2005 CONSUMER EXPENDITURE INTERVIEW SURVEY
PUBLIC USE MICRODATA
DOCUMENTATION

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

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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 2005 and the first quarter of 2006. The Interview survey collects data on up to 95 percent of total household expenditures. In addition to the FMLY, MEMB, MTAB, and ITAB_IMPUTE files, the microdata include files created directly from the expenditure sections of the Interview survey (EXPN files). The EXPN files contain expenditure data and ancillary descriptive information, often not available on the FMLY or MTAB files, in a format similar to the Interview questionnaire. In addition to the extra information available on the EXPN files, users can identify distinct spending categories easily and reduce processing time due to the organization of the files by type of expenditure.

Estimates of average expenditures in 2005 from the Interview Survey, integrated with data from the Diary Survey, will be published in the report *Consumer Expenditures in 2005* (due out in 2007). 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, 2005."

II. CHANGES FROM THE 2004 MICRODATA FILES

A. FMLY File

1. Variable Deletions

Beginning in 2005Q1, data for the following variable will no longer be recorded. The position for this deleted variable will be left blank.

Name	Start Position	Format
STATE_	3328	CHAR(1)

2. Summary Variable Changes

Beginning in 2005Q2, the following summary variables will have the following UCC content changes:

DMSXCCPQ
UCC deletions: 340915

OTHFLSPQ
UCC deletions: 250221, 250222, 250223, 250224, 250901, 250902, 250903, 250904
UCC additions: 250911, 250912, 250913, 250914

OTHHEXPQ
UCC additions: 340915 690116

MISCEQPQ
UCC deletions: 690220
UCC additions: 690115

MAINRPPQ
UCC deletions: 490502
UCC additions: 480212, 480215

VRNTLOPQ
UCC additions: 520541, 520560

HLTHINPQ
UCC additions: 580400

MEDSRVPQ
UCC deletions: 570110, 570210
UCC additions: 570111

TVRDIOPQ
UCC deletions: 310110, 310120, 310130, 310341, 310342
UCC additions: 310140, 310240, 310340, 310314, 310350

OTHENTPQ
UCC additions: 620930

READPQ
UCC deletions: 590111, 590112, 590211, 590212
UCC additions: 590310, 590410

MISC1PQ
UCC additions: 680904

EENTMSCP
UCC additions: 620930

B. MEMB File

There were no changes to the MEMB file this year.

C. MTAB File

1. UCC Deletions

Beginning in 2005Q2, the following UCCs will be deleted from the MTAB file:

UCC	Title
250221	Coal – renter
250222	Coal – owned dwelling
250223	Coal – owned vacation property

UCC	Title
250224	Coal – rented vacation property
250901	Wood/ Kerosene/ Other fuels – renter
250902	Wood/ Kerosene/ Other fuels – owned dwelling
250903	Wood/ Kerosene/ Other fuels – owned vacation property
250904	Wood/ Kerosene/ Other fuels – rented vacation property
310110	Black and white TV
310120	Color RV – console
310130	Color TV portable/ table model
310341	Record/tape/CD/video mail order club
310342	Records, CD's, audio tapes, needles
490502	Vehicle audio equipment including labor
570110	Hospital room
570210	Hospital service other than room
590111	Newspaper subscriptions
590112	Newspapers, non-subscription
590211	Magazine subscriptions
590212	Magazines, non-subscription
690220	Calculators

2. UCC Additions

Beginning in 2005Q2, the following UCCs will be added to the MTAB file:

UCC	Title
250911	Other fuels – renter
250912	Other fuels – owned dwelling
250913	Other fuels – owned vacation property
250914	Other fuels – rented vacation property
310140	Televisions
310240	Streaming/downloaded video
310314	Digital audio players
310340	Records, CD's, audio tapes
310350	Streaming/downloaded audio
480212	Vehicle products and services
480215	Vehicle video equipment
520541	Tolls or electronic toll passes
520560	Global positioning services
570111	Hospital room and services
580400	Long term care insurance
590310	Magazine/ newspaper subscription
590410	Magazine/ newspaper, single copy
620930	Online entertainment and games
680904	Dating services
690115	Personal digital assistants
690116	Internet services away from home
910042	Monthly transit subsidy amount

3. UCC Content Changes

Beginning in 2005Q2, content for the listed UCCs will change as indicated.

UCC	TITLE	CHANGE

880100	TOT PAID, HM EQ LN (CRDT), OWND	New mapping will use the new PDAMTX1, PDAMTX2, and PDAMTX3 variables and will use Time Adjustment methods &C1, &C2, and &C3.
880200	TOT PD, HM EQ LN(CRDT), OTH PROP	New mapping will use the new PDAMTX1, PDAMTX2, and PDAMTX3 variables and will use Time Adjustment methods &C1, &C2, and &C3.
880300	TOT PAID, HM EQ LN (CRDT), OWNV	New mapping will use the new PDAMTX1, PDAMTX2, and PDAMTX3 variables and will use Time Adjustment methods &C1, &C2, and &C3.
880110	INTEREST, HM EQ LN (CRDT), OWND	Calculation of JINTPDX will use the new variable TOTOWED. New formula will be 3*TOTOWED*PRIMPLUS/12.
880210	INTERST,HM EQ LN(CRDT), OTH PROP	Calculation of JINTPDX will use the new variable TOTOWED. New formula will be 3*TOTOWED*PRIMPLUS/12.
880310	INTEREST, HM EQ LN (CRDT), OWNV	Calculation of JINTPDX will use the new variable TOTOWED. New formula will be 3*TOTOWED*PRIMPLUS/12.
880120	PRNCPL, HM EQ LN (CRDT), OWND	Calculation of JLCPRINX will use the sum of the three reported payment amounts. New formula will be SUM (0, PDAMTX1,PDAMTX2,PDAMTX3)-JINTPDX.
880220	PRNCPL, HM EQ LN (CRDT), OTH PR	Calculation of JLCPRINX will use the sum of the three reported payment amounts. New formula will be SUM(0,PDAMTX1,PDAMTX2,PDAMTX3)-JINTPDX.
880320	PRNCPL, HM EQ LOAN (CRDT), OWNV	Calculation of JLCPRINX will use the sum of the three reported payment amounts. New formula will be SUM(0,PDAMTX1,PDAMTX2,PDAMTX3)-JINTPDX.
690114	COMPUTER INFORMATION SERVICES	Collection of expenditure moved to the new UTI section of the questionnaire and the interview question was modified to include specific reference to Internet Service Provider. UCC will still include expenditures reported in UTA bundled as part of the consumer unit's telephone services.
340908	RNTL OFF EQUIP NON-BUS USE	The expenditure mapping of this UCC was modified to reflect the changes made in this section. The calculator expenditure type mapped to this UCC was removed and rental expenditures for PDAs were added to this UCC.
340902	RENTAL OF TELEVISIONS	The expenditure mapping of this UCC was modified to remove the deleted UCC's pertaining to televisions (310110, 310120, 310130) The new single television UCC (310140) was added.
340905	RENTAL OF VCR/RADIO/SOUND EQUIP	This UCC now also includes the rental expenditures for the new UCC (310314) for Digital Audio Players.
700110	LIFE/ENDOW/ANNUIT/ OTH PERS INS	Expenditures for Long Term Care Insurance were removed; Long Term Care Insurance now has a unique UCC.

D. ITAB File

There were no changes to the ITAB file this year.

E. ITAB_IMPUTE File

There were no changes to the ITAB_IMPUTE file this year.

F. EXPN Files

1. APL file

Variable Deletions

Beginning in 2005Q2, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
PURCHOWN	29	CHAR(1)
PURCH_WN	30	CHAR(1)
INCLOWN	31	CHAR(1)
INCLOWN_	32	CHAR(1)
RECDGIFT	33	CHAR(1)
RECD_IFT	34	CHAR(1)
INCLRENT	35	CHAR(1)
INCL_ENT	36	CHAR(1)
RENTSEP	37	CHAR(1)
RENTSEP_	38	CHAR(1)

Variable Additions

Beginning in 2005Q2, the APL file will contain the following new variables:

Name	Description	Start Position	Format
INCLHOME	Included in the home when you moved in? 1 – Yes 2 – No	39	CHAR(1)
INCL_OME		40	CHAR(1)

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
MAJCODE	Codes changed from: 01 – Electric stove 12 – Color televisions 15 – Video tape recorder, video disc player, or video cassette recorder (VCR) Codes changed to: 01 – Cooking stove, range, or oven 12 – Televisions 15 – VCRs, DVD players, or digital video recorders Codes deleted (not replaced): 02 – Gas stove

Name	Description
	04 – Other cooking stove

2. OPH file

Variable Deletions

Beginning in 2005Q2, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
PRINAMTX	30	NUM(8)
PRIN_MTX	38	CHAR(1)

Variable Additions

Beginning in 2005Q2, the OPH file will contain the following new variables:

Name	Description	Start Position	Format
TOTOWED	Amount owed prior to last payment	67	NUM(8)
TOTOWED_		75	CHAR(1)

3. UTI file

This is a new file in the EXPN files, added to capture cable and internet services expenditures, beginning with 2005Q2.

Variable Additions

Beginning in 2005Q2, the UTI file will contain the following variables:

Name	Description	Start Position	Format
QYEAR		1	CHAR(5)
NEWID		6	NUM(8)
SEQNO		14	NUM(3)
ALCNO		17	NUM(3)
INTSERV	Cable, satellite, or internet services CODED 100 – Cable or satellite TV or satellite radio service 200 – Internet connection or an internet service provider 255 – Combined cable TV, satellite TV, satellite radio, or internet connection (codes 100, 200) 300 – Listening to or downloading music or audio files 400 – Viewing or downloading video files 500 – Online games or other internet entertainment sites	21	CHAR(3)

Name	Description	Start Position	Format
	600 – Internet services away from home such as web cafes or internet kiosks 900 – Combined expenses		
INTSERV_		24	CHAR(1)
INTMO	Month of expense CODED 01 – 12 = Month of expense 13 = Continuous expense	25	CHAR(2)
INTMO_		27	CHAR(1)
INTCHGX	Amount of the expense	28	NUM(8)
INTCHGX_		36	CHAR(1)
INTSRV1	Combined expense codes CODED 100 – Cable or satellite TV or satellite radio services 200 – Internet connection or an internet service provider 300 – Listening to or downloading music or audio files 400 – Viewing or downloading video files 500 – Online games or other internet entertainment sites 600 – Internet services away from home such as web cafes or internet kiosks 900 – Miscellaneous combined/ don't know	37	CHAR(3)
INTSRV1_		40	CHAR(1)
INTSRV2	See INTSRV1 for description, codes, and source	41	CHAR(3)
INTSRV2_		44	CHAR(1)
INTSRV3	See INTSRV1 for description, codes, and source	45	CHAR(3)
INTSRV3_		48	CHAR(1)
INTSRV4	See INTSRV1 for description, codes, and source	49	CHAR(3)
INTSRV4_		52	CHAR(1)
INTSRV5	See INTSRV1 for description, codes, and source	53	CHAR(3)
INTSRV5_		56	CHAR(1)
INTSRV6	See INTSRV1 for description, codes, and source	57	CHAR(3)
INTSRV6_		60	CHAR(1)
INTSRV7	See INTSRV1 for description, codes, and source	61	CHAR(3)
INTSRV7_		64	CHAR(1)
INTSRV8	See INTSRV1 for description, codes, and source	65	CHAR(3)
INTSRV8_		68	CHAR(1)
INTSRV9	See INTSRV1 for description, codes, and source	69	CHAR(3)
INTSRV9_		72	CHAR(1)

4. UTB file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
VACUTLY	Codes changed from: 180 – Other fuels 190 – Combined expenses (codes 130-180) 290 – Cable TV, satellite services, or community antenna Codes changed to: 180 – Other fuels including wood 190 – Combined expenses (codes 130, 150, 180) 290 – Cable TV, satellite TV, or satellite radio services not already reported Codes deleted (not replaced): 140 – Kerosene 160 – Wood 170 – Coal

5. UTC file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
UTILY	Codes changed from: 180 – Other fuels 190 – Combined expense (codes 130-180) Codes changed to: 180 – Other fuels including wood 190 – Combined expense (codes 130, 150, 180) Codes deleted (not replaced): 140 – Kerosene 160 – Wood 170 – Coal 290 – Cable TV, satellite services, or community antenna 300 – Internet connection and other computer related data services not already reported 335 – Combined cable TV, satellite service, community antenna, and internet connection, computer data services (codes 290, 300)

6. APB file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
MINAPPLY	Codes changed from: 620 – Typewriters and other office machines for non-business use 800 – Combined expense (codes 230-280, 300-350, 590, 610, 620, 640-660) 810 – Combined expense (codes 360-440, 670) Codes changed to: 620 – Other office machines including typewriters and calculators 800 – Combined expenses (codes 230-280, 300-350, 610, 620, 640-660) 810 – Combined expenses (codes 365-440, 665, 670) Codes deleted; replaced with code 365: 360 – Color televisions, portable and table models 370 – Color televisions, consoles and combinations of TV, large screen color TV, projection equipment, and other items 380 – Black and white TVs, and combinations of TV with other items Codes deleted: 590 – Calculators Codes added: 365 – Televisions, all types, including combinations of TV with DVD/video player 395 – Handheld personal music players 665 – Personal Digital Assistants (PDAs)

7. OVB file

Variable Deletions

Beginning in 2005Q2, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
VPURSRCE	63	CHAR(1)
VPUR_RCE	64	CHAR(1)
NUMDOOR	52	CHAR(1)
NUMDOOR_	53	CHAR(1)
AUTOTRAN	36	CHAR(1)
AUTO_RAN	37	CHAR(1)
PWRSTEER	38	CHAR(1)
PWRS_EER	39	CHAR(1)
PWRBRAKE	40	CHAR(1)
PWRB_AKE	41	CHAR(1)
AIRCAR	42	CHAR(1)
AIRCAR_	43	CHAR(1)
SUNROOF	44	CHAR(1)
SUNROOF_	45	CHAR(1)
TURBOCHG	46	CHAR(1)
TURB_CHG	47	CHAR(1)

Name	Start Position	Format
DIESEL	48	CHAR(1)
DIESEL_	49	CHAR(1)
FRWHLDRV	50	CHAR(1)
FRWH_DRV	51	CHAR(1)
DKOPTION	311	CHAR(1)
DKOP_ION	312	CHAR(1)
NOOPTION	309	CHAR(1)
NOOP_ION	310	CHAR(1)
AUTOTYPE	54	CHAR(1)
AUTO_YPE	55	CHAR(1)

Variable Additions

Beginning in 2005Q2, the OVB file will contain the following new variables:

Name	Description	Start Position	Format
FUELTYPE	What is the vehicle fueled by? CODED 1 – gasoline 2 – diesel fuel 3 – hybrid electric power 4 – other (specify)	314	CHAR(1)
FUEL_YPE		315	CHAR(1)
VPURINDV	Was this purchased from a private individual? CODED 1 – Yes 2 – No	316	CHAR(1)
VPUR_NDV		317	CHAR(1)
VINTRATE	What was the interest rate?	318	NUM(5,4)
VINT_ATE		323	CHAR(1)

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
VEHICYB	Code changed from: 110 – Truck or van Code changed to: 110 – Trucks, minivans, vans, or SUVs
NETPURX	Description wording changed from: "Net purchase price after discount and trade-in" Description wording changed to: "Net purchase price after discount, trade-in, or rebate"

8. OVC file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
VEHDISP	Code changed from: 3 – Given away to someone outside the CU Code changed to: 3 – Given away or donated outside the CU

9. VEQ file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
VOPSERVY	Codes added: 345 – Video equipment and installation 365 – Vehicle cleaning services and cleaning supplies

10. VOT file

Variable Additions

Beginning in 2005Q2, the VOT file will contain the following new variables:

Name	Description	Start Position	Format
VOPTOLLX	Expense for tolls or electronic passes, excluding the current month	96	NUM(5)
VOPT_LLX		101	CHAR(1)

11. INB file

Variable Additions

Beginning in 2005Q2, the INB file will contain the following new variables:

Name	Description	Start Position	Format
INSCMB1	Combined insurance CODED 100 – Life insurance 110 – Long Term Care insurance 200 – Automobile insurance 300 – Homeowner's insurance 400 – Tenant's insurance	116	CHAR(3)

Name	Description	Start Position	Format
	500 – Other non-health insurance 900 – Combined insurance		
INSCMB1_		119	CHAR(1)
INSCMB2	See INSCMB1	120	CHAR(3)
INSCMB2_		123	CHAR(1)
INSCMB3	See INSCMB1	124	CHAR(3)
INSCMB3_		127	CHAR(1)
INSCMB4	See INSCMB1	128	CHAR(3)
INSCMB4_		131	CHAR(1)
INSCMB5	See INSCMB1	132	CHAR(3)
INSCMB5_		135	CHAR(1)
INSCMB6	See INSCMB1	136	CHAR(3)
INSCMB6_		139	CHAR(1)
INSCMB7	See INSCMB1	140	CHAR(3)
INSCMB7_		143	CHAR(1)
INSCMB8	See INSCMB1	144	CHAR(3)
INSCMB8_		147	CHAR(1)
INSCMB9	See INSCMB1	148	CHAR(3)
INSCMB9_		151	CHAR(1)
QLNGTCMX	Amount paid for long term care insurance for the reference period less the current month	152	NUM(8)
QLNG_CMX		160	CHAR(1)

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
POLICYYB	Codes added: 110 – Long Term Care insurance 900 – Combined insurance

12. MDB file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
MEDPCARY	Codes deleted: 310 – Hospital room 320 – Hospital services Code changed from: 330 – Combined hospital room and services (codes 310, 320) Code changed to: 330 – Hospital room or hospital services
MEDPMTMO	Code changed from:

Name	Description
	13 – Continuous expense Code changed to: 13 – Continuous expense (monthly expense reported)

13. MDC file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
MEDRCARY	Codes deleted: 310 – Hospital room 320 – Hospital services Code changed from: 330 – Combined hospital room and services (codes 310, 320) Code changed to: 330 – Hospital room or hospital services

14. EDA file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
EDMONTHA	Code changed from: 13 – Continuous expense Code changed to: 13 – Continuous expense (monthly expense reported)
EDUCGFTC	Codes changed from: 01-98 – CU member (MEMBNO from MEMB file) 99 – Someone outside CU Codes changed to: 01-30 – CU member (MEMBNO from MEMB file) 55 – Someone outside CU

15. LSD file

Variable deletions

Beginning in 2005Q2, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
ANYAUTO	41	CHAR(1)
ANYAUTO_	42	CHAR(1)
ANYSTEER	43	CHAR(1)
ANYS_EER	44	CHAR(1)
ANYBRAKE	45	CHAR(1)
ANYB_AKE	46	CHAR(1)
ANYAC	47	CHAR(1)
ANYAC_	48	CHAR(1)
ANYROOF	49	CHAR(1)
ANYROOF_	50	CHAR(1)
ANYTURBO	51	CHAR(1)
ANYT_RBO	52	CHAR(1)
ANYDIESL	53	CHAR(1)
ANYD_ESL	54	CHAR(1)
ANYWHEEL	55	CHAR(1)
ANYW_EEL	56	CHAR(1)
DOORS	57	CHAR(1)
DOORS_	58	CHAR(1)
TYPEVEH	59	CHAR(1)
TYPEVEH_	60	CHAR(1)

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
LSDCODE	Code changed from: 110 – Truck or van Code changed to: 110 – Trucks, minivans, vans, or SUVs
PAYTIME	Code changed from: 7 – Other Code changed to: 7 – One time payment 8 – Other

16. SUB file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
S17CODEA	Codes deleted:

Name	Description
	100 – Newspaper delivery 300 – Compact discs, tapes, videos, or records purchased from a mail-order club 400 – Magazine or periodical subscriptions 900 – Reference books not in sets Codes added: 150 – Subscriptions to newspapers, magazines, or periodicals, including online subscriptions 830 – Health clubs, fitness centers, swimming pools, weight-loss centers, or other sports and recreational organizations 910 – Global positioning services (GPS), such as OnStar 930 – Direct or online dating services Code changed from: 800 – Country clubs, health clubs, swimming pools, tennis clubs, social or other recreational organizations Code changed to: 800 – Golf courses, country clubs, and other social organizations

17. ENT file

Variable Deletions

Beginning in 2005Q2, data for the following variables will no longer be recorded. The positions for these deleted variables will be left blank.

Name	Start Position	Format
QBK3MCMX	48	NUM(8)
QBK3_CMX	56	CHAR(1)
QMG3MCMX	57	NUM(8)
QMG3_CMX	65	CHAR(1)
QNEW3MCX	66	NUM(8)
QNEW_MCX	74	CHAR(1)

Variable Additions

Beginning in 2005Q2, the ENT file will contain the following new variables:

Name	Description	Start Position	Format
QENT3MCX	Admission paid to other entertainment activities during the reference period	120	NUM(8)
QENT_MCX		128	CHAR(1)
QBR3MCX	Book expenses including reference books during the reference period	129	NUM(8)
QBR3MCX_		137	CHAR(1)
QNMG3MCX	Newspaper, magazine, and periodical expenses during the reference period	138	NUM(8)
QNMG_MCX		146	CHAR(1)

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
QEAD3MCX	Description wording changed from: Amount paid for single admissions to entertainment activities such as movies, plays, operas, or concerts during the reference period Description wording changed to: Admissions paid to performances, including service fees and surcharges, during the reference period
QREC3MCX	Description wording changed from: Amount paid for compact discs, audio tapes, needles, or records other than through a mail-order club during the reference period Description wording changed to: CDs, audio tapes, or record expenses incurred during the reference period
QFLP3MCX	Description wording changed from: Amount paid for film processing during the reference period Description wording changed to: Amount paid for film processing or for printing digital photographs during the reference period

18. MIS file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
MISCCODE	Code deleted: 300 – Hand held computer games and computer board games Code changed from: 150 – Legal fees (excluding real estate closing costs) 190 – Babysitting or other child care in your own home 220 – Babysitting or other child care in someone else's home 230 – Moving, storage, and freight express 290 – TV computer games and computer game software Code changed to: 150 – Services of lawyers or other legal professionals 190 – Babysitting, nanny services, or child care in your home 220 – Babysitting, nanny services, or other child care in someone else's home 230 – Moving, storage, or freight 290 – Video or computer hardware, software, game-boys or accessories
MISCMO	Code changed from: 13 – Continuous expense

Name	Description
	Code changed to: 13 – Continuous expense (monthly expense reported)

19. CNT file

Variable Content Changes

Beginning in 2005Q2, the following variable definitions change:

Name	Description
CONTMO	Code changed from: 13 – Continuous expense Code changed to: 13 – Continuous expense (monthly expense reported)

20. XPB file

Variable Additions

Beginning in 2005Q2, the XPB file will contain the following new variables:

Name	Description	Start Position	Format
TRANSUBX	Usual monthly amount of transit subsidy	176	NUM(6)
TRAN_UBX		182	CHAR(1)
TRANWRKX	Monthly cost for transportation to work less any amount covered by transit subsidies	183	NUM(6)
TRAN_RKX		189	CHAR(1)

III. FILE INFORMATION

The microdata on CD-ROM are provided as SAS data sets or ASCII text files. The 2005 Interview release contains five groups of Interview data files (FMLY, MEMB, MTAB, ITAB, and ITAB_IMPUTE), 50 EXPN files, and processing files. The FMLY, MEMB, MTAB, ITAB, and ITAB_IMPUTE files are organized by the calendar quarter of the year in which the data were collected. (See Section V.A.1.b. CALENDAR PERIOD VERSUS COLLECTION PERIOD for a description of calendar and collection years.) There are five quarterly data sets for each of these files, running from the first quarter of 2005 through the first quarter of 2006. The FMLY file contains CU characteristics, income, and summary level expenditures; the MEMB file contains member characteristics and income data; the MTAB file contains expenditures organized on a monthly basis at the UCC level; the ITAB file contains income data converted to a monthly time frame and assigned to UCCs; and the ITAB_IMPUTE file contains the five imputation variants of the income data converted to a monthly time frame and assigned to UCCs. Each of the 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. Survey forms, as well as the CAPI questionnaire, are available on the Consumer Expenditure Survey webpage: http://www.bls.gov/cex/#forms. A list of the 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

