDEDXM	429	N041SSIX3	757
N041JSSD_DXM	437	N041SSIX4	765
N041JSSDEDX1	438	N041SSIX5	773
N041JSSDEDX2	446	N041SSIXI	781
N041JSSDEDX3	454		
N041JSSDEDX4	462		
N041JSSDEDX5	470		
N041NONFARMM	478		
N041NONF_RMM	486		
N041NONFARM1	487		
N041NONFARM2	495		
N041NONFARM3	503		
N041NONFARM4	511		
N041NONFARM5	519		
N041NONFARMI	527		
N041RRRETIRM	530		
N041RRRE_IRM	538		
N041RRRETIR1	539		
N041RRRETIR2	547		
N041RRRETIR3	555		
N041RRRETIR4	563		
N041RRRETIR5	571		
N041RRRETIRI	579		
N041SALARYXM	582		
N041SALA_YXM	590		
N041SALARYX1	591		
N041SALARYX2	599		
N041SALARYX3	607		
N041SALARYX4	615		
N041SALARYX5	623		
N041SALARYXI	631		
N041SLFEMPSM	634		

### **C. ITBI\_IMPUTED**

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. Bulletins may be purchased from the Chicago regional sales center, from the U.S. Government Printing Office, Washington D.C., 20402, or from National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22161. To place a telephone order with National Technical Information Service, call (703)-487-4650, or for a rush order, call 1(800)-553-NTIS.

Consumer Expenditures in 2003, (expected in 2005)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditures in 2002, Report 974 (2004)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditure Survey Anthology, Report 967 (2003)	A collection of analytical and methodological articles using Consumer Expenditure Survey data.
Consumer Expenditures in 2001, Report 966 (2003)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables. Available on request (202)691-6900.
Consumer Expenditure Survey, 2000- 2001, Report 969 (2003)	Consumer unit income and expenditures, integrated data from Interview and Diary Surveys, classified by consumer unit characteristics: one way and cross tabulations, relative and aggregate shares. 64 tables.
Consumer Expenditures in 2000, Report 958 (2002)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables. Available on request (202)691-6900.
Consumer Expenditure Survey, 1998- 99, Report 955	Consumer unit income and expenditures, integrated data from Interview and Diary Surveys, classified by consumer unit characteristics: one way and cross tabulations, relative and aggregate shares. 64 tables.
Consumer Expenditures in 1999, Report 949 (2001)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables. Available on request (202)691-6900.
Consumer Expenditures in 1998, Report 940 (2000)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables. Available on request (202)691-6900.

For information on the availability of prior publications, please contact us at (202)691-6900 or e-mail us at CEXinfo@bls.gov.

## **CONSUMER EXPENDITURE SURVEY DATA ON THE INTERNET**

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 1984-2004  
*Expenditure Shares Tables* from 1998-2004  
*Aggregate Expenditure Shares Tables* from 1998-2004

### **Two Year Tables**

*Cross-Tabulated Tables* from 1986-2004  
*Metropolitan Statistical Area Tables* from 1986-2004  
*Region Tables* from 1998-2004  
*High Income Tables* from 1998-2004  
*Multi-Year Tables* for 1984-1992 and 1994-2004

## **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 1994-2004. The 1980-81 through 2004 releases contain Interview and Diary data, while the 1972-73 CD includes Interview data only. The 1980-81, and the 1990 files (of the 1990-91 CD) include selected EXPN data, while the 1991 files (from the 1990-91 CD) and the 1992-93 CD do not. In addition to the Interview and Diary data, the CDs from 1994-2004 include the complete collection of EXPN files. A 1984-94 "multi-year" CD that presents Interview FMLI file data is also available. In addition to the microdata, the 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/csxmlmicro.htm>

## **STATE CODES ON DISKETTE**

State codes from 1982 to 1993 are available on diskette for the Interview Survey. The diskettes contain the variables NEWID and STATE, thus enabling the microdata user to identify the states in which consumer units reside. Caution should be exercised when analysis is done by state, due to the composition of some PSUs. PSUs in some state border areas may not be unique to one state, but may contain CUs from two or more states. (See Section X.D. STATE IDENTIFIER.) Also, because of nondisclosure requirements STATE has been suppressed for some sampled CUs. (See Section IV.A. CU

CHARACTERISTICS AND INCOME FILE (FMLI.)) 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.