UTI Section 4, Part C	Utilities and Fuels for Owned and Rented Properties – Internet Services Expenditures
UTC Section 4, Part D	Utilities and Fuels for Owned and Rented Properties – Detailed Questions
UTB Section 4, Part E	Utilities and Fuels for Owned and Rented Properties – Detailed Questions for Vacation Properties
CRA Section 5, Part A	Construction, Repairs, Alterations, and Maintenance of Owned and Rented Property – Screening Questions
CRB Section 5, Part B	Construction, Repairs, Alterations, and Maintenance of Owned and Rented Property – Job Description
APA Section 6, Part A	Appliances, Household Equipment, and Other Selected Items – Purchase of Household Appliances
APB Section 6, Part B	Appliances, Household Equipment and Other Selected Items – Purchase of Household Appliances and Other Selected Items
EQB Section 7, Part A	Household Equipment Repairs, Service Contracts, and Furniture Repair and Reupholstering – Household Equipment Repairs and Service Contracts
FRA Section 8, Part A	Home Furnishings and Related Household Items – Purchases
FRB Section 8, Part B	Home Furnishings and Related Household Items – Rental, Leasing, or Repair of Furniture
CLA Section 9, Part A	Clothing and Sewing Materials – Clothing
CLB Section 9, Part B	Clothing and Sewing Materials – Infants Clothing, Watches, Jewelry, and Hairpieces
CLD Section 9, Part C	Clothing and Sewing Materials – Clothing Services
CLC Section 9, Part D	Clothing and Sewing Materials – Sewing Materials
RTV Section 10, Part A.1	Rented and Leased Vehicles – Screening Questions
LSD Section 10, Part B	Rented and Leased Vehicles – Detailed Questions for Leased Vehicles
OVB Section 11, Part B	Owned Vehicles – Detailed Questions
OVC Section 11, Part C	Owned Vehicles – Disposal of Vehicles
VEQ Section 12, Part A	Vehicle Operating Expenses – Vehicle Maintenance and Repair
VLR Section 12, Part B	Vehicle Operating Expenses – Licensing, Registration, and Inspection of Vehicles
VOT Section 12, Part C	Vehicle Operating Expenses – Other Vehicle Operating Expenses
INB Section 13, Part B	Insurance Other Than Health – Detailed Questions
IHB Section 14, Part B	Hospitalization and Health Insurance – Detailed Questions

IHC Section 14, Part C	Hospitalization and Health Insurance – Medicare and Medicaid
MDB Section 15, Part A	Medical and Health Expenditures – Payments For Medical Expenses
MDC Section 15, Part B	Medical and Health Expenditures – Reimbursements For Medical Expenses
EDA Section 16	Educational Expenses
SUB Section 17, Part A	Subscriptions, Memberships, Books, and Entertainment Expenses – Subscriptions and Memberships
ENT Section 17, Part B	Subscriptions, Memberships, Books, and Entertainment Expenses – Books and Entertainment Expenses
TRD Section 18, Part A	Trips and Vacations – 100% Reimbursed Trips
TRV Section 18, Part B	Trips and Vacations – Trips Paid Entirely by CU and Partially Reimbursed Trips
TRE Section 18, Part E	Trips and Vacations – Trip Expenses for Non-CU Members
TRF Section 18, Part F	Trips and Vacations – Local Overnight Stays
MIS Section 19, Part A	Miscellaneous Expenses
CNT Section 19, Part B	Miscellaneous Expenses – Contributions
XPA Section 20, Part A	Expense Patterns For Food, Beverages, and Other Selected Items – Food and Beverages
XPB Section 20, Part B	Expense Patterns For Food, Beverages, and Other Selected Items – Selected Services and Goods
FN2 Section 21, Part A.1	Credit Liability – Credit Balances – Second Interview Only
FNA Section 21, Part A.2	Credit Liability – Credit Balances – Fifth Interview Only
FNB Section 21, Part B	Credit Liability – Finance Charges – Fifth Interview Only

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

A. DATA SET NAMES

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

\INTRVW05\FMLYI051x.TXT (Interview FMLY file for first quarter, 2005)
\INTRVW05\MEMBI051x.TXT (Interview MEMB file for first quarter, 2005)
\INTRVW05\MTABI051x.TXT (Interview MTAB file for first quarter, 2005)
\INTRVW05\ITABI051x.TXT (Interview ITAB file for first quarter, 2005)
\INTRVW05\ITABI_IMPUTED051x.TXT (Interview ITABI_IMPUTED file for first quarter, 2005)
\INTRVW05\FMLYI052.TXT (etc.)
\INTRVW05\MEMBI052.TXT

\INTRVW05\MTABI052.TXT
\INTRVW05\ITABI052.TXT
\INTRVW05\ITABI_IMPUTED052.TXT
\INTRVW05\FMLYI053.TXT
\INTRVW05\MEMBI053.TXT
\INTRVW05\MTABI053.TXT
\INTRVW05\ITABI053.TXT
\INTRVW05\ITABI_IMPUTED053.TXT
\INTRVW05\FMLYI054.TXT
\INTRVW05\MEMBI054.TXT
\INTRVW05\MTABI054.TXT
\INTRVW05\ITABI054.TXT
\INTRVW05\ITABI_IMPUTED054.TXT
\INTRVW05\FMLYI061.TXT
\INTRVW05\MEMBI061.TXT
\INTRVW05\MTABI061.TXT
\INTRVW05\ITABI061.TXT
\INTRVW05\ITABI_IMPUTED061.TXT
\INTRVW05\UCCI05.TXT
\INTRVW05\VEHI05.TXT
\EXPN05\APL05.TXT
\EXPN05\RNT05.TXT
\EXPN05\OPB05.TXT
\EXPN05\OPD05.TXT
\EXPN05\MOR05.TXT
\EXPN05\HEL05.TXT
\EXPN05\OPH05.TXT
\EXPN05\OPI05.TXT
\EXPN05\UTA05.TXT
\EXPN05\UTP05.TXT
\EXPN05\UTI05.TXT
\EXPN05\UTC05.TXT
\EXPN05\UTB05.TXT
\EXPN05\CRA05.TXT
\EXPN05\CRB05.TXT
\EXPN05\APA05.TXT
\EXPN05\APB05.TXT
\EXPN05\EQB05.TXT
\EXPN05\FRA05.TXT
\EXPN05\FRB05.TXT
\EXPN05\CLA05.TXT
\EXPN05\CLB05.TXT
\EXPN05\CLD05.TXT
\EXPN05\CLC05.TXT
\EXPN05\RTV05.TXT
\EXPN05\LSD05.TXT
\EXPN05\OVB05.TXT
\EXPN05\OVC05.TXT
\EXPN05\VEQ05.TXT
\EXPN05\VLR05.TXT
\EXPN05\VOT05.TXT
\EXPN05\INB05.TXT
\EXPN05\IHB05.TXT
\EXPN05\IHC05.TXT
\EXPN05\MDB05.TXT
\EXPN05\MDC05.TXT

\EXPN05\EDA05.TXT
\EXPN05\SUB05.TXT
\EXPN05\ENT05.TXT
\EXPN05\TRD05.TXT
\EXPN05\TRV05.TXT
\EXPN05\TRE05.TXT
\EXPN05\TRF05.TXT
\EXPN05\MIS05.TXT
\EXPN05\CNT05.TXT
\EXPN05\XPA05.TXT
\EXPN05\XPB05.TXT
\EXPN05\FN205.TXT
\EXPN05\FNA05.TXT
\EXPN05\FNB05.TXT

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

\INTRVW05\FMLI051x.sas7bdat (Interview FMLY file for first quarter, 2005)
\INTRVW05\MEMI051x.sas7bdat (Interview MEMB file for first quarter, 2005)
\INTRVW05\MTBI051x.sas7bdat (Interview MTAB file for first quarter, 2005)
\INTRVW05\ITBI051x.sas7bdat (Interview ITAB file for first quarter, 2005)
\INTRVW05\ITBI_IMPUTED051x.sas7bdat (Interview ITBI_IMPUTED file for first quarter, 2005)
\INTRVW05\FMLI052.sas7bdat   (etc.)
\INTRVW05\MEMI052.sas7bdat
\INTRVW05\MTBI052.sas7bdat
\INTRVW05\ITBI052.sas7bdat
\INTRVW05\ITBI_IMPUTED052.sas7bdat
\INTRVW05\FMLI053.sas7bdat
\INTRVW05\MEMI053.sas7bdat
\INTRVW05\MTBI053.sas7bdat
\INTRVW05\ITBI053.sas7bdat
\INTRVW05\ITBI_IMPUTED053.sas7bdat
\INTRVW05\FMLI054.sas7bdat
\INTRVW05\MEMI054.sas7bdat
\INTRVW05\MTBI054.sas7bdat
\INTRVW05\ITBI054.sas7bdat
\INTRVW05\ITBI_IMPUTED054.sas7bdat
\INTRVW05\FMLI061.sas7bdat
\INTRVW05\MEMI061.sas7bdat
\INTRVW05\MTBI061.sas7bdat
\INTRVW05\ITBI061.sas7bdat
\INTRVW05\ITBI_IMPUTED061.sas7bdat
\INTRVW05\UCCI05.txt
\INTRVW05\VEHI05.txt
\EXPN05\APL05.sas7bdat
\EXPN05\RNT05.sas7bdat
\EXPN05\OPB05.sas7bdat
\EXPN05\OPD05.sas7bdat
\EXPN05\MOR05.sas7bdat
\EXPN05\HEL05.sas7bdat
\EXPN05\OPH05.sas7bdat
\EXPN05\OPI05.sas7bdat
\EXPN05\UTA05.sas7bdat
\EXPN05\UTP05.sas7bdat
\EXPN05\UTI05.sas7bdat
\EXPN05\UTC05.sas7bdat

\EXPN05\UTB05.sas7bdat
\EXPN05\CRA05.sas7bdat
\EXPN05\CRB05.sas7bdat
\EXPN05\APA05.sas7bdat
\EXPN05\APB05.sas7bdat
\EXPN05\EQB05.sas7bdat
\EXPN05\FRA05.sas7bdat
\EXPN05\FRB05.sas7bdat
\EXPN05\CLA05.sas7bdat
\EXPN05\CLB05.sas7bdat
\EXPN05\CLD05.sas7bdat
\EXPN05\CLC05.sas7bdat
\EXPN05\RTV05.sas7bdat
\EXPN05\LSD05.sas7bdat
\EXPN05\OVB05.sas7bdat
\EXPN05\OVC05.sas7bdat
\EXPN05\VEQ05.sas7bdat
\EXPN05\VLR05.sas7bdat
\EXPN05\VOT05.sas7bdat
\EXPN05\INB05.sas7bdat
\EXPN05\IHB05.sas7bdat
\EXPN05\IHC05.sas7bdat
\EXPN05\MDB05.sas7bdat
\EXPN05\MDC05.sas7bdat
\EXPN05\EDA05.sas7bdat
\EXPN05\SUB05.sas7bdat
\EXPN05\ENT05.sas7bdat
\EXPN05\TRD05.sas7bdat
\EXPN05\TRV05.sas7bdat
\EXPN05\TRE05.sas7bdat
\EXPN05\TRF05.sas7bdat
\EXPN05\MIS05.sas7bdat
\EXPN05\CNT05.sas7bdat
\EXPN05\XPA05.sas7bdat
\EXPN05\XPB05.sas7bdat
\EXPN05\FN205.sas7bdat
\EXPN05\FNA05.sas7bdat
\EXPN05\FNB05.sas7bdat

B. RECORD COUNTS AND LOGICAL RECORD LENGTHS

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

ASCII data set	SAS data set	LRECL	Record Counts
FMLYI051X.TXT	FMLI051X.SAS7BDAT	6194	5081
FMLYI052.TXT	FMLI052.SAS7BDAT	6194	7717
FMLYI053.TXT	FMLI053.SAS7BDAT	6194	7456
FMLYI054.TXT	FMLI054.SAS7BDAT	6194	7585
FMLYI061.TXT	FMLI061.SAS7BDAT	6194	7786
MEMBI051X.TXT	MEMI051X.SAS7BDAT	787	12825
MEMBI052.TXT	MEMI052.SAS7BDAT	787	19800
MEMBI053.TXT	MEMI053.SAS7BDAT	787	19155

ASCII data set	SAS data set	LRECL	Record Counts
MEMBI054.TXT	MEMI054.SAS7BDAT	787	19409
MEMBI061.TXT	MEMI061.SAS7BDAT	787	19808
MTABI051X.TXT	MTBI051X.SAS7BDAT	35	441781
MTABI052.TXT	MTBI052.SAS7BDAT	35	636111
MTABI053.TXT	MTBI053.SAS7BDAT	35	627554
MTABI054.TXT	MTBI054.SAS7BDAT	35	630305
MTABI061.TXT	MTBI061.SAS7BDAT	35	664358
ITABI051X.TXT	ITBI051X.SAS7BDAT	34	287991
ITABI052.TXT	ITBI052.SAS7BDAT	34	438273
ITABI053.TXT	ITBI053.SAS7BDAT	34	425037
ITABI054.TXT	ITBI054.SAS7BDAT	34	427320
ITABI061.TXT	ITBI061.SAS7BDAT	34	438150
ITABI_IMPUTED051x.TXT	ITBI_IMPUTED051x.SAS7BDAT	35	402495
ITABI_IMPUTED052.TXT	ITBI_IMPUTED052.SAS7BDAT	35	606642
ITABI_IMPUTED053.TXT	ITBI_IMPUTED053.SAS7BDAT	35	585333
ITABI_IMPUTED054.TXT	ITBI_IMPUTED054.SAS7BDAT	35	591834
ITABI_IMPUTED061.TXT	ITBI_IMPUTED061.SAS7BDAT	35	608364
EXPN			
APL05.TXT	APL05.SAS7BDAT	40	331382
RNT05.TXT	RNT05.SAS7BDAT	94	11908
OPB05.TXT	OPB05.SAS7BDAT	95	28744
OPD05.TXT	OPD05.SAS7BDAT	64	156
MOR05.TXT	MOR05.SAS7BDAT	194	17756
HEL05.TXT	HEL05.SAS7BDAT	194	1436
OPH05.TXT	OPH05.SAS7BDAT	75	2996
OPI05.TXT	OPI05.SAS7BDAT	263	42901
UTA05.TXT	UTA05.SAS7BDAT	126	155425
UTP05.TXT	UTP05.SAS7BDAT	34	4497
UTI05.TXT	UTI05.SAS7BDAT	72	62795
UTB05.TXT	UTB05.SAS7BDAT	70	1187
UTC05.TXT	UTC05.SAS7BDAT	98	317514
CRA05.TXT	CRA05.SAS7BDAT	74	1173
CRB05.TXT	CRB05.SAS7BDAT	273	12690
APA05.TXT	APA05.SAS7BDAT	88	3485
APB05.TXT	APB05.SAS7BDAT	79	32716
EQB05.TXT	EQB05.SAS7BDAT	72	4699
FRA05.TXT	FRA05.SAS7BDAT	72	35969
FRB05.TXT	FRB05.SAS7BDAT	41	123
CLA05.TXT	CLA05.SAS7BDAT	79	164456
CLB05.TXT	CLB05.SAS7BDAT	79	21569
CLD05.TXT	CLD05.SAS7BDAT	72	2795
CLC05.TXT	CLC05.SAS7BDAT	72	3756
RTV05.TXT	RTV05.SAS7BDAT	48	1090
LSD05.TXT	LSD05.SAS7BDAT	211	1804

ASCII data set	SAS data set	LRECL	Record Counts
OVB05.TXT	OVB05.SAS7BDAT	323	68055
OVC05.TXT	OVC05.SAS7BDAT	62	2849
VEQ05.TXT	VEQ05.SAS7BDAT	94	44030
VLR05.TXT	VLR05.SAS7BDAT	49	12754
VOT05.TXT	VOT05.SAS7BDAT	101	35625
INB05.TXT	INB05.SAS7BDAT	160	95611
IHB05.TXT	IHB05.SAS7BDAT	55	35872
IHC05.TXT	IHC05.SAS7BDAT	152	12167
MDB05.TXT	MDB05.SAS7BDAT	74	72267
MDC05.TXT	MDC05.SAS7BDAT	74	1749
EDA05.TXT	EDA05.SAS7BDAT	86	19562
SUB05.TXT	SUB05.SAS7BDAT	35	22747
ENT05.TXT	ENT05.SAS7BDAT	146	23685
TRD05.TXT	TRD05.SAS7BDAT	36	6396
TRV05.TXT	TRV05.SAS7BDAT	315	16078
TRE05.TXT	TRE05.SAS7BDAT	36	4000
TRF05.TXT	TRF05.SAS7BDAT	85	403
MIS05.TXT	MIS05.SAS7BDAT	72	57979
CNT05.TXT	CNT05.SAS7BDAT	36	38024
XPA05.TXT	XPA05.SAS7BDAT	130	35624
XPB05.TXT	XPB05.SAS7BDAT	189	35622
FN205.TXT	FN205.SAS7BDAT	33	29341
FNA05.TXT	FNA05.SAS7BDAT	42	7444
FNB05.TXT	FNB05.SAS7BDAT	104	9071

C. DATA FLAGS

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

The flag values are defined as follows:

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).

D. INCOME IMPUTATION

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

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

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

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

The imputation indicator variable is coded as follows:

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

The ITAB file includes income UCCs mapped from the associated INCOMEM variable in the FMLY files. The ITAB_IMPUTE file includes 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 format will now indicate the CAPI section where the question can be found.

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

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

*D(Yxxq) identifies a variable that is deleted as of the quarterly file indicated. The year and quarter are identified by the 'xx' and 'q' respectively. For example, the notation *D(Y053) indicates the variable is deleted starting with the data file of the third quarter of 2005.

*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. ***<u>CONSUMER UNIT (CU) CHARACTERISTICS AND INCOME FILE (FMLY</u>***)

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

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

a. ***<u>CU AND INTERVIEW IDENTIFIERS</u>***

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)
HH_CU_Q	Count of CUs in household BLS derived	3269	NUM(2)

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

b. *CU CHARACTERISTICS*

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

POPSIZE	Population size of the PSU CODED 1 More than 4 million 2 1.20-4 million 3 0.33-1.19 million 4 125-329.9 thousand 5 Less than 125 thousand BLS derived	639	CHAR(1)
SMSASTAT	Does CU reside inside a Metropolitan Statistical Area (MSA)? CODED 1 Yes 2 No BLS derived	760	CHAR(1)
STATE	State identifier (see Section IV.A. and Section X.D. for important information)	3326	CHAR(2)

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

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

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

R indicates that either all observations from this state have been re-coded or all strata[1] 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[1] 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[1].

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[1].

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

States not listed are not in the CE sample.

BLS derived

*STATE_	**D(Y051)**	3328	CHAR(1)
CUTENURE	Housing tenure CODED 1 Owned with mortgage 2 Owned without mortgage 3 Owned mortgage not reported 4 Rented 5 Occupied without payment of cash rent 6 Student housing BLS derived	216	CHAR(1)
CUTE_URE		217	CHAR(1)
FAM_SIZE	Number of members in CU BLS derived	242	NUM(2)
FAM__IZE		244	CHAR(1)
AS_COMP1	Number of males age 16 and over in CU BLS derived	26	NUM(2)
AS_C_MP1		28	CHAR(1)

AS_COMP2	Number of females age 16 and over in CU BLS derived	29	NUM(2)
AS_C_MP2		31	CHAR(1)
AS_COMP3	Number of males age 2 through 15 in CU BLS derived	32	NUM(2)
AS_C_MP3		34	CHAR(1)
AS_COMP4	Number of females age 2 through 15 in CU BLS derived	35	NUM(2)
AS_C_MP4		37	CHAR(1)
AS_COMP5	Number of members under age 2 in CU BLS derived	38	NUM(2)
AS_C_MP5		40	CHAR(1)
PERSLT18	Number of children less than 18 in CU BLS derived	633	NUM(2)
PERS_T18		635	CHAR(1)
PERSOT64	Number of persons over 64 in CU BLS derived	636	NUM(2)
PERS_T64		638	CHAR(1)
CHILDAGE	Age of children of reference person CODED 0 No children 1 All children less than 6 2 Oldest child between 6 and 11 and at least one child less than 6 3 All children between 6 and 11 4 Oldest child between 12 and 17 and at least one child less than 12 5 All children between 12 and 17 6 Oldest child greater than 17 and at least one child less than 17 7 All children greater than 17 BLS derived	3322	CHAR(1)
CHIL_AGE		3323	CHAR(1)

FAM_TYPE	CU type is based on relationship of members to reference person. "Own" children include blood-related sons and daughters, step children and adopted children. CODED 1 Husband and wife (H/W) only 2 H/W, own children only, oldest child under 6 years old 3 H/W, own children only, oldest child 6 to 17 years old 4 H/W, own children only, oldest child over 17 years old 5 All other H/W CUs 6 One parent, male, own children only, at least one child age under 18 years old 7 One parent, female, own children only, at least one child age under 18 years old 8 Single persons 9 Other CUs BLS derived	245	CHAR(1)
FAM__YPE		246	CHAR(1)
NO_EARNR	Number of earners BLS derived	556	NUM(2)
NO_E_RNR		558	CHAR(1)
EARNCOMP	Composition of earners CODED 1 Reference person only 2 Reference person and spouse 3 Reference person, spouse and others 4 Reference person and others 5 Spouse only 6 Spouse and others 7 Others only 8 No earners BLS derived	221	CHAR(1)
EARN_OMP		222	CHAR(1)
PRINERNM	Member number (MEMBNO in the MEMB file)of the principal earner. BLS derived	6006	CHAR(2)
PRIN_RNM		6008	CHAR(1)
PRINERN1		6009	CHAR(2)
PRINERN2		6011	CHAR(2)
PRINERN3		6013	CHAR(2)
PRINERN4		6015	CHAR(2)

PRINERN5		6017	CHAR(2)
VEHQ	Number of owned vehicles BLS derived	809	NUM(2)
VEHQ_		811	CHAR(1)
NUM_AUTO	Number of owned automobiles BLS derived	581	NUM(2)
NUM__UTO		583	CHAR(1)
VEHQL	Total number of leased autos, trucks and vans BLS derived	3456	NUM(2)
VEHQL_		3458	CHAR(1)
NUM_TVAN	Total number of owned trucks and vans 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 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	4774	CHAR(1)
INCL_SS2		4775	CHAR(1)

RESPSTAT	Completeness of income response CODED 1 Complete income respondent 2 Incomplete income respondent BLS derived	681	CHAR(1)
RESP_TAT		682	CHAR(1)
INC_RNKM	Weighted cumulative percent income ranking based on total current income. BLS derived	5655	NUM(9.7)
INC__NKM		5664	CHAR(1)
INC_RNK1		5665	NUM(9.7)
INC_RNK2		5674	NUM(9.7)
INC_RNK3		5683	NUM(9.7)
INC_RNK4		5692	NUM(9.7)
INC_RNK5		5701	NUM(9.7)
ERANKHM	Weighted cumulative percent expenditure outlay ranking of CU to total population. Expenditure outlay is based on ERANKMTHM. The value is a number between 0 and 1. BLS derived	4950	NUM(9.7)
ERANKHM_		4959	CHAR(1)
ERNKMTHM	Dollar amount used for expenditure ranking (ERANKHM) based on expenditure outlays made during the reference (interview) period. Includes all mortgage and vehicle principal payments; excludes outlays for items collected only in the fifth interview. *L BLS derived	4960	NUM(13.4)
ERNK_THM		4973	CHAR(1)
POV_CYM	Is CU income below current year's poverty threshold? (Income is defined as FINCBTXM-FOODSMPM.) CODED 1 Yes 2 No BLS derived	5992	CHAR(1)
POV_C_M		5993	CHAR(1)
POV_CY1		5994	CHAR(1)

POV_CY2		5995	CHAR(1)
POV_CY3		5996	CHAR(1)
POV_CY4		5997	CHAR(1)
POV_CY5		5998	CHAR(1)
POV_PYM	Is CU income below previous year's poverty threshold? (Income is defined as FINCBTXM-FOODSMPM.) CODED 1 Yes 2 No BLS derived	5999	CHAR(1)
POV_P_M		6000	CHAR(1)
POV_PY1		6001	CHAR(1)
POV_PY2		6002	CHAR(1)
POV_PY3		6003	CHAR(1)
POV_PY4		6004	CHAR(1)
POV_PY5		6005	CHAR(1)
POVLEVPY	Poverty threshold for this CU in the previous year.	4191	NUM(8)
POVL_VPY		4199	CHAR(1)
CUINCOME	Total CU Income CODED 01 Loss 02 Under $3,000 03 $3,000 to $5,999 04 $6,000 to $7,499 05 $7,500 to $9,999 06 $10,000 to $12,999 07 $13,000 to $14,999 08 $15,000 to $19,999 09 $20,000 to $24,999 10 $25,000 to $29,999 11 $30,000 to $34,999 12 $35,000 to $49,999 13 $50,000 to $74,999 14 $75,000+ CAPI Section 24	3435	CHAR(2)
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 CAPI Section 1	3438	CHAR(1)
RECORDS_		3439	CHAR(1)
TYPEREC1	If any bills, receipts, or records were used, which ones did the respondent(s) use to give cost information? CODED 1 Bills CAPI Section 1	3440	CHAR(1)
TYPE_EC1		3441	CHAR(1)
TYPEREC2	See TYPEREC1 for question and source. CODED 2 Checkbook ledger or stubs	3442	CHAR(1)
TYPE_EC2		3443	CHAR(1)
TYPEREC3	See TYPEREC1 for question and source. CODED 3 Canceled checks	3444	CHAR(1)
TYPE_EC3		3445	CHAR(1)
TYPEREC4	See TYPEREC1 for question and source. CODED 4 Receipts of purchase (sales slip)	3446	CHAR(1)
TYPE_EC4		3447	CHAR(1)
TYPEREC5	See TYPEREC1 for question and source. CODED 5 Home file (provided by Census Bureau)	3448	CHAR(1)
TYPE_EC5		3449	CHAR(1)
TYPEREC6	See TYPEREC1 for question and source. CODED 6 Contracts or agreements	3450	CHAR(1)
TYPE_EC6		3451	CHAR(1)

TYPEREC7	See TYPEREC1 for question and source. CODED 7 Bank statements	3452	CHAR(1)
TYPE_EC7		3453	CHAR(1)
TYPEREC8	See TYPEREC1 for question and source. CODED 8 Other	3454	CHAR(1)
TYPE_EC8		3455	CHAR(1)

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

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 BLS derived	671	CHAR(1)
REF__ACE		672	CHAR(1)
SEX_REF	Sex of reference person CODED 1 Male 2 Female BLS derived	738	CHAR(1)
SEX_REF_		739	CHAR(1)

MARITAL1	Marital status of reference person CODED 1 Married 2 Widowed 3 Divorced 4 Separated 5 Never married BLS derived	536	CHAR(1)
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 BLS derived	233	CHAR(2)
EDUC0REF		235	CHAR(1)
AGE2	Age of spouse BLS derived	14	NUM(2)
AGE2_		16	CHAR(1)
RACE2	Race of spouse CODED – same as REF_RACE BLS derived	669	CHAR(1)
RACE2_		670	CHAR(1)
SEX2	Sex of spouse CODED – same as SEX_REF BLS derived	740	CHAR(1)
SEX2_		741	CHAR(1)
EDUCA2	Education of spouse CODED – same as EDUC_REF BLS derived	236	CHAR(2)
EDUCA2_		238	CHAR(1)

HORREF1	Hispanic Origin of the Reference Person CODED 1 Mexican 2 Mexican-American 3 Chicano 4 Puerto Rican 5 Cuban 6 Cuban-American 7 Central or South American 8 Other Hispanic Control Card	4784	CHAR(1)
HORREF1_		4785	CHAR(1)
HORREF2	Hispanic Origin of the spouse CODED - same as HORREF1	4786	CHAR (1)
HORREF2_		4787	CHAR(1)

d. *WORK EXPERIENCE OF REFERENCE PERSON AND SPOUSE*

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
INCWEEK1	Number of weeks worked by reference person full or part time in last 12 months, including paid vacation and paid sick leave BLS derived	482	NUM(2)
INCW_EK1		484	CHAR(1)
INC_HRS1	Number of hours usually worked per week by reference person BLS derived	427	NUM(3)
INC__RS1		430	CHAR(1)

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

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

e. *INCOME*

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT

FINCBTXM	Amount of CU income before taxes in past 12 months (FSALARYXM + FNONFRMM + FFRMINCM + FRRETIRM + FSSIXM + UNEMPLXM + COMPENSM + WELFAREM + INTEARNM + FININCM + PENSIONM + INCLOSSAM + INCLOSBM + ALIOTHXM + CHDOTHXM + OTHRINCM + FOODSMPM) *L BLS derived	5145	NUM(11.1)
FINCB_XM		5156	CHAR(1)
FINCBTX1		5157	NUM(9)
FINCBTX2		5166	NUM(9)
FINCBTX3		5175	NUM(9)
FINCBTX4		5184	NUM(9)
FINCBTX5		5193	NUM(9)
FINCBTXI		5202	NUM(3)
FINCATXM	Amount of CU income after taxes in past 12 months (FINCBTXM – TOTTXPDM) *L BLS derived	5088	NUM(11.1)
FINCA_XM		5099	CHAR(1)
FINCATX1		5100	NUM(9)
FINCATX2		5109	NUM(9)
FINCATX3		5118	NUM(9)
FINCATX4		5127	NUM(9)
FINCATX5		5136	NUM(9)
FSALARYM	Amount of wage and salary income before deductions received by all CU members in past 12 months (sum SALARYXM from MEMB file for all CU members) BLS derived	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)
FNONFRMM	Amount of income or loss from nonfarm business, partnership or professional practice received by all CU members in past 12 months (sum NONFARMM from MEMB file for all CU members) *L BLS derived	5310	NUM(11.1)
FNON_RMM		5321	CHAR(1)
FNONFRM1		5322	NUM(9)
FNONFRM2		5331	NUM(9)
FNONFRM3		5340	NUM(9)
FNONFRM4		5349	NUM(9)
FNONFRM5		5358	NUM(9)
FNONFRMI		5367	NUM(3)
FFRMINCM	Amount of income or loss from own farm received by all CU members in past 12 months (sum FARMINCM from MEMB file for all CU members) *L BLS derived	5024	NUM(11.1)
FFRM_NCM		5035	CHAR(1)
FFRMINC1		5036	NUM(8)
FFRMINC2		5044	NUM(8)
FFRMINC3		5052	NUM(8)
FFRMINC4		5060	NUM(8)
FFRMINC5		5068	NUM(8)
FFRMINCI		5076	NUM(3)
FSSIXM	Amount of Supplemental Security Income from all sources received by all CU members in past 12 months (sum SSIXM from MEMB file for all CU members) BLS derived	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)
UNEMPLXM	During the past 12 months, what was the total amount of income from unemployment compensation received by ALL CU members? CAPI Section 22	6076	NUM(10.1)
UNEM_LXM		6086	CHAR(1)
UNEMPLX1		6087	NUM(8)
UNEMPLX2		6095	NUM(8)
UNEMPLX3		6103	NUM(8)
UNEMPLX4		6111	NUM(8)
UNEMPLX5		6119	NUM(8)
UNEMPLXI		6127	NUM(3)
UNEMPLB	Bracketed variable for UNEMPLXM 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	4644	CHAR(2)
UNEMPLB_		4646	CHAR(1)

UNEMPLBX	Median of bracket range of UNEMPLB BLS derived	4647	NUM(6)
UNEM_LBX		4653	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? CAPI Section 22	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)
COMPENSB	Bracketed variable for COMPENSM 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	4654	CHAR(2)
COMP_NSB		4656	CHAR(1)
COMPNSBX	Median of bracket range of COMPENSB BLS derived	4657	NUM(6)
COMP_SBX		4663	CHAR(1)

WELFAREM	During the past 12 months, what was the total amount of income from public assistance or welfare including money received from job training grants such as Job Corps received by ALL CU members? CAPI Section 22	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)
WELFAREB	Bracketed variable for WELFAREM 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	4664	CHAR(2)
WELF_REB		4666	CHAR(1)
WELFREBX	Median of bracket range of WELFAREB BLS derived	4667	NUM(6)
WELF_EBX		4673	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? CAPI Section 22	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)
INTEARNB	Bracketed variable for INTEARNM 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	4614	CHAR(2)
INTE_RNB		4616	CHAR(1)
INTERNBX	Median of bracket range of INTEARNB BLS derived	4617	NUM(6)
INTE_NBX		4623	CHAR(1)
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? CAPI Section 22	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)

FININCB	Bracketed variable for FININCXM 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	4624	CHAR(2)
FININCB_		4626	CHAR(1)
FININCBX	Median of bracket range of FININCB BLS derived	4627	NUM(6)
FINI_CBX		4633	CHAR(1)
PENSIONM	During the past 12 months, what was the total amount of income from pensions or annuities from private companies, military, Government, IRA, or Keogh received by ALL CU members? CAPI Section 22	5938	NUM(10.1)
PENS_ONM		5948	CHAR(1)
PENSION1		5949	NUM(8)
PENSION2		5957	NUM(8)
PENSION3		5965	NUM(8)
PENSION4		5973	NUM(8)
PENSION5		5981	NUM(8)
PENSIONI		5989	NUM(3)

PENSIONB	Bracketed variable for PENSIONX 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	4634	CHAR(2)
PENS_ONB		4636	CHAR(1)
PNSIONBX	Median of bracket range of PENSIONB BLS derived	4637	NUM(6)
PNSI_NBX		4643	CHAR(1)
INCLOSAM	During the past 12 months, how much net income or loss was received from roomers or boarders? *L CAPI Section 22	5710	NUM(11.1)
INCL_SAM		5721	CHAR(1)
INCLOSA1		5722	NUM(9)
INCLOSA2		5731	NUM(9)
INCLOSA3		5740	NUM(9)
INCLOSA4		5749	NUM(9)
INCLOSA5		5758	NUM(9)
INCLOSAI		5767	NUM(3)

INCLOSAB	Bracketed variable for INCLOSAM 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	4694	CHAR(2)
INCL_SAB		4696	CHAR(1)
INCLSABX	Median of bracket range of INCLOSAB *L BLS derived	4697	NUM(6)
INCL_ABX		4703	CHAR(1)
INCLOSBM	During the past 12 months, how much net income or loss was received from payments from other rental units? *L CAPI Section 22	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)

INCLOSBB	Bracketed variable for INCLOSBM	4704	CHAR(2)
	CODED 00 Loss 01 $0 - $999 02 $1,000 - $1,999 03 $2,000 - $2,999 04 $3,000 - $3,999 05 $4,000 - $4,999 06 $5,000 - $9,999 07 $10,000 - $14,999 08 $15,000 - $19,999 09 $20,000 - $29,999 10 $30,000 - $39,999 11 $40,000 - $49,999 12 $50,000 and over		
	CAPI Section 22		
INCL_SBB		4706	CHAR(1)
INCLSBBX	Median of bracket range of INCLOSBB *L BLS derived	4707	NUM(6)
INCL_BBX		4713	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	4842	NUM(10.1)
CHDO_HXM		4852	CHAR(1)
CHDOTHX1		4853	NUM(8)
CHDOTHX2		4861	NUM(8)
CHDOTHX3		4869	NUM(8)
CHDOTHX4		4877	NUM(8)
CHDOTHX5		4885	NUM(8)
CHDOTHXI		4893	NUM(3)

CHDOTHB	Bracketed variable for CHDOTHXM 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	4724	CHAR(2)
CHDOTHB_		4726	CHAR(1)
CHDOTHBX	Median of bracket range of CHDOTHB BLS derived	4727	NUM(6)
CHDO_HBX		4733	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? CAPI Section 22	4788	NUM(10.1)
ALIO_HXM		4798	CHAR(1)
ALIOTHX1		4799	NUM(8)
ALIOTHX2		4807	NUM(8)
ALIOTHX3		4815	NUM(8)
ALIOTHX4		4823	NUM(8)
ALIOTHX5		4831	NUM(8)
ALIOTHXI		4839	NUM(3)

ALIOTHB	Bracketed variable for ALIOTHXM 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	4734	CHAR(2)
ALIOTHB_		4736	CHAR(1)
ALIOTHBX	Median of bracket range of ALIOTHB BLS derived	4737	NUM(6)
ALIO_HBX		4743	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? CAPI Section 22	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)

OTHRINCB	Bracketed variable for OTHRINCM	4764	CHAR(2)
	CODED 01 \$0 - \$999 02 \$1,000 - \$1,999 03 \$2,000 - \$2,999 04 \$3,000 - \$3,999 05 \$4,000 - \$4,999 06 \$5,000 - \$9,999 07 \$10,000 - \$14,999 08 \$15,000 - \$19,999 09 \$20,000 - \$29,999 10 \$30,000 - \$39,999 11 \$40,000 - \$49,999 12 \$50,000 and over		
	CAPI Section 22		
OTHR_NCB		4766	CHAR(1)
OTRINCBX	Median of bracket range of OTHRINCB	4767	NUM(6)
	BLS derived		
OTRI_CBX		4773	CHAR(1)
FOODSMPM	Value of all food stamps and electronic benefits received	5370	NUM(10.1)
	CAPI Section 22		
FOOD_MPM		5380	CHAR(1)
FOODSMP1		5381	NUM(8)
FOODSMP2		5389	NUM(8)
FOODSMP3		5397	NUM(8)
FOODSMP4		5405	NUM(8)
FOODSMP5		5413	NUM(8)
FOODSMPI		5421	NUM(3)

FOODSMPB	Bracketed variable for FOODXMPM 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	4684	CHAR(2)
FOOD_MPB		4686	CHAR(1)
FOODSPBX	Median of bracket range of FOODSMPB BLS derived	4687	NUM(6)
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. CAPI Section 22	6210	CHAR(1)
COLPLAN_		6211	CHAR(1)
COLPLANX	Amount CU put into a tax-deferred or tax-free educational savings plan CAPI Section 22	6212	NUM(8)
COLP_ANX		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) BLS derived	572	NUM(8)
NONI_CMX		580	CHAR(1)
LUMPSUMX	During the past 12 months, what was the total amount received from lump sum payments from estates, trusts, royalties, alimony, prizes, games of chance, or from persons outside of the CU by ALL CU members? CAPI Section 22	527	NUM(8)
LUMP_UMX		535	CHAR(1)
LUMPSUMB	Bracketed variable for LUMPSUMX CODED 01 $0 - $999 02 $1,000 - $1,999 03 $2,000 - $2,999 04 $3,000 - $3,999 05 $4,000 - $4,999 06 $5,000 - $9,999 07 $10,000 - $14,999 08 $15,000 - $19,999 09 $20,000 - $29,999 10 $30,000 - $39,999 11 $40,000 - $49,999 12 $50,000 and over CAPI Section 22	4744	CHAR(2)
LUMP_UMB		4746	CHAR(1)
LMPSUMBX	Median of bracket range of LUMPSUMB BLS derived	4747	NUM(6)
LMPS_MBX		4753	CHAR(1)
CHDLMPX	During the past 12 months, what was the total amount received from a one time lump sum payment for child support by ALL CU members? CAPI Section 22	3347	NUM(8)

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

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

g. *TAXES*

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
TOTTXPDM	Amount of personal taxes paid by CU in past 12 months (FAMTFEDM + FSLTAXXM + FEDTAXX + SLOCTAXX + TAXPROPX + MISCTAXX - (FEDRFNDX + SLRFUNDX + OTHRFNDX)) *L BLS derived	6019	NUM(11.1)
TOTT_PDM		6030	CHAR(1)
TOTTXPD1		6031	NUM(9)
TOTTXPD2		6040	NUM(9)
TOTTXPD3		6049	NUM(9)
TOTTXPD4		6058	NUM(9)
TOTTXPD5		6067	NUM(9)

FAMTFEDM	Amount of Federal income tax deducted from last pay annualized for all CU members (sum ANFEDTXM from MEMB file for all CU members) BLS derived	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)
FEDTAXX	During the past 12 months, what was the total amount PAID for Federal income tax, in addition to that withheld from earnings, by ALL CU members? CAPI Section 22	265	NUM(8)
FEDTAXX_		273	CHAR(1)
FEDRFNDX	During the past 12 months, what was the total amount of refund received from Federal income tax by ALL CU members? CAPI Section 22	256	NUM(8)
FEDR_NDX		264	CHAR(1)
FSLTAXXM	Amount of state and local income taxes deducted from last pay annualized for all CU members (sum ANSLTXM from MEMB file for all CU members) BLS derived	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)

SLOCTAXX	During the past 12 months, what was the total amount PAID for state and local income taxes, in addition to that withheld from earnings, by ALL CU members? CAPI Section 22	742	NUM(8)
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? CAPI Section 22	751	NUM(8)
SLRF_NDX		759	CHAR(1)
TAXPROPX	During the past 12 months, what was the total amount PAID for personal property taxes **for vehicles** by ALL CU members? CAPI Section 22	772	NUM(8)
TAXP_OPX		780	CHAR(1)
MISCTAXX	During the past 12 months, what was the total amount PAID for **personal property taxes** and other taxes not reported elsewhere by ALL CU members? CAPI Section 22	515	NUM(8)
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? CAPI Section 22	606	NUM(8)
OTHR_NDX		614	CHAR(1)

h. *RETIREMENT AND PENSION DEDUCTIONS*

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
FJSSDEDM	Estimated amount of income contributed to Social Security by all CU members in past 12 months (sum JSSDEDXM from MEMB file for all CU members) BLS derived	5259	NUM(10.1)
FJSS_EDM		5269	CHAR(1)
FJSSDED1		5270	NUM(8)
FJSSDED2		5278	NUM(8)

FJSSDED3		5286	NUM(8)
FJSSDED4		5294	NUM(8)
FJSSDED5		5302	NUM(8)
FRRDEDM	Amount of Railroad Retirement deducted from last pay annualized for all CU members (sum ANRRDEDM from MEMB file for all CU members) BLS derived	5433	NUM(8)
FRRDEDM_		5441	CHAR(1)
FGOVRETM	Amount of government retirement deducted from last pay annualized for all CU members (sum ANGOVRTM from MEMB file for all CU members) BLS derived	5079	NUM(8)
FGOV_ETM		5087	CHAR(1)
FPRIPENM	Amount of private pensions deducted from last pay annualized for all CU members (sum ANPRVPNM from MEMB file for all CU members) BLS derived	5424	NUM(8)
FPRI_ENM		5432	CHAR(1)
FINDRETX	Amount of money placed in an individual retirement plan, such as an IRA or Keogh, by all CU members in past 12 months (sum INDRETX from MEMB file for all CU members) BLS derived	313	NUM(8)
FIND_ETX		321	CHAR(1)

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

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

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

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

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

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

j. *HOUSING STRUCTURE*

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

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

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

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

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

k. *WEIGHTS*

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

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

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

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

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

I. ***SUMMARY EXPENDITURE DATA***

Main Summary Level Expenditure Variables

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

All of the following summary level variables are BLS derived. The composition of each summary expenditure variable is given below the variable description. An underlined UCC represents either a new UCC or a deleted UCC. Please note that new UCCs may not be represented in all quarters. The quarter in which the addition (deletion) to the summary expenditure variable occurs is denoted by a leading superscript directly prior to the UCC code. For example, ^{N051}<UCC> or ^{D051}<UCC> identifies an addition or deletion of a given UCC to the summary expenditure variable beginning in Q051.

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 2005Q1 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 (*To be used for population estimates - see information under Summary Expenditure Data heading.*) TOTEXPPQ - MISCPQ + MISC1PQ + 4*(MISC2PQ)	3387	NUM(12,4)
TOTEX4CQ	Adjusted total expenditures this quarter collected in Interview Survey (*To be used for population estimates - see information under Summary Expenditure Data heading.*) same composition as above	3399	NUM(12,4)
NOTE:	**TOTEXPPQ, *TOTEXPCQ, *TOTEX4PQ, and *TOTEX4CQ, totals exclude items which are only collected in the Diary Survey. See Section VIII for a further explanation.*		
FOODPQ	Total food last quarter FDHOMEPQ + FDAWAYPQ	1349	NUM(12,4)
FOODCQ	Total food this quarter same composition as above	1361	NUM(12,4)
FDHOMEPQ	Food at home last quarter 190904 790220 790230	1373	NUM(12,4)

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

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

	260111 260112 260113 260114		
ELCTRCCQ	Electricity this quarter same UCCs as above	1793	NUM(12,4)
ALLFULPQ	Fuel oil and other fuels last quarter FULOILPQ + OTHFLSPQ	1805	NUM(12,4)
ALLFULCQ	Fuel oil and other fuels this quarter same composition as above	1817	NUM(12,4)
FULOILPQ	Fuel oil last quarter 250111 250112 250113 250114	1829	NUM(12,4)
FULOILCQ	Fuel oil this quarter same UCCs as above	1841	NUM(12,4)
*OTHFLSPQ	Other fuels last quarter 250211 250212 250213 250214 [D052]250221 [D052]250222 [D052]250223 [D052]250224 [D052]250901 [D052]250902 [D052]250903 [D052]250904 [N052]250911 [N052]250912 [N052]250913 [N052]250914	1853	NUM(12,4)
OTHFLSCQ	Other fuels this quarter same UCCs as above	1865	NUM(12,4)
TELEPHPQ	Telephone services last quarter 270101 270102 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 [D052]340915	1973	NUM(12,4)
DMSXCCCQ	Domestic services excluding child care this quarter	1985	NUM(12,4)

	same UCCs as above		
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 [N052]340915 690113 690114 [N052]690116 990900	2021	NUM(12,4)
OTHHEXCQ	Other household expenses this quarter same UCCs as above	2033	NUM(12,4)
HOUSEQPQ	House furnishings and equipment last quarter TEXTILPQ + FURNTRPQ + FLRCVRPQ + MAJAPPPQ + SMLAPPPQ + MISCEQPQ	2045	NUM(12,4)
HOUSEQCQ	House furnishings and equipment this quarter same composition as above	2057	NUM(12,4)
TEXTILPQ	Household textiles last quarter 280110 280120 280130 280210 280220 280230 280900	2069	NUM(12,4)
TEXTILCQ	Household textiles this quarter same UCCs as above	2081	NUM(12,4)
FURNTRPQ	Furniture last quarter 290110 290120 290210 290310 290320 290410 290420 290430 290440	2093	NUM(12,4)
FURNTRCQ	Furniture this quarter same UCCs as above	2105	NUM(12,4)
FLRCVRPQ	Floor coverings last quarter 230133 230134 320111 320163	2117	NUM(12,4)
FLRCVRCQ	Floor coverings this quarter same UCCs as above	2129	NUM(12,4)
MAJAPPPQ	Major appliances last quarter 230117 230118 300111 300112 300211 300212 300221 300222 300311 300312 300321 300322 300331 300332 300411 300412 320511 320512	2141	NUM(12,4)
MAJAPPCQ	Major appliances this quarter same UCCs as above	2153	NUM(12,4)
SMLAPPPQ	Small appliances, miscellaneous housewares last quarter 320310 320320 320330 320340 320350 320360	2165	NUM(12,4)

	320370 320521 320522		
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 N052 690115 690210 D052 690220 690230 690241 690242 690243 690244 690245	2189	NUM(12,4)
MISCEQCQ	Miscellaneous household equipment this quarter same UCCs as above	2201	NUM(12,4)
APPARPQ	Apparel and services last quarter MENBOYPQ + WOMGRLPQ + CHLDRNPQ + FOOTWRPQ + OTHAPLPQ	2213	NUM(12,4)
APPARCQ	Apparel and services this quarter Same composition as above	2225	NUM(12,4)
MENBOYPQ	Clothing for men and boys last quarter MENSIXPQ + BOYFIFPQ	2237	NUM(12,4)
MENBOYCQ	Clothing for men and boys this quarter same composition as above	2249	NUM(12,4)
MENSIXPQ	Clothing for men, 16 and over last quarter 360110 360120 360210 360311 360312 360320 360330 360340 360350 360410 360511 360512 360901 360902	2261	NUM(12,4)
MENSIXCQ	Clothing for men, 16 and over this quarter same UCCs as above	2273	NUM(12,4)
BOYFIFPQ	Clothing for boys, 2 to 15 last quarter 370110 370120 370130 370211 370212 370213 370220 370311 370312 370313 370902 370903 370904	2285	NUM(12,4)
BOYFIFCQ	Clothing for boys, 2 to 15 this quarter same UCCs as above	2297	NUM(12,4)
WOMGRLPQ	Clothing for women and girls last quarter WOMSIXPQ + GRLFIFPQ	2309	NUM(12,4)
WOMGRLCQ	Clothing for women and girls this quarter same composition as above	2321	NUM(12,4)
WOMSIXPQ	Clothing for women, 16 and over last quarter 380110 380210 380311 380312 380313 380320 380331 380332 380340 380410 380420 380430 380510 380901 380902 380903	2333	NUM(12,4)
WOMSIXCQ	Clothing for women, 16 and over this quarter	2345	NUM(12,4)

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

GASMOCQ	Gasoline and motor oil this quarter 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 [N052]480212 480213 480214 [N052]480215 490110 490211 490212 490221 490231 490232 490311 490312 490313 490314 490318 490319 490411 490412 490413 490501 [D052]490502 490900	2597	NUM(12,4)
MAINRPCQ	Maintenance and repairs this quarter same UCCs as above	2609	NUM(12,4)
VEHINSPQ	Vehicle insurance last quarter 500110	2621	NUM(12,4)
VEHINSCQ	Vehicle insurance this quarter same UCC as above	2633	NUM(12,4)
*VRNTLOPQ	Vehicle rental, leases, licenses, and other charges last quarter 450310 450313 450314 450410 450413 450414 520111 520112 520310 520410 520511 520512 520521 520522 520531 520532 [N052]520541 520542 520550 [N052]520560 520902 520903 520905 520906 620113	2645	NUM(12,4)
VRNTLOCQ	Vehicle rental, leases, licenses, and other charges this quarter same UCCs as above	2657	NUM(12,4)
PUBTRAPQ	Public transportation last quarter TRNTRPPQ + TRNOTHPQ	2669	NUM(12,4)
PUBTRACQ	Public transportation this quarter same composition as above	2681	NUM(12,4)
TRNTRPPQ	Public transportation on trips last quarter 530110 530210 530312 530411 530510 530901	2693	NUM(12,4)
TRNTRPCQ	Public transportation on trips this quarter same UCCs as above	2705	NUM(12,4)
TRNOTHPQ	Local public transportation, excluding on trips last quarter 530311 530412 530902	2717	NUM(12,4)
TRNOTHCQ	Local public transportation, excluding on trips this quarter same UCCs as above	2729	NUM(12,4)
HEALTHPQ	Health care last quarter HLTHINPQ + MEDSRVPQ + PREDRGPQ + MEDSUPPQ	2741	NUM(12,4)

HEALTHCQ	Health care this quarter same composition as above	2753	NUM(12,4)
*HLTHINPQ	Health insurance last quarter 580111 580112 580113 580114 580311 580312 N052 580400 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 D052 570110 N052 570111 D052 570210 570220 570230 570240	2789	NUM(12,4)
MEDSRVCQ	Medical services this quarter same UCCs as above	2801	NUM(12,4)
PREDRGPQ	Prescription drugs last quarter 540000	2813	NUM(12,4)
PREDRGCQ	Prescription drugs this quarter same UCC as above	2825	NUM(12,4)
MEDSUPPQ	Medical supplies last quarter 550110 550320 550330 550340 570901 570903	2837	NUM(12,4)
MEDSUPCQ	Medical supplies this quarter same UCCs as above	2849	NUM(12,4)
ENTERTPQ	Entertainment last quarter FEEADMPQ + TVRDIOPQ + OTHEQPPQ	2861	NUM(12,4)
ENTERTCQ	Entertainment this quarter same composition as above	2873	NUM(12,4)
FEEADMPQ	Fees and admissions last quarter 610900 620111 620121 620122 620211 620212 620221 620222 620310 620903	2885	NUM(12,4)
FEEADMCQ	Fees and admissions this quarter same UCCs as above	2897	NUM(12,4)
*TVRDIOPQ	Televisions, radios, and sound equipment last quarter 270310 D052 310110 D052 310120 D052 310130 N052 310140 310210 310220 310230 N052 310240 310311 310313 N052 310314 310320 310333 310334 N052 310340 D052 310341 D052 310342 N052 310350 340610 340902 340905 610130 620904 620912	2909	NUM(12,4)
TVRDIOCQ	Televisions, radios, and sound equipment this quarter same UCCs as above	2921	NUM(12,4)
OTHEQPPQ	Other equipment and services last quarter	2933	NUM(12,4)

PETTOYPQ + OTHENTPQ

OTHEQPCQ	Other equipment and services this quarter same composition as above	2945	NUM(12,4)
PETTOYPQ	Pets, toys, and playground equipment last quarter 610110 610120 610320 620410 620420	2957	NUM(12,4)
PETTOYCQ	Pets, toys, and playground equipment this quarter same UCCs as above	2969	NUM(12,4)
*OTHENTPQ	Other entertainment last quarter 520901 520904 520907 600110 600121 600122 600132 600141 600142 600210 600310 600410 600420 600430 600901 600902 610210 610230 620320 620330 620905 620906 620908 620909 620919 620921 620922 [N052]620930	2981	NUM(12,4)
OTHENTCQ	Other entertainment this quarter same UCCs as above	2993	NUM(12,4)
PERSCAPQ	Personal care last quarter 640130 640420 650310	3005	NUM(12,4)
PERSCACQ	Personal care this quarter same UCCs as above	3017	NUM(12,4)
*READPQ	Reading last quarter [D052]590111 [D052]590112 [D052]590211 [D052]590212 590220 590230 [N052]590310 [N052]590410 660310	3029	NUM(12,4)
READCQ	Reading this quarter same UCCs as above	3041	NUM(12,4)
EDUCAPQ	Education last quarter 660110 660210 660900 670110 670210 670901 670902	3053	NUM(12,4)
EDUCACQ	Education this quarter same UCCs as above	3065	NUM(12,4)
TOBACCPQ	Tobacco and smoking supplies last quarter 630110 630210	3077	NUM(12,4)
TOBACCCQ	Tobacco and smoking supplies this quarter same UCCs as above	3089	NUM(12,4)
MISCPQ	Miscellaneous expenditures last quarter MISC1PQ + MISC2PQ	3101	NUM(12,4)
MISCCQ	Miscellaneous expenditures this quarter same composition as above	3113	NUM(12,4)
MISCX4PQ	Adjusted miscellaneous expenditures last quarter	3411	NUM(12,4)

(*To be used for population estimates - see information under*

	Summary Expenditure Data heading.) MISC1PQ + (4*MISC2PQ)		
MISCX4CQ	Adjusted miscellaneous expenditures this quarter (*To be used for population estimates - see information under Summary Expenditure Data heading.*) same composition as above	3423	NUM(12,4)
*MISC1PQ	Miscellaneous expenditures last quarter (data collected in all interviews) 620112 620115 620926 680110 680140 680210 680220 680901 680902 [N052]680904 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 *NOTE: See important information about the miscellaneous expenditure variables under the SUMMARY EXPENDITURE DATA heading prior to this list of variables.*	3161	NUM(12,4)
CASHCOPQ	Cash contributions last quarter 800111 800121 800804 800811 800821 800831 800841 800851 800861	3173	NUM(12,4)
CASHCOCQ	Cash contributions this quarter same UCCs as above *NOTE: See important information about the cash contributions variables under the SUMMARY EXPENDITURE DATA heading prior to this list of variables.*	3185	NUM(12,4)
PERINSPQ	Personal insurance and pensions last quarter LIFINSPQ + RETPENPQ	3197	NUM(12,4)
PERINSCQ	Personal insurance and pensions this quarter same composition as above	3209	NUM(12,4)
LIFINSPQ	Life and other personal insurance last quarter 002120 700110	3221	NUM(12,4)
LIFINSCQ	Life and other personal insurance this quarter same UCCs as above	3233	NUM(12,4)

RETPENPQ	Retirement, pensions, Social Security last quarter 800910 800920 800931 800932 800940	3245	NUM(12,4)
RETPENCQ	Retirement, pensions, Social Security this quarter same UCCs as above	3257	NUM(12,4)

Travel related summary expenditure variables

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

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)

<u>Expenditure Outlays Summary Variables</u>

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

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

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

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

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

	Same composition as above		
EMOTRVHP	Outlays for motored recreational vehicles last quarter. 870605, 870606, 870607, 870608, 870701, 870702, 870703, 870704, 870801, 870802, 870803, 870804	4526	NUM(10,3)
EMOTRVHC	Outlays for motored recreational vehicles this quarter. Same composition as above	4536	NUM(10,3)
*EENTMSCP	Miscellaneous entertainment outlays last quarter including photographic and sports equipment, and boat and RV rentals. 520901, 520904, 520907, 600110, 600210, 600310, 600410, 600420, 600430, 600901, 600902, 610210, 610230, 620320, 620330, 620905, 620906, 620908, 620909, 620919, 620921, 620922 [N052]620930	4546	NUM(10,3)
EENTMSCC	Miscellaneous entertainment outlays this quarter including photographic and sports equipment, and boat and RV rentals. Same composition as above	4556	NUM(10,3)
EMISCELP	Miscellaneous outlays last quarter including reduction of mortgage principal (lump sum home equity loan) on other property. MISCPQ + EMISCMTP	4566	NUM(10,3)
EMISCELC	Miscellaneous outlays this quarter including reduction of mortgage principal (lump sum home equity loan) on other property. Same composition as above	4576	NUM(10,3)
EMISCMTP	Mortgage principal outlays last quarter for other property. 790920, 790940, 880220 Since the value of the cost variable for these UCCs are always negative, the absolute value of the MTAB costs are used to convert the values of this family file variable to positive values.	4586	NUM(10,3)
EMISCMTC	Mortgage principal outlays this quarter for other property. Same composition as above	4596	NUM(10,3)

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

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

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

a. *CU AND MEMBER IDENTIFIERS*

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

b. *CHARACTERISTICS OF MEMBER*

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

	1 Male 2 Female Control card		
MARITAL	Is the member now . . . ? (Marital status) CODED 1 Married 2 Widowed 3 Divorced 4 Separated 5 Never married Control card	147	CHAR(1)
EDUCA	What is the highest level of school the member has completed or the highest degree the member has received? CODED 00 Never attended school 01-11 1st grade through 11th grade 38 Twelfth grade – no degree 39 High school graduate 40 Some college – no degree 41 Associate's degree (occupational/vocational) 42 Associate's degree (academic) 43 Bachelor's degree 44 Master's degree 45 Professional degree 46 Doctorate degree Control card	169	CHAR(1)
EDUCA_		74	CHAR(2)
IN_COLL	Is the member currently enrolled in a college or university either . . .? CODED 1 Full time 2 Part time 3 Not at all Control card	76	CHAR(1)
IN_COLL_		112	CHAR(1)
ARM_FORC	Is the member now in the armed forces? CODED 1 Yes 2 No Control card	113	CHAR(1)
ARM__ORC		66	CHAR(1)

EARNER	Does member earn income? CODED 1 Yes, member earns income. 2 No, member does not earn income. BLS derived	67	CHAR(1)
EARNER_		70	CHAR(1)
EARNTYPE	Type of earner CODED 1 Member worked full time for a full year. 2 Member worked part time for a full year. 3 Member worked full time for part of year. 4 Member worked part time for part of year. BLS derived	71	CHAR(1)
EARN_YPE		72	CHAR(1)
SCHMLWKQ	How many weeks did the member purchase meals at school? CAPI Section 20	73	CHAR(1)
SCHM_WKQ		214	NUM(2)
SCHMLWKX	What is the usual WEEKLY expense for the meals the member purchased at school? CAPI Section 20	216	CHAR(1)
SCHM_WKX		217	NUM(3)
HORIGIN	Are you Hispanic Latino, or Spanish? 1 Yes 2 No Control Card	220	CHAR(1)
HISPANIC	Country of Hispanic Origin Coded: 1 Mexican 2 Mexican-American 3 Chicano 4 Puerto Rican 5 Cuban 6 Cuban-American 7 Central or South American 8 Other Hispanic group not listed Blank for non-Hispanic Control Card	312	CHAR(1)
HISP_NIC		313	CHAR(1)

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

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

c. *WORK EXPERIENCE OF MEMBER*

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
INCWEEKQ	In the last 12 months, how many weeks did the member work either full or part time not counting work around the house? Include paid vacation and paid sick leave. CAPI Section 22	126	NUM(2)
INCW_EKQ		128	CHAR(1)
INC_HRSQ	In the weeks that the member worked, how many hours did the member usually work per week? CAPI Section 22	114	NUM(3)
INC__RSQ		117	CHAR(1)
OCCUCODE	The job in which the member received the most earnings during the past 12 months fits best in the following category: CODED Manager, professional 01 Administrator, manager 02 Teacher 03 Professional Administrative support, technical, sales 04 Administrative support, including clerical 05 Sales, retail	166	CHAR(2)

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

CAPI Section 22

OCCU_ODE 168 CHAR(1)

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

INCOMEY_ 123 CHAR(1)

INCORP Is the business incorporated? (For members who are self-employed in own business or professional practice, excluding farms.) Refers to job where member received the most earnings in the past 12 months. 124 CHAR(1)
CODED
1 Yes
2 No

CAPI Section 22

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.) CODED 1 Salaried 2 Self-employed 3 Working without pay BLS derived	181	CHAR(1)
PWRK_TAT		182	CHAR(1)
INCNONWK	What was the main reason the member did not work during the past 12 months? Was the member . . .? CODED 1 Retired 2 Taking care of home/family 3 Going to school 4 Ill, disabled, unable to work 5 Unable to find work 6 Doing something else CAPI Section 22	120	CHAR(1)
INCN_NWK		121	CHAR(1)

d. *INCOME*

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
SALARYXM	During the past 12 months, what was the amount of wages or salary income received before any deductions? CAPI Section 22	590	NUM(10.1)
SALA_YXM		600	CHAR(1)
SALARYX1		601	NUM(8)
SALARYX2		609	NUM(8)
SALARYX3		617	NUM(8)
SALARYX4		625	NUM(8)
SALARYX5		633	NUM(8)
SALARYXI		641	NUM(3)
SALARYB	Bracketed variable for SALARYXM CODED	262	CHAR(2)

	01 $0 - $4,999 02 $5,000 - $9,999 03 $10,000 - $14,999 04 $15,000 - $19,999 05 $20,000 - $29,999 06 $30,000 - $39,999 07 $40,000 - $49,999 08 $50,000 - $69,999 09 $70,000 - $89,999 10 $90,000 - $119,999 11 $120,000 and over CAPI Section 22		
SALARYB_		264	CHAR(1)
SALARYBX	Median of bracket range of SALARYB BLS derived	265	NUM(6)
SALA_YBX		271	CHAR(1)
GROSPAYX	What was the gross amount of the member's last pay? CAPI Section 22	101	NUM(10)
GROS_AYX		111	CHAR(1)
PAYPERD	What period of time did this last gross pay cover? CODED 1 One week 2 Two weeks 3 Month 4 Quarter 5 Year 6 Other 7 Twice a month CAPI Section 22	170	CHAR(1)
PAYPERD_		171	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 CAPI Section 22	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)
NONFARMB	Bracketed variable for NONFARMM 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	272	CHAR(2)
NONF_RMB		274	CHAR(1)
NONFRMBX	Median of bracket range of NONFARMB *L BLS derived	275	NUM(6)
NONF_MBX		281	CHAR(1)
NFRMLOSS	Was there a loss from the member's own nonfarm business, partnership, or professional practice? CODED 01 Yes 02 No CAPI Section 22	153	CHAR(1)
NFRM_OSS		154	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 CAPI Section 22	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)
FARMINCB	Bracketed variable for FARMINCM 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	282	CHAR(2)
FARM_NCB		284	CHAR(1)
FRMINCBX	Median of bracket range of FARMINCB *L BLS derived	285	NUM(6)
FRMI_CBX		291	CHAR(1)
FARMLOSS	Was there a loss from the member’s own farm? CODED 01 Yes 02 No CAPI Section 22	90	CHAR(1)
FARM_OSS		91	CHAR(1)
SOCRRXM	Amount of Social Security and Railroad Retirement income received by member in past 12 months BLS derived	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)
RRRETIRM	What was the amount of the last Social Security or Railroad Retirement payment received? (In past 12 months) CAPI Section 22	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)
RRRETIRB	Bracketed variable for RRRETIRM 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	292	CHAR(2)
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? CODED 1 Yes 2 No	118	CHAR(1)

	CAPI Section 22		
INCM_DCR		119	CHAR(1)
SS_RRQ	During the past 12 months, how many Social Security or Railroad Retirement payments did the member receive? CAPI Section 22	248	NUM(2)
SS_RRQ_		250	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) CAPI Section 22	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)
SSIB	Bracketed variable for SSIXM 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	302	CHAR(2)
SSIB_		304	CHAR(1)
SSIBX	Median of bracket range of SSIB BLS derived	305	NUM(6)

SSIBX_		311	CHAR(1)

e. ***TAXES***

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
ANFEDTXM	Annualized amount of Federal income tax deducted from last pay ((AMTFED/GROSPAYX) x SALARYXM) BLS derived	332	NUM(8)
ANFE_TXM		340	CHAR(1)
AMTFED	How much was deducted from the member's last pay for Federal income tax? CAPI Section 22	12	NUM(8)
AMTFED_		20	CHAR(1)
ANSLTXM	Annualized amount of state and local income taxes deducted from last pay ((SLTAXX/GROSPAYX x SALARYXM) BLS derived	368	NUM(8)
ANSLTXM_		376	CHAR(1)
SLTAXX	How much was deducted from the member's last pay for state and local income tax? CAPI Section 22	230	NUM(8)
SLTAXX_		238	CHAR(1)

f. ***RETIREMENT AND PENSION DEDUCTIONS***

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

JSSDEDXM	Estimated amount of income contributed to Social Security by member in past 12 months BLS derived	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)
MEDICOV	Does the money deducted for Social Security cover only the Medicare portion of Social Security? CODED 1 Yes 2 No CAPI Section 22	149	CHAR(1)
MEDICOV_		150	CHAR(1)
SLFEMPSM	Amount of income contributed to Social Security by member if self-employed BLS derived	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)
ANRRDEDM	Annualized amount of Railroad Retirement deducted from last pay ((RRRDEDX/GROSPAYX x SALARYXM) BLS derived	359	NUM(8)
ANRR_EDM		367	CHAR(1)
RRRDEDX	How much was deducted from the member's last pay for Railroad Retirement? CAPI Section 22	185	NUM(8)

RRRDEDX_		193	CHAR(1)
ANGOVRTM	Annualized amount of Government Retirement deducted from last pay ((GOVRETX/GROSPAYX x SALARYXM) BLS derived	341	NUM(8)
ANGO_RTM		349	CHAR(1)
GOVRETX	How much was deducted from the member's last pay for Government Retirement? CAPI Section 22	92	NUM(8)
GOVRETX_		100	CHAR(1)
ANPRVPNM	Annualized amount of private pensions deducted from last pay ((PRIVPENX/GROSPAYX x SALARYXM) BLS derived	350	NUM(8)
ANPR_PNM		358	CHAR(1)
PRIVPENX	How much was deducted from the member's last pay for private pension fund? CAPI Section 22	172	NUM(8)
PRIV_ENX		180	CHAR(1)
EMPLCONT	Other than Social Security, did any employer or union that the member worked for during the last 12 months contribute to a pension or retirement plan that the member was enrolled in? CODED 1 Yes 2 No CAPI Section 22	77	CHAR(1)
EMPL_ONT		78	CHAR(1)
INDRETX	During the past 12 months, how much money did the member place in a retirement plan such as Individual Retirement Account (IRA & Keogh)? (Exclude rollovers) CAPI Section 22	129	NUM(10)
INDRETX_		139	CHAR(1)

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

In the MTAB file, each expenditure reported by a CU is identified by UCC, gift/nongift status, and month in which the expenditure occurred. UCCs are six digit codes that identify items or groups of items.

(See Section XIII.A for a listing of UCCs.) The expenditure data record purchases that were made during the three month period prior to the month of the interview. There may be more than one record for a UCC in a single month if that is what was reported to the interviewer. There are no missing values in this file. If no expenditure was reported for the item(s) represented by a UCC, then there is no record for the UCC on the file.

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

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

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

VARIABLE	**ITEM DESCRIPTION**	**START POSITION**	**FORMAT**
NEWID	CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5. It is possible for a CU to skip an interview. For example, a CU could have a 2nd, 3rd and 5th interview but no 4th interview. BLS derived	1	NUM(8)
UCC	Universal Classification Code See Section XIII.A. for a listing of MTAB UCC codes and titles. BLS derived	9	CHAR(6)
COST	Cost *L BLS derived	15	NUM(12,4)

COST_	Cost flag CODED Computation Status of Cost: T Topcoded 0 No change 1 One of the source fields was flagged by Census 2 Manually updated Note: All of the following flags (3-9 & Q-S) indicate the source field data were adjusted by BLS. 3 Imputation 4 Allocation 5 Imputation and allocation 6 Computation 7 Computation and imputation 8 Computation and allocation 9 Computation, imputation and allocation Q Manual imputation R Manual allocation S Special processing of trips and vacations data BLS derived	27	CHAR(1)
GIFT	Was item bought for someone outside the CU? CODED 1 Yes 2 No BLS derived	28	CHAR(1)
PUBFLAG	Is cost included in published bulletin? CODED 1 Not published 2 Published in Integrated Bulletin BLS derived	29	CHAR(1)
REF_MO	Reference month of this expenditure BLS derived	30	CHAR(2)
REF_YR	Reference year of this expenditure BLS derived	32	CHAR(4)

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

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

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

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

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

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

5. IMPUTED INCOME (ITAB IMPUTE) FILE

As a result of the introduction of multiply imputed income data in the Consumer Expenditure Survey, the ITAB_IMPUTE file is now on the Microdata. It is very similar to the ITAB file, except that the variable "IMPNUM" will indicate the number (1-5) of the imputation variant of the income variable.

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

	BLS derived		
VALUE_	Value flag CODED T - Topcoded Blank - Not topcoded 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 CODED 20051 2005, 1st quarter 20052 2005, 2nd quarter 20053 2005, 3rd quarter 20054 2005, 4th quarter 20061 2006, 1st quarter BLS derived	1	CHAR(5)
NEWID	CU identification number. Digits 1-7 (CU sequence number, 1 through 9999999) uniquely identify the CU. Digit 8 is the interview number, 2 through 5. It is possible for a CU to skip an interview. For example, a CU could have a 2nd, 3rd and 5th interview but no 4th interview. BLS derived	6	NUM(8)
SEQNO	Sequence number, uniquely identifies each EXPN record based on order of entries on survey questionnaire BLS derived	14	NUM(3)
ALCNO	Allocation number, field in common to all rows. Identifies rows that are the result of allocation. If ALCNO is greater than zero then the observation is a result of allocation. ALCNO can be	17	NUM(3)

used in conjunction with SEQNO to derive a value which has been allocated and written over with the flag H (see the notes under "ALLOCATION AND RECORD ORIGIN" for instructions).

BLS derived

REC_ORIG	Describes the origin of the record, field in common to all records (see "ALLOCATION AND RECORD ORIGIN" for the codes and their descriptions). BLS derived	20	CHAR(1)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*MAJCODE	Does your CU have any of the following appliances? CODED 01 Electric stove **D(Y052)** 01 Cooking stove, range, or oven **N(Y052)** 02 Gas stove **D(Y052)** 03 Microwave oven 04 Other cooking stove **D(Y052)** 05 Refrigerator 06 Home freezer 07 Built-in dishwasher 08 Portable dishwasher 09 Garbage disposal 10 Clothes washer 11 Clothes dryer 12 Color televisions **D(Y052)** 12 Television **N(Y052)** 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) **D(Y052)** 15 VCRs, DVD players or digital video recorders **N(Y052)** BLS derived	21	CHAR(2)
MAJCODE_		23	CHAR(1)
MAJAPPLQ	How many of each appliance? CAPI Section 1	24	NUM(2)

MAJA_PLQ		26	CHAR(1)
*PURCHOWN	Purchase for own use CAPI Section 1 **D(Y052)**	29	CHAR(1)
*PURC_OWN	**D(Y052)**	30	CHAR(1)
*INCLOWN	Included with owned home CAPI Section 1 **D(Y052)**	31	CHAR(1)
*INCLOWN_	**D(Y052)**	32	CHAR(1)
*RECDGIFT	Received as a gift CAPI Section 1 **D(Y052)**	33	CHAR(1)
*RECD_IFT	**D(Y052)**	34	CHAR(1)
*INCLRENT	Included with rental unit CAPI Section 1 **D(Y052)**	35	CHAR(1)
*INCL_ENT	**D(Y052)**	36	CHAR(1)
*RENTSEP	Rented separately CAPI Section 1 **D(Y052)**	37	CHAR(1)
*RENTSEP_	**D(Y052)**	38	CHAR(1)
*INCLHOME	Included in the home when you moved in? 1 – Yes 2 – No CAPI Section 1 **N(Y052)**	39	CHAR(1)
*INCL_OME	**N(Y052)**	40	CHAR(1)

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

CU Tenure, Rental Payments, Facilities, and Services

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
SAMP_UN	Is this the sample unit? CODED 1 This is the sample unit (=Part A). 2 This is not the sample unit (=Part B). BLS derived	21	CHAR(1)
SAMP_UN_		22	CHAR(1)
RTELECT	Does the rental payment include the cost of electricity? CODED 1 Yes 2 No CAPI Section 2	33	CHAR(1)
RTELECT_		34	CHAR(1)
RTGAS	Does the rental payment include the cost of gas? CODED 1 Yes 2 No CAPI Section 2	35	CHAR(1)
RTGAS_		36	CHAR(1)
RTWATER	Does the rental payment include the cost of piped-in water? CODED 1 Yes 2 No CAPI Section 2	37	CHAR(1)
RTWATER_		38	CHAR(1)
RTHEAT	Does the rental payment include the cost of heating? CODED 1 Yes 2 No CAPI Section 2	39	CHAR(1)
RTHEAT_		40	CHAR(1)
RTTRASH	Does the rental payment include the cost of trash/garbage	41	CHAR(1)

	collection? CODED 1 Yes 2 No CAPI Section 2		
RTTRASH_		42	CHAR(1)
RTASPAY	Did you (or any members of your CU) receive free or reduced rent for this unit as a form of pay since the first of *(month, 3 months ago)*? CODED 1 Yes 2 No CAPI Section 2	43	CHAR(1)
RTASPAY_		44	CHAR(1)
RTCOMPX	What is the rental charge to another tenant for a similar unit? CAPI Section 2	45	NUM(6)
RTCOMPX_		51	CHAR(1)
RTCMPPD	What period of time does this charge cover? CODED 1 Month 2 Other CAPI Section 2	52	CHAR(1)
RTCMPPD_		53	CHAR(1)
RTBSNSZ	What percent of the rental payment is counted as a business expense? CAPI Section 2	62	NUM(4,2)
RTBSNSZ_		66	CHAR(1)
JRTPAYQV	Quarterly value of rent received as pay BLS derived	77	NUM(8)
JRTP_YQV		85	CHAR(1)
QRT3MCMX	Total rental payments made in reference period, adjusted for business and rooms rented to others. Includes extra charges for garage and parking facilities. BLS derived	86	NUM(8)
QRT3_CMX		94	CHAR(1)

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

PART B Detailed Property Description (OPB)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOB	Property number CAPI Section 3	21	CHAR(2)
PROP0NOB		23	CHAR(1)
OWNYB	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property CAPI Section 3	24	CHAR(3)
OWNYB_		27	CHAR(1)
OBSNSZB	What percent of the expenses are deducted as business, farm or rental expenses? CAPI Section 3	28	NUM(4,2)
OBSNSZB_		32	CHAR(1)
PROPTYPE	Is this property a condominium, cooperative, or something else? (Asked if not apparent.) CODED 1 A condominium 2 A cooperative 3 Something else CAPI Section 3	33	CHAR(1)
PROP_YPE		34	CHAR(1)
ACQUIRMO	In what month did you close or settle on this property? If land contract – In what month did the land contract begin? CAPI Section 3	35	CHAR(2)
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		
ACQU_RYR		42	CHAR(1)
ACQMETH	How did you (your CU) acquire this property? CODED 1 A purchase, a contract with a builder, or a trade-in 2 A gift or inheritance 3 Other CAPI Section 3	43	CHAR(1)
ACQMETH_		44	CHAR(1)
OWN_PURX	Not including closing costs, what was the total price paid for the property? CAPI Section 3	45	NUM(8)
OWN__URX		53	CHAR(1)
OWNDPMTX	What was the amount of the down payment? CAPI Section 3	54	NUM(8)
OWND_MTX		62	CHAR(1)
CLOSECST	About how much were the closing costs? (Includes property survey charges, title search, recording fees, transfer taxes, escrow payment, points paid by buyer, deed preparation, lawyer's fees, advertising cost, etc.) CAPI Section 3	63	NUM(8)
CLOS_CST		71	CHAR(1)
PROPVALX	About how much do you think this property would sell for on today's market? CAPI Section 3	72	NUM(8)
PROP_ALX		80	CHAR(1)
VSHARED	Do you (Does your CU) share ownership of this property with anyone else outside of your CU? (OWNYB = 300 only) CODED 1 Yes 2 No CAPI Section 3	81	CHAR(1)
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	83	CHAR(1)

has) ownership of the property only for a specified time period each year? (OWNYB = 300 only)
CODED
1 Share ownership for entire year
2 Time-sharing arrangement

CAPI Section 3

VTIM_SHR		84	CHAR(1)
QADPTAX	Amount of annual property taxes, adjusted for business, farm, and rental expenses BLS 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	21	CHAR(2)
PROP0NOD		23	CHAR(1)
OWNYD	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property CAPI Section 3	24	CHAR(3)
OWNYD_		27	CHAR(1)
DISPMTHD	Did you (your CU) sell this property, give it to someone else (outside your CU), or do something else with it? CODED 1 Sold the property 2 Gave it to someone else 3 Something else CAPI Section 3	28	CHAR(1)

DISP_THD		29	CHAR(1)
DISPX	What was the selling price (trade-in value)? CAPI Section 3	30	NUM(8)
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.) CAPI Section 3	39	NUM(8)
DISP_XPX		47	CHAR(1)
DISPMO	In what month did you (your CU) dispose of this property? CAPI Section 3	57	CHAR(2)
DISPMO_		59	CHAR(1)
DISPYR	In what year did you (your CU) dispose of this property? CAPI Section 3	60	CHAR(4)
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	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	24	CHAR(3)

OWNYF_		27	CHAR(1)
OLDMRRT	What was the rate of interest at the time the mortgage was obtained? CAPI Section 3	28	NUM(5,4)
OLDMRRT_		33	CHAR(1)
NEWMRRT	What is the current interest rate on your (your CU's) mortgage? CAPI Section 3	34	NUM(5,4)
NEWMRRT_		39	CHAR(1)
ORGMRTX	What was the amount of the mortgage when you (your CU) obtained it, excluding any interest? CAPI Section 3	40	NUM(8)
ORGMRTX_		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 items that were included in payment. BLS mortgage edit converts all payments to monthly basis.) CAPI Section 3	53	NUM(8)
MRTPMTX_		61	CHAR(1)
MRTPMPD	How often are (were) mortgage payments due? (See NOTE under MRTPMTX.) CODED 3 Monthly CAPI Section 3	62	CHAR(1)
MRTPMPD_		63	CHAR(1)
PAYPROTX	On your (your CU's) last regular payment, which of these things were included? CODED 2 Property taxes CAPI Section 3	64	CHAR(1)
PAYP_OTX		65	CHAR(1)

PAYPROIN	See PAYPROTX for question and source. CODED 3 Property insurance	66	CHAR(1)
PAYP_OIN		67	CHAR(1)
PAYLIFIN	See PAYPROTX for question and source. CODED 4 Life insurance	68	CHAR(1)
PAYL_FIN		69	CHAR(1)
PAYMORIN	See PAYPROTX for question and source. CODED 5 Mortgage insurance	70	CHAR(1)
PAYM_RIN		71	CHAR(1)
PAYOTHER	See PAYPROTX for question and source. CODED 6 Any other payments	72	CHAR(1)
PAYO_HER		73	CHAR(1)
QESCROWX	Amount of last regular mortgage payment that went to escrow BLS derived	74	NUM(8)
QESC_OWX		82	CHAR(1)
QPRINM1X	Amount of principal paid during first month of reference period BLS derived	83	NUM(8)
QPRI_M1X		91	CHAR(1)
QPRINM2X	Amount of principal paid during second month of reference period BLS derived	92	NUM(8)
QPRI_M2X		100	CHAR(1)
QPRINM3X	Amount of principal paid during third month of reference period BLS derived	101	NUM(8)
QPRI_M3X		109	CHAR(1)
QADINT1X	Amount of interest paid during first month of reference period, adjusted for business BLS derived	110	NUM(8)
QADI_T1X		118	CHAR(1)

QADINT2X	Amount of interest paid during second month of reference period, adjusted for business BLS derived	119	NUM(8)
QADI_T2X		127	CHAR(1)
QADINT3X	Amount of interest paid during third month of reference period, adjusted for business BLS derived	128	NUM(8)
QADI_T3X		136	CHAR(1)
QRFINDAT	Month and year mortgage payment changed BLS derived	137	CHAR(6)
QRFI_DAT		143	CHAR(1)
FRSTPYMO	In what month did you (your CU) make your (your CU's) first payment on this mortgage? CAPI Section 3	144	CHAR(2)
FRST_YMO		146	CHAR(1)
FRSTPYYR	In what year did you (your CU) make your (your CU's) first payment on this mortgage? CAPI Section 3	147	CHAR(4)
FRST_YYR		151	CHAR(1)
FIXEDRTE	Is this a fixed rate mortgage? CODED 1 Yes 2 No CAPI Section 3	152	CHAR(1)
FIXE_RTE		153	CHAR(1)
PAYTYPE	Which one of these mortgages comes closest to yours (your CU's)? (NOTE: Most fixed rate mortgages will be a valid blank.) CODED 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		
PAYTYPE_		155	CHAR(1)
REFINED	Have you (Has your CU) refinanced or renegotiated this mortgage? CODED 1 Yes 2 No CAPI Section 3	156	CHAR(1)
REFINED_		157	CHAR(1)
QNEWDATE	Month and year mortgage payment changed BLS derived	158	CHAR(6)
QNEW_ATE		164	CHAR(1)
QBLNCM1X	Principal balance outstanding at beginning of month, three months ago BLS derived	165	NUM(8)
QBLN_M1X		173	CHAR(1)
QBLNCM2X	Principal balance outstanding at beginning of month, two months ago BLS derived	174	NUM(8)
QBLN_M2X		182	CHAR(1)
QBLNCM3X	Principal balance outstanding at beginning of month, one month ago BLS derived	183	NUM(8)
QBLN_M3X		191	CHAR(1)
LOAN_NOF	Loan number CAPI Section 3	192	CHAR(2)
LOAN0NOF		194	CHAR(1)

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

PART F Lump Sum Home Equity Loans (HEL)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOG	Property number CAPI Section 3	21	CHAR(2)
PROP0NOG		23	CHAR(1)
OWNYG	Property code CODED 100 The home in which you (your CU) currently live(s) 200 A home in which you (your CU) used to live 300 A second home, vacation home or recreational property 400 Unimproved land with no buildings on it 500 Other property CAPI Section 3	24	CHAR(3)
OWNYG_		27	CHAR(1)
OLDMRTG	What was the rate of interest at the time the home equity loan was obtained? CAPI Section 3	28	NUM(5,4)
OLDMRTG_		33	CHAR(1)
NEWMRTG	What is the current interest rate on your (your CU's) home equity loan? CAPI Section 3	34	NUM(5,4)
NEWMRTG_		39	CHAR(1)
ORGMRTG	What was the amount of the lump sum home equity loan when you (your CU) obtained it, excluding any interest? CAPI Section 3	40	NUM(8)
ORGMRTG_		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.) CAPI Section 3	53	NUM(8)
MRTPMTG_		61	CHAR(1)
MRTPMPG	How often are loan payments due? (See NOTE under MRTPMTG) CODED 3 Monthly CAPI Section 3	62	CHAR(1)
MRTPMPG_		63	CHAR(1)
PAYPRTXG	On your (your CU's) last regular payment, which of these things were included? CODED 2 Property taxes CAPI Section 3	64	CHAR(1)
PAYP_TXG		65	CHAR(1)
PAYPRING	See PAYPRTXG for question and source. CODED 3 Property insurance	66	CHAR(1)
PAYP_ING		67	CHAR(1)
PAYLFING	See PAYPRTXG for question and source. CODED 4 Life insurance	68	CHAR(1)
PAYL_ING		69	CHAR(1)
PAYMRING	See PAYPRTXG for question and source. CODED 5 Mortgage guarantee insurance	70	CHAR(1)
PAYM_ING		71	CHAR(1)
PAYOTHRG	See PAYPRTXG for question and source. CODED 6 Any other payments	72	CHAR(1)
PAYO_HRG		73	CHAR(1)
QESCROWG	Amount of last regular home equity loan payment that went to escrow BLS derived	74	NUM(8)

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

FRSTPYRG	In what year did you (your CU) make your (your CU's) first payment on this loan? CAPI Section 3	147	CHAR(4)
FRST_YRG		151	CHAR(1)
FIXDRTEG	Is this a fixed rate home equity loan? CODED 1 Yes 2 No CAPI Section 3	152	CHAR(1)
FIXD_TEG		153	CHAR(1)
PAYTYPG	Which one of these lump sum home equity loans comes closest to yours (your CU's)? (NOTE: Most fixed rate loans will be a valid blank.) CODED 1 Fixed rate of interest 2 Variable or adjustable rate of interest 3 Graduated payment 4 Rollover or renegotiable 5 Deferred interest 6 Other CAPI Section 3	154	CHAR(1)
PAYTYPG_		155	CHAR(1)
REFINDG	Have you (Has your CU) refinanced or renegotiated this lump sum home equity loan? CODED 1 Yes 2 No CAPI Section 3	156	CHAR(1)
REFINDG_		157	CHAR(1)
QNEWDATG	Month and year loan payment changed ("New" loan record) BLS 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	192	CHAR(2)
LOAN0NOG		194	CHAR(1)

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

PART H Line of Credit Home Equity Loans (OPH)

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

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

	CAPI Section 3		
PAID_OAN		29	CHAR(1)
*PRINAMTX	Prior to the last payment, what was the total amount owed? CAPI Section 3 **D(Y052)**	30	NUM(8)
*PRIN_MTX	**D(Y052)**	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 BLS derived	55	NUM(8)
JLCP_INX		63	CHAR(1)
LOAN_NOH	Loan number CAPI Section 3	64	CHAR(2)
LOAN0NOH		66	CHAR(1)
*TOTOWED	Amount owed prior to last payment CAPI Section 3 **N(Y052)**	67	NUM(8)
*TOTOWED_	**N(Y052)**	75	CHAR(1)

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

PART I Ownership Costs (OPI)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
PROP_NOI	Property number CAPI Section 3	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	24	CHAR(3)
OWNYI_		27	CHAR(1)
QRENTDDZ	Percentage of owned property expenses after deducting business expenses (1.00 - OBSNSZB) BLS derived	28	NUM(4,2)
QREN_DDZ		32	CHAR(1)
QADPENTX	Amount of penalty charges on special or lump sum mortgage payment, adjusted for business BLS derived	33	NUM(8)
QADP_NTX		41	CHAR(1)
QLR3MCMX	Amount paid for ground or land rent, adjusted for business BLS derived	42	NUM(8)
QLR3_CMX		50	CHAR(1)
JFEETOTX	Amount of regular condo fee for management services, adjusted for business BLS derived	51	NUM(8)
JFEE_OTX		59	CHAR(1)

QSPCLX	Total amount of special payments for management services, adjusted for business BLS derived	60	NUM(8)
QSPCLX_		68	CHAR(1)
TYPEPROP	Property type CODED 1 Condominium 2 Co-op 3 Neither condo nor co-op CAPI Section 3	69	CHAR(1)
TYPE_ROP		70	CHAR(1)
PAYHOASS	Do you (Does your CU) make regular payments to a homeowner association? (TYPEPROP = 3 only) CODED 1 Yes 2 No CAPI Section 3	71	CHAR(1)
PAYH_ASS		72	CHAR(1)
PAYCONDO	Are you (Is your CU) required to make regular payments of condominium fees for general maintenance or management services? (TYPEPROP = 1 only) CODED 1 Yes 2 No CAPI Section 3	73	CHAR(1)
PAYC_NDO		74	CHAR(1)
COOPRG01	Since the 1st of *(month, 3 months ago)*, for which of these things have you (has your CU) made payments directly to the cooperative for your (your CU's) share of its costs? (TYPEPROP = 2 only) CODED 01 Repayment of loans owed by cooperative CAPI Section 3	75	CHAR(2)
COOP_G01		77	CHAR(1)
COOPRG02	See COOPRG01 for question and source. CODED 02 Property taxes	78	CHAR(2)
COOP_G02		80	CHAR(1)

COOPRG03	See COOPRG01 for question and source. CODED 03 Property insurance	81	CHAR(2)
COOP_G03		83	CHAR(1)
COOPRG04	See COOPRG01 for question and source. CODED 04 Management	84	CHAR(2)
COOP_G04		86	CHAR(1)
COOPRG05	See COOPRG01 for question and source. CODED 05 Repairs and maintenance, including lawn care and snow removal .	87	CHAR(2)
COOP_G05		89	CHAR(1)
COOPRG06	See COOPRG01 for question and source. CODED 06 Improvements	90	CHAR(2)
COOP_G06		92	CHAR(1)
COOPRG07	See COOPRG01 for question and source. CODED 07 Recreational, including swimming, golf, and tennis facilities	93	CHAR(2)
COOP_G07		95	CHAR(1)
COOPRG08	See COOPRG01 for question and source. CODED 08 Security, including guards and alarm systems	96	CHAR(2)
COOP_G08		98	CHAR(1)
COOPRG09	See COOPRG01 for question and source. CODED 09 Utilities: such as gas, electricity, water, heat	99	CHAR(2)
COOP_G09		101	CHAR(1)
COOPRG10	See COOPRG01 for question and source. CODED 10 Trash collection	102	CHAR(2)
COOP_G10		104	CHAR(1)
COOPRG11	See COOPRG01 for question and source. CODED 11 Other	105	CHAR(2)
COOP_G11		107	CHAR(1)

HOCORG21	Which of these services and privileges are included in condominium fees or regular payments to a homeowner's association? (TYPEPROP = 1 or 3 only) CODED 21 Management CAPI Section 3	108	CHAR(2)
HOCO_G21		110	CHAR(1)
HOCORG22	See HOCORG21 for question and source. CODED 22 Repairs and maintenance, including lawn care and snow removal	111	CHAR(2)
HOCO_G22		113	CHAR(1)
HOCORG23	See HOCORG21 for question and source. CODED 23 Improvements	114	CHAR(2)
HOCO_G23		116	CHAR(1)
HOCORG24	See HOCORG21 for question and source. CODED 24 Utilities: such as gas, electricity, water, heat	117	CHAR(2)
HOCO_G24		119	CHAR(1)
HOCORG25	See HOCORG21 for question and source. CODED 25 Parking	120	CHAR(2)
HOCO_G25		122	CHAR(1)
HOCORG26	See HOCORG21 for question and source. CODED 26 Recreational, including swimming, golf, and tennis facilities	123	CHAR(2)
HOCO_G26		125	CHAR(1)
HOCORG27	See HOCORG21 for question and source. CODED 27 Security, including guards and alarm systems	126	CHAR(2)
HOCO_G27		128	CHAR(1)
HOCORG28	See HOCORG21 for question and source. CODED 28 Maid service	129	CHAR(2)
HOCO_G28		131	CHAR(1)

HOCORG29	See HOCORG21 for question and source. CODED 29 Medical services	132	CHAR(2)
HOCO_G29		134	CHAR(1)
HOCORG30	See HOCORG21 for question and source. CODED 30 Trash collection	135	CHAR(2)
HOCO_G30		137	CHAR(1)
HOCORG31	See HOCORG21 for question and source. CODED 31 Other	138	CHAR(2)
HOCO_G31		140	CHAR(1)
REGFEECR	Type of service or privilege: The first two digits represent the type of service (COOPRGnn or HOCORGnn); the last three digits are used for the allocation of utilities data (COOPRG09 or HOCORG24), and the allocation of repairs/maintenance data (COOPRG05,HOCORG22). The 3-digit utility codes can be found in Section 4, Part C under the variable UTILY. The 3-digit repairs/maintenance codes can be found in Section 5, Part B under the variable CRMCODEB. If the type of service is other than utilities or repairs/maintenance, then the last three digits are "000". BLS derived	141	CHAR(5)
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 CAPI Section 3	147	CHAR(1)
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	149	CHAR(2)

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

CAPI Section 3

COOP_P01		151	CHAR(1)
COOPSP02	See COOPSP01 for question, codes, and source.	152	CHAR(2)
COOP_P02		154	CHAR(1)
COOPSP03	See COOPSP01 for question, codes, and source.	155	CHAR(2)
COOP_P03		157	CHAR(1)
COOPSP04	See COOPSP01 for question, codes, and source.	158	CHAR(2)
COOP_P04		160	CHAR(1)
COOPSP05	See COOPSP01 for question, codes, and source.	161	CHAR(2)
COOP_P05		163	CHAR(1)
COOPSP06	See COOPSP01 for question, codes, and source.	164	CHAR(2)
COOP_P06		166	CHAR(1)
COOPSP07	See COOPSP01 for question, codes, and source.	167	CHAR(2)
COOP_P07		169	CHAR(1)
COOPSP08	See COOPSP01 for question, codes, and source.	170	CHAR(2)
COOP_P08		172	CHAR(1)
COOPSP09	See COOPSP01 for question, codes, and source.	173	CHAR(2)
COOP_P09		175	CHAR(1)
COOPSP10	See COOPSP01 for question, codes, and source.	176	CHAR(2)
COOP_P10		178	CHAR(1)
COOPSP11	See COOPSP01 for question, codes, and source.	179	CHAR(2)
COOP_P11		181	CHAR(1)
HOCOSP01	What services were provided for any SPECIAL payments to a management service? (TYPEPROP = 1 or 3 only) CODED 21 Management 22 Repairs and maintenance, including lawn care and snow removal 23 Improvements 24 Utilities: such as gas, electricity, water, heat	182	CHAR(2)

25 Parking
26 Recreational, including swimming, golf, and tennis facilities
27 Security, including guards and alarm systems
28 Maid service
29 Medical services
30 Trash collection
31 Other

CAPI Section 3

HOCO_P01		184	CHAR(1)
HOCOSP02	See HOCOSP01 for question, codes, and source.	185	CHAR(2)
HOCO_P02		187	CHAR(1)
HOCOSP03	See HOCOSP01 for question, codes, and source.	188	CHAR(2)
HOCO_P03		190	CHAR(1)
HOCOSP04	See HOCOSP01 for question, codes, and source.	191	CHAR(2)
HOCO_P04		193	CHAR(1)
HOCOSP05	See HOCOSP01 for question, codes, and source.	194	CHAR(2)
HOCO_P05		196	CHAR(1)
HOCOSP06	See HOCOSP01 for question, codes, and source.	197	CHAR(2)
HOCO_P06		199	CHAR(1)
HOCOSP07	See HOCOSP01 for question, codes, and source.	200	CHAR(2)
HOCO_P07		202	CHAR(1)
HOCOSP08	See HOCOSP01 for question, codes, and source.	203	CHAR(2)
HOCO_P08		205	CHAR(1)
HOCOSP09	See HOCOSP01 for question, codes, and source.	206	CHAR(2)
HOCO_P09		208	CHAR(1)
HOCOSP10	See HOCOSP01 for question, codes, and source.	209	CHAR(2)
HOCO_P10		211	CHAR(1)
HOCOSP11	See HOCOSP01 for question, codes, and source.	212	CHAR(2)
HOCO_P11		214	CHAR(1)
SPFEECR	Type of special service or privilege: Derived in same manner as REGFEECR. Type of service based on COOPSPnn and HOCOSPnn.	215	CHAR(5)

	BLS derived		
SPFEECR_		220	CHAR(1)
QLMPSUMX	Amount paid for mortgage in special or lump sum payments during reference period, adjusted for business	221	NUM(8)
	BLS derived		
QLMP_UMX		229	CHAR(1)
QPENALTX	Amount of penalty charges for special or lump sum payments, adjusted for business	230	NUM(8)
	BLS derived		
QPEN_LTX		238	CHAR(1)
QOTHERFX	Amount of regular HOA/condo fees NOT included in mortgage, adjusted for business	239	NUM(8)
	BLS derived		
QOTH_RFX		247	CHAR(1)
QSPASSX	Amount paid for special assessments for local projects, such as the construction or repair of roads and sidewalks, adjusted for business	248	NUM(8)
	BLS derived		
QSPASSX_		256	CHAR(1)
RNTEQVX	If someone were to rent your home today, how much do you think it would rent for monthly, unfurnished and without utilities?	257	NUM(6)
	CAPI Section 3		
RNTEQVX_		263	CHAR(1)

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

PART A Telephone Expenses (UTA)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
TELMO	In what month was the bill received?	24	CHAR(2)
	CAPI Section 4		

TELMO_		26	CHAR(1)
TELBSNZ	What percentage of the total charge will be deducted as a business expense? CAPI Section 4	27	NUM(4,2)
TELBSNZ_		31	CHAR(1)
QADBILLX	Total amount of telephone bill, adjusted for business BLS derived	38	NUM(6)
QADB_LLX		44	CHAR(1)
TELRESD	Telephone service items included in bill CODED 1 Residential services CAPI Section 4	45	CHAR(1)
TELRESD_		46	CHAR(1)
TELCELL	See TELRESD for question CODED 2 Mobile/cellular service CAPI Section 4	47	CHAR(1)
TELCELL_		48	CHAR(1)
TELPAGER	See TELRESD for question CODED 3 Pager/beeper service CAPI Section 4	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	51	CHAR(1)
TELL_CAL		52	CHAR(1)
TELLONGD	See TELRESD for question CODED 1 Yes, domestic long distance charge included 2 No, domestic long distance charge not included CAPI Section 4	53	CHAR(1)
TELL_NGD		54	CHAR(1)
TELINTL	See TELRESD for question	55	CHAR(1)

	CODED 1 Yes, international long distance charges included 2 No, international long distance charges not included CAPI Section 4		
TELINTL_		56	CHAR(1)
TELSERV	See TELRESD for question CODED 1 Yes, telephone related services included 2 No, telephone related services not included CAPI Section 4	57	CHAR(1)
TELSERV_		58	CHAR(1)
TELINSL	See TELRESD for question CODED 1 Yes, installation or repair of telephone lines included 2 No, installation or repair of telephone lines not included CAPI Section 4	59	CHAR(1)
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 CAPI Section 4	61	CHAR(1)
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 CAPI Section 4	63	CHAR(1)
TINTNET_		64	CHAR(1)
TCABLE	See TELRESD for question CODED 1 Yes, cable or satellite television services included 2 No, cable or satellite television services not included CAPI Section 4	65	CHAR(1)
TCABLE_		66	CHAR(1)
DSLISDN	See TELRESD for question CODED 1 Yes, DSL or ISDN charges included	67	CHAR(1)

	2 No, DSL or ISDN charges not included CAPI Section 4		
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 CAPI Section 4	69	CHAR(1)
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	120	NUM(6)

	BLS derived		
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 Cable and Internet Services Expenditures (UTI)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*INTSERV	Cable, satellite, or internet services CODED 100 – Cable or satellite TV or satellite radio service 200 – Internet connection or an internet service provider 255 – Combined cable TV, satellite TV, satellite radio, or internet connection (100, 200) 300 – Listening to or downloading music or audio files 400 – Viewing or downloading video files 500 – Online games or other internet entertainment sites 600 – Internet services away from home such as web cafes or internet kiosks 900 – Combined expenses CAPI Section 4 **N(Y052)**	21	CHAR(3)

*INTSERV_	**N(Y052)**	24	CHAR(1)
*INTMO	Month of expense 01 – 12 = month of expense 13 = continuous expense (monthly expense reported) CAPI Section 4 **N(Y052)**	25	CHAR(2)
*INTMO_	**N(Y052)**	27	CHAR(1)
*INTCHGX	Amount of the expense CAPI Section 4 **N(Y052)**	28	NUM(8)
*INTCHGX_	**N(Y052)**	36	CHAR(1)
*INTSRV1	Combined expense item codes and descriptions CODED 100 – Cable or satellite TV or satellite radio services 200 – Internet connection or an internet service provider 300 – Listening to or downloading music or audio files 400 – Viewing or downloading video files 500 – Online games or other internet entertainment sites 600 – Internet services away from home such as web cafes or internet kiosks 900 – Miscellaneous combined expenses CAPI Section 4 **N(Y052)**	37	CHAR(3)
*INTSRV1_	**N(Y052)**	40	CHAR(1)
*INTSRV2	See INTSRV1 **N(Y052)**	41	CHAR(3)
*INTSRV2_	**N(Y052)**	44	CHAR(1)
*INTSRV3	See INTSRV1 **N(Y052)**	45	CHAR(3)
*INTSRV3_	**N(Y052)**	48	CHAR(1)
*INTSRV4	See INTSRV1 **N(Y052)**	49	CHAR(3)
*INTSRV4_	**N(Y052)**	52	CHAR(1)
*INTSRV5	See INTSRV1 **N(Y052)**	53	CHAR(3)
*INTSRV5_	**N(Y052)**	56	CHAR(1)
*INTSRV6	See INTSRV1 **N(Y052)**	57	CHAR(3)

*INTSRV6_	**N(Y052)**	60	CHAR(1)
*INTSRV7	See INTSRV1 **N(Y052)**	61	CHAR(3)
*INTSRV7_	**N(Y052)**	64	CHAR(1)
*INTSRV8	See INTSRV1 **N(Y052)**	65	CHAR(3)
*INTSRV8_	**N(Y052)**	68	CHAR(1)
*INTSRV9	See INTSRV1 **N(Y052)**	69	CHAR(3)
*INTSRV9_	**N(Y052)**	72	CHAR(1)

I. ***<u>SECTION 4 UTILITIES AND FUELS FOR OWNED AND RENTED PROPERTIES</u>***

<u>PART D Screening and Detailed Questions (UTC)</u>

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 **D(Y052)** 150 Bottled or tank gas 160 Wood **D(Y052)** 170 Coal **D(Y052)** 180 Other fuels **D(Y052)** 180 Other fuels including wood **N(Y052)** 190 Combined expenses (130-180) **D(Y052)** 190 Combined expense (130, 150, 180) **N(Y052)** 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	21	CHAR(3)

D(Y052)
300 Internet connection and other computer related data services not already reported **D(Y052)**
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) **D(Y052)**
900 Combined Expense (any item in section/part)

CAPI Section 4

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 98 Other rented unit 99 Property not owned or rented by CU CAPI Section 4	25	CHAR(2)
WHAT_ROP		27	CHAR(1)
BLPERIOD	What period of time was covered by the bill? CODED 1 Month 2 2 months 3 Quarter 4 Other CAPI Section 4	28	CHAR(1)
BLPE_IOD		29	CHAR(1)
BILLMO	In what month was the bill received? CAPI Section 4	30	CHAR(2)
BILLMO_		32	CHAR(1)
QFUELADZ	Percent of utility/fuel charge not attributable to business expenses and rooms rented to others BLS derived	47	NUM(4,2)
QFUE_ADZ		51	CHAR(1)
QADFULX	Amount of bill, less charges for merchandise, repairs, or other services not part of the cost of the utility, adjusted for business	52	NUM(6)

	BLS derived		
QADFULX_		58	CHAR(1)
UTLPTYPE	Property code CODED 1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live 2 A second home, vacation home or recreational property 3 Unimproved land with no buildings on it or other property 4 Rented sample unit or other rented unit 5 Property not owned or rented by CU BLS derived	59	CHAR(1)
UTLP_YPE		60	CHAR(1)
HAVEBILL	Did the respondent use a bill or statement? (Answer No if only checkbook records were used) 1 Yes, bill or statement used 2 No, bill or statement not used. CAPI Section 4	61	CHAR(1)
HAVE_ILL		62	CHAR(1)
UTIL1	If UTILY = 900, then UTIL1 will contain the first code mentioned of the multiple items indicated in UTILY CAPI Section 4	63	CHAR(3)
UTIL1_		66	CHAR(1)
UTIL2	Same as UTIL1, but contains the second item mentioned CAPI Section 4	67	CHAR(3)
UTIL2_		70	CHAR(1)
UTIL3	Same as UTIL1, but contains the third item mentioned CAPI Section 4	71	CHAR(3)
UTIL3_		74	CHAR(1)
UTIL4	Same as UTIL1, but contains the fourth item mentioned CAPI Section 4	75	CHAR(3)
UTIL4_		78	CHAR(1)
UTIL5	Same as UTIL1, but contains the fifth item mentioned CAPI Section 4	79	CHAR(3)
UTIL5_		82	CHAR(1)

UTIL6	Same as UTIL1, but contains the sixth item mentioned CAPI Section 4	83	CHAR(3)
UTIL6_		86	CHAR(1)
UTIL7	Same as UTIL1, but contains the seventh item mentioned CAPI Section 4	87	CHAR(3)
UTIL7_		90	CHAR(1)
UTIL8	Same as UTIL1, but contains the eigth item mentioned CAPI Section 4	91	CHAR(3)
UTIL8_		94	CHAR(1)
UTIL9	Same as UTIL1, but contains the ninth item mentioned CAPI Section 4	95	CHAR(3)
UTIL9_		98	CHAR(1)

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

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

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

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*VACUTLY	Which utility or fuel for a rented vacation property was the charge for? CODED 100 Electricity 110 Natural or utility gas 120 Combined gas and electricity (100-110) 130 Fuel oil 140 Kerosene **D(Y052)** 150 Bottled or tank gas 160 Wood **D(Y052)** 170 Coal **D(Y052)** 180 Other fuels **D(Y052)** 180 Other fuels including wood **N(Y052)** 190 Combined expenses (130-180) **D(Y052)** 190 Combined expenses (130, 150, 180) **N(Y052)** 200 Piped-in water 210 Trash/garbage collection	21	CHAR(3)

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 **D(Y052)**
290 Cable TV, satellite TV, or satellite radio services not already reported **N(Y052)**
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

VACUTLY_		24	CHAR(1)
VACUTMO	In what month was the bill received? CAPI Section 4	25	CHAR(2)
VACUTMO_		27	CHAR(1)
VACUTLX	What was the total amount of the charges? CAPI Section 4	28	NUM(6)
VACUTLX_		34	CHAR(1)
VACUTL1	If VACUTLY = 900, then VACUTL1 will contain the first code mentioned of the multiple items indicated in VACUTLY CAPI Section 4	35	CHAR(3)
VACUTL1_		38	CHAR(1)
VACUTL2	Same as VACUTL1, but contains the second item mentioned CAPI Section 4	39	CHAR(3)
VACUTL2_		42	CHAR(1)
VACUTL3	Same as VACUTL1, but contains the third item mentioned CAPI Section 4	43	CHAR(3)

VACUTL3_		46	CHAR(1)
VACUTL4	Same as VACUTL1, but contains the fourth item mentioned CAPI Section 4	47	CHAR(3)
VACUTL4_		50	CHAR(1)
VACUTL5	Same as VACUTL1, but contains the fifth item mentioned CAPI Section 4	51	CHAR(3)
VACUTL5_		54	CHAR(1)
VACUTL6	Same as VACUTL1, but contains the sixth item mentioned CAPI Section 4	55	CHAR(3)
VACUTL6_		58	CHAR(1)
VACUTL7	Same as VACUTL1, but contains the seventh item mentioned CAPI Section 4	59	CHAR(3)
VACUTL7_		62	CHAR(1)
VACUTL8	Same as VACUTL1, but contains the eighth item mentioned CAPI Section 4	63	CHAR(3)
VACUTL8_		66	CHAR(1)
VACUTL9	Same as VACUTL1, but contains the ninth item mentioned CAPI Section 4	67	CHAR(3)
VACUTL9_		70	CHAR(1)

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

PART A Screening Questions (CRA)

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

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

MATNSPCX	Since the 1st of *(month, three months ago)*, excluding the current month, what was the total cost of materials and supplies purchased not for any specific job? CAPI Section 5	32	NUM(6)
MATN_PCX		38	CHAR(1)
CRMCDA1	If CRMCODEA = 310, then CRMCDA1 will contain the first code mentioned of the multiple items indicated in CRMCODEA CAPI Section 5	39	CHAR(3)
CRMCDA1_		42	CHAR(1)
CRMCDA2	Same as CRMCDA1, but contains the second item mentioned CAPI Section 5	43	CHAR(3)
CRMCDA2_		46	CHAR(1)
CRMCDA3	Same as CRMCDA1, but contains the third item mentioned CAPI Section 5	47	CHAR(3)
CRMCDA3_		50	CHAR(1)
CRMCDA4	Same as CRMCDA1, but contains the fourth item mentioned CAPI Section 5	51	CHAR(3)
CRMCDA4_		54	CHAR(1)
CRMCDA5	Same as CRMCDA1, but contains the fifth item mentioned CAPI Section 5	55	CHAR(3)
CRMCDA5_		58	CHAR(1)
CRMCDA6	Same as CRMCDA1, but contains the sixth item mentioned CAPI Section 5	59	CHAR(3)
CRMCDA6_		62	CHAR(1)
CRMCDA7	Same as CRMCDA1, but contains the seventh item mentioned CAPI Section 5	63	CHAR(3)
CRMCDA7_		66	CHAR(1)
CRMCDA8	Same as CRMCDA1, but contains the eighth item mentioned CAPI Section 5	67	CHAR(3)
CRMCDA8_		70	CHAR(1)
CRMCDA9	Same as CRMCDA1, but contains the ninth item mentioned CAPI Section 5	71	CHAR(3)
CRMCDA9_		74	CHAR(1)

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

PART B Job Description (CRB)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
CRMCODEB	Job code for jobs in progress or completed. CODED 100 Dwellings under construction including a vacation or second home 110 Building an addition to the house or a new structure including porch, garage or new wing 120 Finishing a basement or an attic or enclosing a porch 130 Remodeling one or more rooms in the house 140 Landscaping the ground or planting new shrubs or trees 150 Building outdoor patios, walks, fences, or other enclosures, driveways, or permanent swimming pools 160 Repairing outdoor patios, walks, fences, driveways, or permanent swimming pools 170 Inside painting or papering 180 Outside painting 190 Plastering or paneling 200 Plumbing or water heating installations and repairs 210 Electrical work 220 Heating or air-conditioning jobs 230 Flooring repair or replacement, including inlaid linoleum or vinyl tile 240 Insulation 260 Roofing, gutters, or downspouts 270 Siding 280 Installation, repair, or replacement of window panes, screens, storm doors, awnings, and the like 290 Masonry, brick or stucco work 300 Other improvements or repairs 310 Combined expenses (100-300) CAPI Section 5	21	CHAR(3)
CRMC_DEB		24	CHAR(1)
CRMPROPI	Property number 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	25	CHAR(2)
CRMP_OPI		27	CHAR(1)

CRMTYPE	Job classification CODED 1 Addition 2 Alteration 3 Replacement 4 Maintenance and repair 5 New construction CAPI Section 5	28	CHAR(1)
CRMTYPE_		29	CHAR(1)
APPCDE1	Which of these items did the job include? CODED 100 Electric cooking stove, range or oven 110 Gas cooking stove, range or oven 120 Microwave oven 130 Other cooking stove, range or oven including wood, coal, or peat burning stoves 140 Refrigerator 150 Home freezer 160 Built-in dishwasher 170 Portable dishwasher 180 Garbage disposal 190 Clothes washer 200 Clothes dryer 210 Range hood 250 Smoke alarms and detectors 260 Central vacuum 270 Trash compactor 340 Window air conditioner 350 Portable cooling and heating equipment, including portable dehumidifiers, humidifiers, fans, and space heaters, excluding window air conditioners 900 Other major home appliances and equipment. (The codes originate from the appliance codes in Section 6, Parts A and B.) CAPI Section 5	30	CHAR(3)
APPCDE1_		33	CHAR(1)
APPCDE2	See APPCDE1 for question, codes, and source.	34	CHAR(3)
APPCDE2_		37	CHAR(1)
APPCDE3	See APPCDE1 for question, codes, and source.	38	CHAR(3)
APPCDE3_		41	CHAR(1)
APPCDE4	See APPCDE1 for question, codes, and source.	42	CHAR(3)
APPCDE4_		45	CHAR(1)
APPCDE5	See APPCDE1 for question, codes, and source.	46	CHAR(3)

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

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

	BLS derived		
QADP_P2X		177	CHAR(1)
QADPSPLX	Cost of materials, supplies, tools, or equipment purchased by CU in the month, one month ago, adjusted for business and reimbursement BLS derived	178	NUM(8)
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 BLS derived	187	NUM(8)
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 BLS derived	196	NUM(8)
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 BLS derived	205	NUM(8)
QADR_PLX		213	CHAR(1)
CRMPTYPE	Property code CODED 1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live 2 A second home, vacation home or recreational property 3 Unimproved land with no buildings on it or other property 4 Rented sample unit or other rented unit 5 Property not owned or rented by CU BLS derived	214	CHAR(1)
CRMP_YPE		215	CHAR(1)
CRMCODE	Detailed job codes 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	216	CHAR(3)

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

507 Replacement of siding
508 Replacement of roof
509 Replacement of driveway or walk
510 Replacement of windows or skylights
511 Replacement of doors
599 Other major replacements

BLS derived

CRMCODE_		219	CHAR(1)
QADPSPTX	Total cost of supplies purchased by CU adjusted for business & reimbursement) BLS derived	220	NUM(8)
QADP_PTX		228	CHAR(1)
QADTLRX	Total cost of supplies rented by CU (adjusted for business & reimbursement) BLS derived	229	NUM(8)
QADTLRX_		237	CHAR(1)
CRMCDB1	If CRMCODEB = 310, then CRMCDA1 will contain the first code mentioned of the multiple items indicated in CRMCODEB CAPI Section 5	238	CHAR(3)
CRMCDB1_		241	CHAR(1)
CRMCDB2	Same as CRMCDB1, but contains the second item mentioned CAPI Section 5	242	CHAR(3)
CRMCDB2_		245	CHAR(1)
CRMCDB3	Same as CRMCDB1, but contains the third item mentioned CAPI Section 5	246	CHAR(3)
CRMCDB3_		249	CHAR(1)
CRMCDB4	Same as CRMCDB1, but contains the fourth item mentioned CAPI Section 5	250	CHAR(3)
CRMCDB4_		253	CHAR(1)
CRMCDB5	Same as CRMCDB1, but contains the fifth item mentioned CAPI Section 5	254	CHAR(3)
CRMCDB5_		257	CHAR(1)
CRMCDB6	Same as CRMCDB1, but contains the sixth item mentioned CAPI Section 5	258	CHAR(3)
CRMCDB6_		261	CHAR(1)
CRMCDB7	Same as CRMCDB1, but contains the seventh item mentioned	262	CHAR(3)

CAPI Section 5

CRMCDB7_		265	CHAR(1)
CRMCDB8	Same as CRMCDB1, but contains the eighth item mentioned CAPI Section 5	266	CHAR(3)
CRMCDB8_		269	CHAR(1)
CRMCDB9	Same as CRMCDB1, but contains the ninth item mentioned CAPI Section 5	270	CHAR(3)
CRMCDB9_		273	CHAR(1)

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

PART A Purchase of Household Appliances (APA)

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

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) CAPI Section 6	21	CHAR(3)
MAJA_PLY		24	CHAR(1)
GFTC_MAJ	Was this item purchased for own use, rented, or purchased as gift to others? CODED 1 Purchased for own use 2 Rented 3 Purchased for someone outside your CU	25	CHAR(1)

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

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

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

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

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) **D(Y052)**
- 365 Television, all types, including combinations of TV with DVD/video player **N(Y052)**
- 370 Color television consoles and combinations of TV; large screen color TV projection equipment; color monitors and other items **D(Y052)**
- 380 Black and white TV's and combinations of TV's with other items **D(Y052)**
- 390 VCR, video camera, video disc player, camcorder
- 395 Handheld personal music players **N(Y052)**
- 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 **D(Y052)**
610 Telephone answering devices
620 Typewriters and other office machines for non-business use **D(Y052)**
620 Other office machines including typewriters and calculators **N(Y052)**
640 Computers, computer systems and related hardware for non-business use
650 Computer software and accessories for non-business use.
660 Telephones and accessories
665 Personal digital assistants (PDAs) **N(Y052)**
670 Satellite dishes
800 Combined expenses (230-280, 300-350, 590, 610-620, 640-660) **D(Y052)**
800 Combined expenses (230-280, 300-350, 610, 620, 640-660) **N(Y052)**
810 Combined television, radio, video, and sound equipment expenses (360-440, 670) **D(Y052)**
810 Combined expenses (365-440, 665, 670) **N(Y052)**
820 Combined sports, recreation, and exercise equipment expenses (470-570)
900 Combined expense (any item in section/part)

CAPI Section 6

MINA_PLY		24	CHAR(1)
GFTCMIN	Was this item purchased for own use, rented, or purchased as gift to others? CODED 1 Purchased for own use 2 Rented 3 Purchased for someone outside your CU CAPI Section 6	25	CHAR(1)
GFTCMIN_		26	CHAR(1)
MIN_MO	When did you purchase it? CODED 01-12 January-December CAPI Section 6	27	CHAR(2)
MIN_MO_		29	CHAR(1)
MINPURX	What did this item cost? (Include delivery charges, exclude installation charges) CAPI Section 6	30	NUM(6)
MINPURX_		36	CHAR(1)
MINRENTX	What was the total rental expense since the 1st of *(month, 3*	37	NUM(6)

	months ago), excluding the current month? (GFTCMIN = 2 only)?		
	CAPI Section 6		
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)

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

PART A Household Equipment Repairs and Service Contracts (EQB)

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

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

REPAIRX	What was the total cost? CAPI Section 7	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)

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

PART A Purchases (FRA)

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

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

	220 Combined expenses (170, 171, 173, 180, 190-193, 195, 196, 198, 200-203, 205, 210, 211-217) 900 Combined expense (any item in section/part) CAPI Section 8		
FURN_URY		24	CHAR(1)
FURNMO	In what month did you purchase the item? CAPI Section 8	25	CHAR(2)
FURNMO_		27	CHAR(1)
FURNGFTC	Was this purchased for your CU or as a gift to someone outside the CU? CODED 1 For use by the CU 2 Household furnishings purchased for someone outside your CU CAPI Section 8	28	CHAR(1)
FURN_FTC		29	CHAR(1)
FURNPURX	What was the purchase price? CAPI Section 8	30	NUM(6)
FRNPRY1	If FURNPURY = 900, then FRNPRY1 will contain the first code mentioned of the multiple items indicated in FURNPURY CAPI Section 8	37	CHAR(3)
FRNPRY1_		40	CHAR(1)
FRNPRY2	Same as FRNPRY1, but contains the second item mentioned CAPI Section 8	41	CHAR(3)
FRNPRY2_		44	CHAR(1)
FRNPRY3	Same as FRNPRY1, but contains the third item mentioned CAPI Section 8	45	CHAR(3)
FRNPRY3_		48	CHAR(1)
FRNPRY4	Same as FRNPRY1, but contains the fourth item mentioned CAPI Section 8	49	CHAR(3)
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 CAPI Section 8	57	CHAR(3)
FRNPRY6_		60	CHAR(1)
FRNPRY7	Same as FRNPRY1, but contains the seventh item mentioned CAPI Section 8	61	CHAR(3)
FRNPRY7_		64	CHAR(1)
FRNPRY8	Same as FRNPRY1, but contains the eighth item mentioned CAPI Section 8	65	CHAR(3)
FRNPRY8_		68	CHAR(1)
FRNPRY9	Same as FRNPRY1, but contains the ninth item mentioned CAPI Section 8	69	CHAR(3)
FRNPRY9_		72	CHAR(1)

t. *SECTION 8 HOMEFURNISHINGS AND RELATED HOUSEHOLD ITEMS*

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

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

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)

u. *SECTION 9 CLOTHING AND SEWING MATERIALS*

PART A Clothing (CLA)

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

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) CAPI Section 9	21	CHAR(3)
CLOTHQA	How many of this item did you purchase? CAPI Section 9	25	NUM(4)
CLOTHQA_		29	CHAR(1)
CLOTHMOA	In what month did you purchase it? CAPI Section 9	30	CHAR(2)
CLOT_MOA		32	CHAR(1)
CLOTHXA	How much did it cost? CAPI Section 9	33	NUM(6)
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 1 Gift 2 Non-gift BLS derived	42	CHAR(1)
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 CAPI Section 9	68	CHAR(3)
CLOTHA7_		71	CHAR(1)
CLOTHA8	Same as CLOTHA1, but contains the eighth item mentioned CAPI Section 9	72	CHAR(3)
CLOTHA8_		75	CHAR(1)
CLOTHA9	Same as CLOTHA1, but contains the ninth item mentioned CAPI Section 9	76	CHAR(3)
CLOTHA9_		79	CHAR(1)

v. *SECTION 9 CLOTHING AND SEWING MATERIALS*

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

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

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

	390 Hairpieces, wigs or toupees 900 Combined expense (any item in section/part) CAPI Section 9		
CLOTHYB_		24	CHAR(1)
CLOGFTB	Was this item purchased for your CU or for someone outside of your CU? CODED 1 CU member 2 Non-CU member CAPI Section 9	25	CHAR(1)
CLOGFTB_		26	CHAR(1)
CLOTHQB	How many of this item did you purchase? CAPI Section 9	27	NUM(4)
CLOTHQB_		31	CHAR(1)
CLOTHMOB	In what month did you purchase it? CAPI Section 9	32	CHAR(2)
CLOT_MOB		34	CHAR(1)
CLOTHXB	How much did it cost? CAPI Section 9	35	NUM(6)
CLOTHXB_		41	CHAR(1)
AGE_SEXB	Age/sex code of person for whom item was purchased CODED 5 Infant under 2 years Blank Purchases of watches, jewelry, hairpieces, wigs, and toupees BLS derived	42	CHAR(1)
AGE__EXB		43	CHAR(1)
CLOTHB1	If CLOTHYB = 900, then CLOTHB1 will contain the first code mentioned of the multiple items indicated in CLOTHYB CAPI Section 9	44	CHAR(3)
CLOTHB1_		47	CHAR(1)
CLOTHB2	Same as CLOTHB1, but contains the second item mentioned CAPI Section 9	48	CHAR(3)

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

w. *SECTION 9 CLOTHING AND SEWING MATERIALS*

PART C Clothing Services (CLD)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
CLOTHYD	Item code CODED 450 Repair, alteration, and tailoring for clothing and accessories 460 Shoe repair and other shoe services 470 Watch or jewelry repair 480 Clothing rental 490 Clothing storage 500 Combined expenses (450-490) CAPI Section 9	21	CHAR(3)
CLOTHYD_		24	CHAR(1)
CLSVGFTC	Was this service purchased for your CU or for someone outside your CU? CODED 1 CU member 2 Non-CU member CAPI Section 9	25	CHAR(1)
CLSV_FTC		26	CHAR(1)
CLOTHMOD	In what month did you purchase it? CAPI Section 9	27	CHAR(2)
CLOT_MOD		29	CHAR(1)
CLSRVCX	How much did it cost? CAPI Section 9	30	NUM(6)
CLSRVCX_		36	CHAR(1)
CLOTHD1	If CLOTHYD = 500, then CLOTHD1 will contain the first code mentioned of the multiple items indicated in CLOTHYD CAPI Section 9	37	CHAR(3)
CLOTHD1_		40	CHAR(1)
CLOTHD2	Same as CLOTHD1, but contains the second item mentioned CAPI Section 9	41	CHAR(3)

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

x. *SECTION 9 CLOTHING AND SEWING MATERIALS*

PART D Sewing Materials (CLC)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
SEWINGY	Item code CODED 400 Sewing materials for making slipcovers, curtains, etc., and for handwork in the home including yarn 410 Sewing materials for making clothes 420 Sewing notions 430 Other sewing materials 440 Combined sewing materials (400-430) CAPI Section 9	21	CHAR(3)
SEWINGY_		24	CHAR(1)
SEWGFTC	Was this item purchased for your CU or for someone outside your CU? CODED 1 CU member 2 Non-CU member CAPI Section 9	25	CHAR(1)
SEWGFTC_		26	CHAR(1)
SEWINGMO	In what month did you purchase it? CAPI Section 9	27	CHAR(2)
SEWI_GMO		29	CHAR(1)
SEWINGX	How much did it cost? CAPI Section 9	30	NUM(6)
SEWINGX_		36	CHAR(1)
SEWING1	If SEWINGY = 440, then SEWING1 will contain the first code mentioned of the multiple items indicated in SEWINGY CAPI Section 9	37	CHAR(3)
SEWING1_		40	CHAR(1)
SEWING2	Same as SEWING1, but contains the second item mentioned CAPI Section 9	41	CHAR(3)
SEWING2_		44	CHAR(1)

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

y. *SECTION 10 RENTED AND LEASED VEHICLES*

PART A.1 Screening Questions (RTV)

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

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 CAPI Section 10	21	CHAR(3)
RENT_ODE		24	CHAR(1)
BSNSPCTZ	What percent of the total rental expenses were (will be) deducted as business expenses, reimbursed, or paid by someone else? CAPI Section 10	25	NUM(3,2)
BSNS_CTZ		28	CHAR(1)
QADRENTX	Amount paid for renting vehicle, adjusted for business BLS derived	29	NUM(8)
QADR_NTX		37	CHAR(1)
ANYVACAT	Was it rented solely for use on a vacation, overnight trip, or a trip of 75 miles or more one way? CODED 1 Yes 2 No CAPI Section 10	47	CHAR(1)
ANYV_CAT		48	CHAR(1)

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

PART B Detailed Questions for Leased Vehicles (LSD)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
LSDNUM	Vehicle number CAPI Section 10	21	CHAR(2)
LSDNUM_		23	CHAR(1)
*LSDCODE	Vehicle code CODED 100 Automobile 110 Truck or van **D(Y052)** 110 Trucks, minivans, vans, or SUVs **N(Y052)** CAPI Section 10	24	CHAR(3)
LSDCODE_		27	CHAR(1)
MODELYR	What is the year of the vehicle? CAPI Section 10	28	CHAR(4)
MODELYR_		32	CHAR(1)
NUMCYL	How many cylinders does it have? (0 if rotary, turbine, or electric) CAPI Section 10	38	NUM(2)
NUMCYL_		40	CHAR(1)
*ANYAUTO	Does it have automatic transmission? CODED 1 Yes 2 No CAPI Section 10 **D(Y052)**	41	CHAR(1)
*ANYAUTO_	**D(Y052)**	42	CHAR(1)
*ANYSTEER	Does it have power steering? CODED 1 Yes 2 No CAPI Section 10 **D(Y052)**	43	CHAR(1)

*ANYS_EER	**D(Y052)**	44	CHAR(1)
*ANYBRAKE	Does it have power brakes? CODED 1 Yes 2 No CAPI Section 10 **D(Y052)**	45	CHAR(1)
*ANYB_AKE	**D(Y052)**	46	CHAR(1)
*ANYAC	Does it have air conditioning? CODED 1 Yes 2 No CAPI Section 10 **D(Y052)**	47	CHAR(1)
*ANYAC_	**D(Y052)**	48	CHAR(1)
*ANYROOF	Does it have a sun roof? CODED 1 Yes 2 No CAPI Section 10 **D(Y052)**	49	CHAR(1)
*ANYROOF_	**D(Y052)**	50	CHAR(1)
*ANYTURBO	Does it have a turbo charged engine? CODED 1 Yes 2 No CAPI Section 10 **D(Y052)**	51	CHAR(1)
*ANYT_RBO	**D(Y052)**	52	CHAR(1)
*ANYDIESL	Does it have a diesel engine? CODED 1 Yes 2 No CAPI Section 10 **D(Y052)**	53	CHAR(1)
*ANYD_ESL	**D(Y052)**	54	CHAR(1)
*ANYWHEEL	Does it have four wheel drive? CODED 1 Yes 2 No	55	CHAR(1)

	CAPI Section 10 **D(Y052)**		
*ANYW_EEL	**D(Y052)**	56	CHAR(1)
*DOORS	How many doors does it have? (LSDCODE = 100 only) CAPI Section 10 **D(Y052)**	57	NUM(1)
*DOORS_	**D(Y052)**	58	CHAR(1)
*TYPEVEH	Is it a . . . ? (LSDCODE = 100 only) CODED 1 Station wagon 2 Convertible 3 Hatchback 4 Other CAPI Section 10 **D(Y052)**	59	CHAR(1)
*TYPEVEH_	**D(Y052)**	60	CHAR(1)
PRCBSNSZ	What percent of the mileage is counted as a business expense? CAPI Section 10	61	NUM(3,2)
PRCB_NSZ		64	CHAR(1)
MILESVEH	How many miles are currently on the vehicle? CAPI Section 10	65	NUM(6)
MILE_VEH		71	CHAR(1)
NEWUSED	Was it new or used when first leased? CODED 1 New 2 Used CAPI Section 10	72	CHAR(1)
NEWUSED_		73	CHAR(1)
LSDSOURC	Was this vehicle leased from a . . . ? (Lessor) CODED 1 New or used vehicle dealer 2 Independent leasing company 3 Bank 4 Someplace else CAPI Section 10	74	CHAR(1)
LSDS_URC		75	CHAR(1)

NUMPAY	What was the number of payments contracted for? CAPI Section 10	76	NUM(3)
NUMPAY_		79	CHAR(1)
PMTMONTH	In what month was the first payment made? CAPI Section 10	80	CHAR(2)
PMTM_NTH		82	CHAR(1)
PAYEXPX	What is the amount of each payment? CAPI Section 10	83	NUM(4)
PAYEXPX_		87	CHAR(1)
*PAYTIME	What period is covered by each payment? CODED 1 Week 2 2 weeks 3 Month 4 Quarter 5 Semiannually 6 Annually 7 Other **D(Y052)** 7 One time payment **N(Y052)** 8 Other – specify **N(Y052)** CAPI Section 10	88	CHAR(1)
PAYTIME_		89	CHAR(1)
EMPLYEXP	How much of the leasing cost is paid by an employer? CAPI Section 10	90	NUM(8)
EMPL_EXP		98	CHAR(1)
TRADEEXP	How much was the trade-in allowance received? CAPI Section 10	99	NUM(8)
TRAD_EXP		107	CHAR(1)
DOWNEXP	How much was the cash down payment made? CAPI Section 10	108	NUM(8)
DOWNEXP_		116	CHAR(1)
DNEMPEXP	How much of the cash down payment was paid by an employer? CAPI Section 10	117	NUM(8)

DNEM_EXP		125	CHAR(1)
LSDENDMO	In what month was the lease terminated? CAPI Section 10	126	CHAR(2)
LSDE_DMO		128	CHAR(1)
QADPMT1X	Amount paid for all leasing charges, adjusted for business, first month of reference period BLS derived	129	NUM(8)
QADP_T1X		137	CHAR(1)
QADPMT2X	Amount paid for all leasing charges, adjusted for business, second month of reference period BLS derived	138	NUM(8)
QADP_T2X		146	CHAR(1)
QADPMT3X	Amount paid for all leasing charges, adjusted for business, third month of reference period BLS derived	147	NUM(8)
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 BLS derived	156	NUM(8)
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 BLS derived	165	NUM(8)
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 BLS derived	174	NUM(8)
QEXT_A3X		182	CHAR(1)
QADDOWNX	Amount of cash down payment, adjusted for business	183	NUM(8)

	BLS derived		
QADD_WNX		191	CHAR(1)
QADFEEX	Amount of fees at termination of loan, adjusted for business	192	NUM(8)
	BLS derived		
QADFEEX_		200	CHAR(1)
MKMDEL	Vehicle make and model	201	CHAR(5)
	CAPI Section 10		
MKMDEL_		206	CHAR(1)
LSDENDYR	In what year was the lease terminated?	207	CHAR(4)
	CAPI Section 10		
LSDE_DYR		211	CHAR(1)

aa. *SECTION 11 OWNED VEHICLES*

PART B Detailed Questions (OVB)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*VEHICYB	Vehicle code CODED 100 Automobile 110 Truck, including vans **D(Y052)** 110 Trucks, minivans, vans, or SUVs **N(Y052)** 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 200 Any other vehicle CAPI Section 11	21	CHAR(3)
VEHICYB_		24	CHAR(1)
VEHICYR	What is the year of the vehicle? CODED 01 ≤ 1969 02 1970-1974	25	CHAR(2)

03 1975-1979
04 1980-1982
05 1983-1985
06 1986
07 1987
08 1988
09 1989
10 1990
11 1991
12 1992
13 1993
14 1994
15 1995
16 1996
17 1997
18 1998
19 1999
20 2000
21 2001
22 2002
23 2003
24 2004
25 2005

BLS derived

VEHICYR_		27	CHAR(1)
CYLQ	How many cylinders does it have? (0 if rotary, turbine, or electric) CAPI Section 11	33	NUM(2)
CYLQ_		35	CHAR(1)
*AUTOTRAN	Does it have automatic transmission? CODED 1 Yes 2 No CAPI Section 11 **D(Y052)**	36	CHAR(1)
*AUTO_RAN	**D(Y052)**	37	CHAR(1)
*PWRSTEER	Does it have power steering? CODED 1 Yes 2 No CAPI Section 11 **D(Y052)**	38	CHAR(1)
*PWRS_EER	**D(Y052)**	39	CHAR(1)

*PWRBRAKE	Does it have power brakes? CODED 1 Yes 2 No CAPI Section 11 **D(Y052)**	40	CHAR(1)
*PWRB_AKE	**D(Y052)**	41	CHAR(1)
*AIRCAR	Does it have air conditioning? CODED 1 Yes 2 No CAPI Section 11 **D(Y052)**	42	CHAR(1)
*AIRCAR_	**D(Y052)**	43	CHAR(1)
*SUNROOF	Does it have a sun roof? CODED 1 Yes 2 No CAPI Section 11 **D(Y052)**	44	CHAR(1)
*SUNROOF_	**D(Y052)**	45	CHAR(1)
*TURBOCHG	Does it have a turbo charged engine? CODED 1 Yes 2 No CAPI Section 11 **D(Y052)**	46	CHAR(1)
*TURB_CHG	**D(Y052)**	47	CHAR(1)
*DIESEL	Does it have a diesel engine? CODED 1 Yes 2 No CAPI Section 11 **D(Y052)**	48	CHAR(1)
*DIESEL_	**D(Y052)**	49	CHAR(1)
*FRWHLDRV	Does it have four wheel drive? CODED 1 Yes 2 No CAPI Section 11	50	CHAR(1)

	D(Y052)		
*FRWH_DRV	**D(Y052)**	51	CHAR(1)
*NUMDOOR	How many doors does it have? (VEHICYB = 100 only) CAPI Section 11 **D(Y052)**	52	NUM(1)
*NUMDOOR_	**D(Y052)**	53	CHAR(1)
*AUTOTYPE	Is it a . . . ? (VEHICYB = 100 only) CODED 1 Station wagon 2 Convertible 3 Hatchback 4 Other CAPI Section 11 **D(Y052)**	54	CHAR(1)
*AUTO_YPE	**D(Y052)**	55	CHAR(1)
VEHBSNZ	What percent of the mileage is counted as a business expense? CAPI Section 11	56	NUM(4,2)
VEHBSNZ_		60	CHAR(1)
VEHNEWU	Was it new or used when acquired? CODED 1 New 2 Used CAPI Section 11	61	CHAR(1)
VEHNEWU_		62	CHAR(1)
*VPURSRCE	Was this vehicle purchased from . . . ? (Seller) CODED 1 Vehicle dealership 2 Private individual 3 Other CAPI Section 11 **D(Y052)**	63	CHAR(1)
*VPUR_RCE	**D(Y052)**	64	CHAR(1)
VEHGFTC	Was this vehicle . . . ? CODED 1 Purchased for own use 2 Purchased as gift to person outside CU 3 Received as gift CAPI Section 11	65	CHAR(1)

VEHGFTC_		66	CHAR(1)
VEHPURMO	In what month was it purchased? CAPI Section 11	67	CHAR(2)
VEHP_RMO		69	CHAR(1)
VEHPURYR	In what year was it purchased? CAPI Section 11	70	CHAR(4)
VEHP_RYR		74	CHAR(1)
VFINSTAT	On the 1st of *(month, 3 months ago)*, were all loans on this vehicle paid off or were there any remaining payments to be made? CODED 1 Paid off 2 Remaining payments CAPI Section 11	75	CHAR(1)
VFIN_TAT		76	CHAR(1)
TRADEX	How much was the trade-in allowance received? CAPI Section 11	77	NUM(6)
TRADEX_		83	CHAR(1)
*NETPURX	What was the amount paid for it after trade-in allowance and discount? **D(Y052)** What was the amount paid for it after trade-in allowance, discount, or rebate? **N(Y052)** CAPI Section 11	84	NUM(6)
NETPURX_		90	CHAR(1)
EMPLEXPX	How much of the amount or price was paid by an employer? CAPI Section 11	91	NUM(6)
EMPL_XPX		97	CHAR(1)
DNPAYMTX	What was the amount of the cash down payment? (VFINSTAT = 2 only) CAPI Section 11	98	NUM(6)
DNPA_MTX		104	CHAR(1)
FIN_INST	What was the source of credit? (VFINSTAT = 2 only)	105	CHAR(1)

	CODED 1 Auto dealer 2 Finance company 3 Bank 4 Credit union 5 Insurance company 6 Individual 7 Other CAPI Section 11		
FIN__NST		106	CHAR(1)
PRINCIPX	How much was borrowed, excluding any interest? CAPI Section 11	107	NUM(6)
PRIN_IPX		113	CHAR(1)
VEHQPMT	What was the number of payments contracted for? CAPI Section 11	114	NUM(4)
VEHQPMT_		118	CHAR(1)
PMT1MO	In what month was the first payment made? CAPI Section 11	119	CHAR(2)
PMT1MO_		121	CHAR(1)
PMT1YR	In what year was the first payment made? CAPI Section 11	122	CHAR(4)
PMT1YR_		126	CHAR(1)
PAYMENTX	What is the amount of each payment? CAPI Section 11	127	NUM(4)
PAYM_NTX		131	CHAR(1)
PMTPERD	What period is covered by each payment? CODED 1 Week 2 2 weeks 3 Month 4 Quarter 5 Semiannually 6 Annually 7 Other CAPI Section 11	132	CHAR(1)
PMTPERD_		133	CHAR(1)

EXTRCHGX How much of the payment is for charges other than principal and interest such as auto insurance or credit life insurance? 134 NUM(6)

CAPI Section 11

EXTR_HGX 140 CHAR(1)

QINTRSTZ Interest rate, based on the direct ratio formula 141 NUM(5,4)

QINTRSTZ=(72*((VEHQPMT*PAYMENTX)-PRINCIPX))/(((3*PRINCIPX)*(VEHQPMT + 1)) + (((VEHQPMT*PAYMENTX)-PRINCIPX)*(VEHQPMT-1)))

BLS derived

QINT_STZ The following is the calculation of the next 12 variables, monthly principal, interest, balance and number of months. Note that i goes from 1 to 3. 146 CHAR(1)

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	193	NUM(8)
	BLS derived		
QVIN_M2X		201	CHAR(1)
QVPRIM2X	Amount of principal paid during second month of reference period	202	NUM(8)
	BLS derived		
QVPR_M2X		210	CHAR(1)
QLOANM3Q	Number of months since the inception of loan as of third month of reference period	211	NUM(4)
	BLS derived		
QLOA_M3Q		215	CHAR(1)
QBALNM3X	Principal balance outstanding at the beginning of second month of reference period	216	NUM(8)
	BLS derived		
QBAL_M3X		224	CHAR(1)

QVINTM3X	Amount of interest paid during third month of reference period 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 BLS derived	243	NUM(8)
QTRADEX_		251	CHAR(1)
QREIMBRZ	Percent of cost paid by employer after trade-in allowance (EMPLEXPX/NETPURX) BLS derived	252	NUM(4,2)
QREI_BRZ		256	CHAR(1)
QADITR1X	Amount of interest paid during first month of reference period, adjusted for business (QVINTM1X * (1-QREIMBRZ)) BLS derived	257	NUM(8)
QADI_R1X		265	CHAR(1)
QADITR2X	Amount of interest paid during second month of reference period, adjusted for business (QVINTM2X * (1-QREIMBRZ)) BLS derived	266	NUM(8)
QADI_R2X		274	CHAR(1)
QADITR3X	Amount of interest paid during third month of reference period, adjusted for business (QVINTM3X * (1-QREIMBRZ)) BLS derived	275	NUM(8)
QADI_R3X		283	CHAR(1)

QDNPYMTX	Amount of down payment, adjusted for business (DNPAYMTX * (1-QREIMBRZ)) BLS derived	284	NUM(6)
QDNP_MTX		290	CHAR(1)
VEHMILE	How many miles are currently on the vehicle? (VEHICYB = 100-120, 150 only) CAPI Section 11	291	NUM(6)
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 CAPI Section 11	298	CHAR(1)
VEHE_TLN		299	CHAR(1)
VEHICIB	Vehicle number CAPI Section 11	300	CHAR(2)
VEHICIB_		302	CHAR(1)
MKMODEL	Vehicle make and model CAPI Section 11	303	CHAR(5)
MKMODEL_		308	CHAR(1)
*NOOPTION	Vehicle has no listed options '1' = Yes '2' = No CAPI Section 11 **D(Y052)**	309	CHAR(1)
*NOOP_ION	**D(Y052)**	310	CHAR(1)
*DKOPTION	Don't know which options '1' = Yes '2' = No CAPI Section 11 **D(Y052)**	311	CHAR(1)
*DKOP_ION	**D(Y052)**	312	CHAR(1)
VFINANCE	Was any portion of the vehicle price financed?	313	CHAR(1)

	'1' = Vehicle was financed '2' = Vehicle not financed CAPI Section 11		
*FUELTYPE	What is it fueled by? 1 – gasoline 2 – diesel fuel 3 – hybrid electric power 4 – other (specify) CAPI Section 11 **N(Y052)**	314	CHAR(1)
*FUEL_YPE	**N(Y052)**	315	CHAR(1)
*VPURINDV	Was this purchased from a private individual? 1 – Yes 2 – No CAPI Section 11 **N(Y052)**	316	CHAR(1)
*VPUR_NDV	**N(Y052)**	317	CHAR(1)
*VINTRATE	What was the interest rate? CAPI Section 11 **N(Y052)**	318	NUM(5.4)
*VINT_ATE	**N(Y052)**	323	CHAR(1)

bb. *SECTION 11 OWNED VEHICLES*

PART C Disposal of Vehicles (OVC)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
VEHICYC	Vehicle code CODED 100 Automobile 110 Truck, including vans 120 Motorized camper-coach 130 Trailer-type camper 140 Other attachable-type camper 150 Motorcycle, motor scooter or moped (motorized bicycle) 160 Boat, with a motor 170 Boat, without a motor 180 Trailer other than camper type, such as for a boat or cycle 200 Any other vehicle CAPI Section 11	21	CHAR(3)
VEHICYC_		24	CHAR(1)
*VEHDISP	How did you dispose of the vehicle? CODED 1 Sold 2 Traded in 3 Given away to someone outside the CU, including students away at school **D(Y052)** 3 Given away or donated to someone outside the CU, including students away at school **N(Y052)** 4 Damaged beyond repair 5 Stolen 6 Other CAPI Section 11	25	CHAR(1)
VEHDISP_		26	CHAR(1)
VDISPMO	In what month was it disposed of? CAPI Section 11	27	CHAR(2)
VDISPMO_		29	CHAR(1)
SALEX	How much did you sell it for? (VEHDISP = 1 only) CAPI Section 11	30	NUM(6)
SALEX_		36	CHAR(1)
REIMBURX	How much did you receive for the vehicle? (VEHDISP = 4 or 5 only) CAPI Section 11	37	NUM(6)
REIM_URX		43	CHAR(1)

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

cc. ***<u>SECTION 12 VEHICLE OPERATING EXPENSES</u>***

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 CAPI Section 12	21	CHAR(3)
VOPV_HYA		24	CHAR(1)
VOPMOA	In what month did you have this expense? CAPI Section 12	25	CHAR(2)
VOPMOA_		27	CHAR(1)
VOPEXPX	What was the total cost? CAPI Section 12	28	NUM(6)
VOPEXPX_		34	CHAR(1)
VOPRMBXA	How much was (will be) reimbursed? CAPI Section 12	35	NUM(6)
VOPR_BXA		41	CHAR(1)

QVOPEQPX	Amount paid for vehicle equipment or maintenance less reimbursements If VOPRMBXA is present: QVOPEQPX = 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 BLS derived	42	NUM(8)
QVOP_QPX		50	CHAR(1)
*VOPSERVY	Item code CODED 100 Oil change, lubrication, and oil filter 110 Motor tune-up 120 Brake work 130 Battery purchase and installation 140 Tire purchases and mounting 150 Tire repair 160 Front end alignment, wheel balancing, and wheel rotation 170 Steering or front end work 180 Electrical system work 190 Engine repair or replacement 200 Air conditioning work 210 Engine cooling system work 300 Exhaust system work 310 Clutch or transmission work 320 Body work and painting 330 Shock absorber replacement 340 Drive shaft or rear-end work 345 Video equipment and installation **N(Y052)** 350 Audio equipment and installation 360 Vehicle accessories and customization 365 Vehicle cleaning services and cleaning supplies **N(Y052)** 370 Other vehicle services, parts, and equipment 500 Combined expenses (100-370) CODED 115 Combined oil change/lube/filter and motor tune-up (100, 110) CAPI Section 12	51	CHAR(3)
VOPS_RVY		54	CHAR(1)
VOPLABOR	Did this expense include labor? CODED 1 Yes 2 No	55	CHAR(1)

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

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

dd. ***<u>SECTION 12 VEHICLE OPERATING EXPENSES</u>***

<u>PART B Licensing, Registration, and Inspection of Vehicles (VLR)</u>

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) CAPI Section 12	21	CHAR(3)
VOPREGY_		24	CHAR(1)
VOPMO_C	In what month did you have this expense? CAPI Section 12	25	CHAR(2)
VOPMO_C_		27	CHAR(1)
VOPREGX	What was the total amount of this expense? CAPI Section 12	28	NUM(4)
VOPREGX_		32	CHAR(1)
VOPRGY1	If VOPREGY = 430, then VOPRGY1 will contain the first code mentioned of the multiple items indicated in VOPREGY CAPI Section 12	33	CHAR(3)
VOPRGY1_		36	CHAR(1)

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

ee. *SECTION 12 VEHICLE OPERATING EXPENSES*

PART C Other Vehicle Operating Expenses (VOT)

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

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	21	NUM(5)
VOPF_UDX		26	CHAR(1)
VOPPARKX	Since the 1st of *(month, 3 months ago)*, how much was paid, excluding any payments made this month, for parking, including garage rental, metered parking and parking lot fees, except expenses included in property ownership costs? (Do not include parking expenses that are totally reimbursed or paid entirely for business.) CAPI Section 12	27	NUM(5)
VOPP_RKX		32	CHAR(1)
VOPTOWX	Since the 1st of *(month, 3 months ago)*, how much was paid, excluding any payments made in the current month, for towing charges, excluding contracted or pre-paid charges? CAPI Section 12	33	NUM(5)
VOPTOWX_		38	CHAR(1)
VOPDOCKX	Since the 1st of *(month, 3 months ago)*, how much was paid, excluding any payments made in the current month, for docking and landing fees for boats and planes? CAPI Section 12	39	NUM(5)
VOPD_CKX		44	CHAR(1)
VOPPLCYX	Since the 1st of *(month, 3 months ago)*, excluding *(this month)*, how much were expenses for auto repair service policies? Do not include service policies for vehicles used entirely for business. CAPI Section 12	45	NUM(5)
VOPP_CYX		50	CHAR(1)
TANKGASX	Since the 1st of *(month, 3 months ago)*, excluding *(this month)*,	51	NUM(6)

	how much were expenses for bottled or tank gas for recreational vehicles, including vans, campers, and boats?		
	CAPI Section 12		
TANK_ASX		57	CHAR(1)
QBSNSEPZ	Percent of expenses for gasoline and other fuels counted as business expense	58	NUM(4,2)
	BLS derived		
QBSN_EPZ		62	CHAR(1)
QOIL3MCX	Amount paid for oil, other than oil included with purchase of oil change, during the reference period	63	NUM(8)
	BLS derived		
QOIL_MCX		71	CHAR(1)
JGASOXQV	Quarterly expenditure on gasoline and other non-diesel fuels to operate automobiles, trucks, motorcycles, or any other vehicles, adjusted for business	72	NUM(8)
	BLS derived		
JGAS_XQV		80	CHAR(1)
JDIESXQV	Quarterly expenditure on diesel fuel to operate automobiles, trucks, motorcycles, or any other vehicles, adjusted for business	81	NUM(8)
	BLS derived		
JDIE_XQV		89	CHAR(1)
VOPCLUBX	Expense for automobile service clubs	90	NUM(5)
	CA PI Section 12		
VOPC_UBX		95	CHAR(1)
*VOPTOLLX	Expenses for tolls or electronic passes, excluding those in the current month	96	NUM(5)
	CAPI Section 12 **N(Y052)**		
*VOPT_LLX	**N(Y052)**	101	CHAR(1)

ff. ***<u>SECTION 13 INSURANCE OTHER THAN HEALTH</u>***

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	21	CHAR(2)
POLI_YIB		23	CHAR(1)
PLCYSTAB	Policy discontinued CODED 1 Discontinued CAPI Section 13	24	CHAR(1)
PLCY_TAB		25	CHAR(1)
*POLICYYB	What type of insurance is (was) it? CODED 100 Life insurance, or other policies which provide benefits in case of death or disability 110 Long Term Care insurance **N(Y052)** 200 Automobile or other vehicle insurance 300 Homeowner's insurance (Now includes fire and extended coverage insurance, previously collected separately under code 500) 400 Tenant's insurance 500 Other types of non-health insurance 900 Combined insurance **N(Y052)** CAPI Section 13	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	30	CHAR(2)
INSP_PY1		32	CHAR(1)
INSPRPY2	See INSPRPY1 for question and source.	33	CHAR(2)
INSP_PY2		35	CHAR(1)
INSPRPY3	See INSPRPY1 for question and source.	36	CHAR(2)
INSP_PY3		38	CHAR(1)

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

	BLS derived		
QINS_DDZ		58	CHAR(1)
QPROPDDZ	Percent of owned property expense paid by CU, adjusted for business, averaged over all properties. (The percentage is derived from a variable in Section 3, Part B.) QPROPDDZ = SUM(1-OBSNSZB)/n BLS derived	59	NUM(4,2)
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.) QRTINDDZ = SUM(1-RTBSNSZ)/n BLS derived	64	NUM(4,2)
QRTI_DDZ		68	CHAR(1)
QVH3MCMX	Amount paid in premiums for automobile or other vehicle insurance, adjusted for business, during reference period BLS derived	69	NUM(8)
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 BLS derived	78	NUM(8)
QPR3_CMX		86	CHAR(1)
QTN3MCMX	Amount paid in premiums for tenant's insurance, adjusted for business, during reference period BLS derived	87	NUM(8)
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 BLS derived	96	NUM(8)
QLIFCMX_		104	CHAR(1)
QOTHCMX	Amount paid in premiums for other types of non-health insurance	105	NUM(8)

	during reference period BLS derived		
QOTHCMX_		113	CHAR(1)
INSPTYPE	Property code for insurance CODED 1 The home in which you (your CU) currently live(s) or a home in which you (your CU) used to live 2 A second home, vacation home or recreational property 3 Unimproved land with no buildings on it or other owned property BLS derived	114	CHAR(1)
INSP_YPE		115	CHAR(1)
*INSCMB1	Combined insurance 100 – Life insurance 110 – Long Term Care insurance 200 – Automobile insurance 300 – Homeowner's insurance 400 – Tenant's insurance 500 – Other non-health insurance 900 – Combined insurance CAPI Section 13 **N(Y052)**	116	CHAR(3)
*INSCMB1_	**N(Y052)**	119	CHAR(1)
*INSCMB2	See INSCMB1 for definition and source **N(Y052)**	120	CHAR(3)
*INSCMB2_	**N(Y052)**	123	CHAR(1)
*INSCMB3	See INSCMB1 for definition and source **N(Y052)**	124	CHAR(3)
*INSCMB3_	**N(Y052)**	127	CHAR(1)
*INSCMB4	See INSCMB1 for definition and source **N(Y052)**	128	CHAR(3)
*INSCMB4_	**N(Y052)**	131	CHAR(1)
*INSCMB5	See INSCMB1 for definition and source **N(Y052)**	132	CHAR(3)
*INSCMB5_	**N(Y052)**	135	CHAR(1)
*INSCMB6	See INSCMB1 for definition and source **N(Y052)**	136	CHAR(3)
*INSCMB6_	**N(Y052)**	139	CHAR(1)

*INSCMB7	See INSCMB1 for definition and source **N(Y052)**	140	CHAR(3)
*INSCMB7_	**N(Y052)**	143	CHAR(1)
*INSCMB8	See INSCMB1 for definition and source **N(Y052)**	144	CHAR(3)
*INSCMB8_	**N(Y052)**	147	CHAR(1)
*INSCMB9	See INSCMB1 for definition and source **N(Y052)**	148	CHAR(3)
*INSCMB9_	**N(Y052)**	151	CHAR(1)
*QLNGTCMX	Amount paid for long term care insurance during the reference period BLS derived **N(Y052)**	152	NUM(8)
*QLNG_CMX	**N(Y052)**	160	CHAR(1)

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

PART B Detailed Questions (IHB)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
HHIPDLIB	Policy number CAPI Section 14	21	CHAR(2)
HHIP_LIB		23	CHAR(1)
HHISTATB	Policy discontinued CODED 1 Discontinued CAPI Section 14	24	CHAR(1)
HHIS_ATB		25	CHAR(1)

HHICOVQ	How many CU members are covered by this policy? NOTE: When a CU consisting of two or more persons has reported the existence of a policy, but does not answer this question, the value for this variable defaults to 99. CAPI Section 14	26	NUM(2)
HHICOVQ_		28	CHAR(1)
HHIGROUP	Was the policy obtained on an individual or group basis? CODED 1 Individually obtained 2 Group through place of employment 3 Group through other organization CAPI Section 14	29	CHAR(1)
HHIG_OUP		30	CHAR(1)
HHIPRMPD	By whom are the premiums paid? CODED 1 Entirely by CU members 2 Partially by CU members 3 Entirely by an employer or union 4 Entirely by another group or person outside of CU CAPI Section 14	31	CHAR(1)
HHIP_MPD		32	CHAR(1)
HHIPRDED	Are any of the premiums paid through payroll deductions? (HHIPRMPD = 1 or 2 only) CODED 1 Yes 2 No CAPI Section 14	33	CHAR(1)
HHIP_DED		34	CHAR(1)
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 CAPI Section 14	35	CHAR(1)
HHIR_MPD		36	CHAR(1)

QHI3MCX	Amount paid for health insurance premiums during the reference period BLS derived	37	NUM(8)
QHI3MCX_		45	CHAR(1)
HHIBCBS	Is insurance company Blue Cross/Blue Shield? CODED 1 Yes 2 No CAPI Section 14	46	CHAR(1)
HHIBCBS_		47	CHAR(1)
HHICODE	What type of insurance plan is it? CODED 1 Health maintenance organization 2 Fee for service plan 3 Commercial Medicare supplement 4 Other special purpose plan CAPI Section 14	48	CHAR(1)
HHICODE_		49	CHAR(1)
HHIPOS	If, except in the case of an emergency, you go to a doctor other than one in the group center or your primary care doctor, without a referral, will the plan pay any of your expenses? (HHICODE = 1 only) CODED 1 Yes 2 No CAPI Section 14	50	CHAR(1)
HHIPOS_		51	CHAR(1)
HHIFEET	Is this fee for service plan a - ? (HHICODE = 2 only) CODED 1 Traditional Fee for Service Plan 2 Preferred Provider Option Plan CAPI Section 14	52	CHAR(1)
HHIFEET_		53	CHAR(1)

HHISPECT	Is this special purpose insurance plan - ? (HHICODE = 4 only) CODED 1 Dental insurance 2 Vision insurance 3 Prescription drug insurance 4 Mental health insurance 5 Dread disease policy 6 Other type of special purpose health insurance CAPI Section 14	54	CHAR(1)
HHIS_ECT		55	CHAR(1)

hh. ***<u>SECTION 14 HOSPITALIZATION AND HEALTH INSURANCE</u>***

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

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 *(month, 3 months ago)*? Medicare is the Federal Health Insurance Plan. CODED 1 Yes 2 No CAPI Section 14	21	CHAR(1)
HHMC_ENR		22	CHAR(1)
HHMCRCOV	How many members of your CU are covered by Medicare? (HHMCRENR = 1 only) CAPI Section 14	23	NUM(2)
HHMC_COV		25	CHAR(1)
MDCDENR	Is anyone in your CU enrolled in Medicaid or has anyone in your CU been enrolled since the 1st of *(month, 3 months ago)*?? CODED 1 Yes 2 No CAPI Section 14	71	CHAR(1)
MDCDENR_		72	CHAR(1)
MDCDCOV	How many members of your CU are covered by Medicaid? (MDCDENR = 1 ONLY)	73	NUM(2)

	CAPI Section 14		
MDCDCOV_		75	CHAR(1)
OTHPLAN	Are you (or any members of CU) covered by any plan other than Medicare or Medicaid which provides free health care such as CHAMPUS, military health care, or TRI-CARE? CODED 1 Yes 2 No CAPI Section 14	121	CHAR(1)
OTHPLAN_		122	CHAR(1)
QCUMED1X	CU's combined Medicare cost in month 1? BLS derived	123	NUM(9,2)
QCUM_D1X		132	CHAR(1)
QCUMED2X	CU's combined Medicare cost in month 2? BLS derived	133	NUM(9,2)
QCUM_D2X		142	CHAR(1)
QCUMED3X	CU's combined Medicare cost in month 3? BLS derived	143	NUM(9,2)
QCUM_D3X		152	CHAR(1)

ii. *SECTION 15 MEDICAL AND HEALTH EXPENDITURES*

PART A Payments For Medical Expenses (MDB)

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
*MEDPCARY	Item code (Payment) CODED 110 Eye examinations, treatment, or surgery 120 Purchase of eye glasses or contact lenses 130 Combined eye care services (110, 120) 200 Dental care 310 Hospital room **D(Y052)** 320 Hospital services **D(Y052)** 330 Combined hospital room and services (310, 320) **D(Y052)**	21	CHAR(3)

330 Hospital room or hospital services **N(Y052)**
410 Services by medical professionals other than physician
420 Physician services
430 Combined hospital care and physicians' services (310, 320, 410, 420)
510 Lab tests or x-rays
520 Care in convalescent or nursing home
530 Other medical care
540 Combined medical care services (510-530)
610 Hearing aids
620 Prescribed medicines or prescribed drugs
630 Rental of supportive or convalescent equipment
640 Purchase of supportive or convalescent equipment
650 Rental of medical or surgical equipment for general use
660 Purchase of medical or surgical equipment for general use
670 Combined medicine and medical supplies (610-660)
900 Combined expense (any item in section/part)

CAPI Section 15

MEDP_ARY		24	CHAR(1)
MEDPGFTC	Was the person who received the care a CU member? CODED 1 Yes 2 No CAPI Section 15	25	CHAR(1)
MEDP_FTC		26	CHAR(1)
*MEDPMTMO	In what month was (were) the payment(s) made? CODED 01-12 – Month of expense 13 – Continuous expense (monthly expense reported) **N(Y052)** CAPI Section 15	27	CHAR(2)
MEDP_TMO		29	CHAR(1)
MEDPMTX	What was the amount of the payment? CAPI Section 15	30	NUM(8)
MEDPMTX_		38	CHAR(1)
MEDPCY1	If MEDPCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDPCARY CAPI Section 15	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)

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

PART B Reimbursements For Medical Expenses (MDC)

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

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 **D(Y052)** 320 Hospital services **D(Y052)** 330 Combined hospital room and services (310,320) **D(Y052)** 330 Hospital room or hospital services **N(Y052)** 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	21	CHAR(3)
MEDR_ARY		24	CHAR(1)
MEDRGFTC	Was the person who received the care a CU member? CODED 1 Yes 2 No CAPI Section 15	25	CHAR(1)
MEDR_FTC		26	CHAR(1)
MEDRMBMO	In what month was (were) the reimbursement(s) received?	27	CHAR(2)

	CAPI Section 15		
MEDR_BMO		29	CHAR(1)
MEDRMBX	What was the amount of the reimbursement? CAPI Section 15	30	NUM(8)
MEDRMBX_		38	CHAR (1)
MEDRCY1	If MEDRCARY = 900, then MEDPCY1 will contain the first code mentioned of the multiple items indicated in MEDRCARY CAPI Section 15	39	CHAR(3)
MEDRCY1_		42	CHAR(1)
MEDRCY2	Same as MEDRCY1, but contains the second item mentioned CAPI Section 15	43	CHAR(3)
MEDRCY2_		46	CHAR(1)
MEDRCY3	Same as MEDRCY1, but contains the third item mentioned CAPI Section 15	47	CHAR(3)
MEDRCY3_		50	CHAR(1)
MEDRCY4	Same as MEDRCY1, but contains the fourth item mentioned CAPI Section 15	51	CHAR(3)
MEDRCY4_		54	CHAR(1)
MEDRCY5	Same as MEDRCY1, but contains the fifth item mentioned CAPI Section 15	55	CHAR(3)
MEDRCY5_		58	CHAR(1)
MEDRCY6	Same as MEDRCY1, but contains the sixth item mentioned CAPI Section 15	59	CHAR(3)
MEDRCY6_		62	CHAR(1)
MEDRCY7	Same as MEDRCY1, but contains the seventh item mentioned CAPI Section 15	63	CHAR(3)
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)

kk. *SECTION 16 EDUCATIONAL EXPENSES (EDA)*

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

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
EDUC_AY	Item code CODED 100 Recreational lessons or other instructions for members of this CU or other persons 200 Nursery school or child day care centers for members of this CU or other persons 300 Tuition 310 Housing while attending school 320 Food or board while attending school 330 Combined room and board (310, 320) 335 Combined tuition room and board (300, 310, 320) 340 Private school bus (previously captured in the XPB file under PRIVBUSX 350 Purchase of any school books, supplies, or equipment which has not already been reported 360 Other school related expenses not already reported. (Now includes rental of any school books or equipment not already reported, previous code 340). 370 Combined expenses for books and tuition (300, 340-350) 380 Other combined educational expenses (not previously reported) (100-320, 340-360) CAPI Section 16	21	CHAR(3)
EDUC_AY_		24	CHAR(1)

*EDUCGFTC	Who was the educational expense for? CODED 01-98 CU member (MEMBNO from MEMB file) **D(Y052)** 99 Someone outside CU **D(Y052)** 01-30 CU member (MEMBNO from MEMB file) **N(Y052)** 55 Someone outside the CU **N(Y052)** CAPI Section 16	25	CHAR(2)
EDUC_FTC		27	CHAR(1)
EDSCHL_A	What kind of school was it? CODED 1 College or university 2 Elementary or high school 3 Child day care center 4 Nursery school or preschool 5 Other school CAPI Section 16	28	CHAR(1)
EDSC_L_A		29	CHAR(1)
*EDMONTHA	In what month was the payment made? CODED '01' – '12' Month of expense '13' Continuous expense **D(Y052)** '13' Continuous expense (monthly expense reported) **N(Y052)** CAPI Section 16 (S16 col. f)	30	CHAR(2)
EDMO_THA		32	CHAR(1)
EDREIMBX	How much of the payment was or will be reimbursed? CAPI Section 16 (S16 col. i)	33	NUM(8)
EDRE_MBX		41	CHAR(1)
JEDUCNET	Net amount paid for educational expenses during reference period BLS derived	42	NUM(8)
JEDU_NET		50	CHAR(1)
EDUC_A1	If EDUC_AY = 380, then EDUC_A1 will contain the first code mentioned of the multiple items indicated in EDUC_AY CAPI Section 16	51	CHAR(3)
EDUC_A1_		54	CHAR(1)

EDUC_A2	Same as EDUC_A1, but contains the second item mentioned CAPI Section 16	55	CHAR(3)
EDUC_A2_		58	CHAR(1)
EDUC_A3	Same as EDUC_A1, but contains the third item mentioned CAPI Section 16	59	CHAR(3)
EDUC_A3_		62	CHAR(1)
EDUC_A4	Same as EDUC_A1, but contains the fourth item mentioned CAPI Section 16	63	CHAR(3)
EDUC_A4_		66	CHAR(1)
EDUC_A5	Same as EDUC_A1, but contains the fifth item mentioned CAPI Section 16	67	CHAR(3)
EDUC_A5_		70	CHAR(1)
EDUC_A6	Same as EDUC_A1, but contains the sixth item mentioned CAPI Section 16	71	CHAR(3)
EDUC_A6_		74	CHAR(1)
EDUC_A7	Same as EDUC_A1, but contains the seventh item mentioned CAPI Section 16	75	CHAR(3)
EDUC_A7_		78	CHAR(1)
EDUC_A8	Same as EDUC_A1, but contains the eighth item mentioned CAPI Section 16	79	CHAR(3)
EDUC_A8_		82	CHAR(1)
EDUC_A9	Same as EDUC_A1, but contains the ninth item mentioned CAPI Section 16	83	CHAR(3)
EDUC_A9_		86	CHAR(1)

II. ***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 **D(Y052)** 150 Subscriptions to newspapers, magazines, or periodicals, including online subscriptions **N(Y052)** 200 Books purchased from a book club 300 Compact discs, tapes, videos, or records purchased from a mail-order club **D(Y052)** 400 Magazines or periodical subscriptions **D(Y052)** 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 **D(Y052)** 800 Golf courses, country clubs, and other social organizations **N(Y052)** 830 Health clubs, fitness centers, swimming pools, weight loss centers, or other sports and recreational organizations **N(Y052)** 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 **D(Y052)** 910 Global positioning services (GPS), such as OnStar **N(Y052)** 930 Direct or online dating services **N(Y052)** CAPI Section 17	21	CHAR(3)
S17C_DEA		24	CHAR(1)
S17GFTCA	Was subscription or membership expense purchased for own use or as a gift? CODED 1 Purchased for CU 2 Purchased for someone outside CU CAPI Section 17	25	CHAR(1)
S17G_TCA		26	CHAR(1)
QSUB3MCX	Amount paid for subscriptions and memberships during reference period BLS derived	27	NUM(8)

QSUB_MCX		35	CHAR(1)

mm. _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 BLS 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 BLS 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 **D(Y052)** Admissions paid to performances, such as movies, plays, operas, or concerts, including service fees and surcharges, during the reference period **N(Y052)** BLS 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) BLS derived **D(Y052)**	48	NUM(8)
*QBK3_CMX	**D(Y052)**	56	CHAR(1)
*QMG3MCMX	Amount paid for magazines not included in a subscription during the reference period BLS derived	57	NUM(8)

	D(Y052)		
*QMG3_CMX	**D(Y052)**	65	CHAR(1)
*QNEW3MCX	Amount paid for single copies of newspapers (non-subscription) during the reference period BLS derived **D(Y052)**	66	NUM(8)
*QNEW_MCX	**D(Y052)**	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 **D(Y052)** Amount paid for CDs, audio tapes, or records, other than through a mail order club, during the reference period **N(Y052)** BLS derived	75	NUM(8)
QREC_MCX		83	CHAR(1)
QFLM3MCX	Amount paid for photographic film during the reference period BLS derived	84	NUM(8)
QFLM_MCX		92	CHAR(1)
*QFLP3MCX	Amount paid for film processing during the reference period **D(Y052)** Amount paid for film processing or for printing digital photographs during the reference period **N(Y052)** BLS derived	93	NUM(8)
QFLP_MCX		101	CHAR(1)
QPVD3MCX	Amount paid for purchase of video cassettes, video tapes, or video discs other than through a mail-order club during the reference period BLS derived	102	NUM(8)
QPVD_MCX		110	CHAR(1)
QRVD3MCX	Amount paid for rental of video cassettes, video tapes, or video discs during the reference period BLS derived	111	NUM(8)
QRVD_MCX		119	CHAR(1)
*QENT3MCX	Admission paid to other entertainment activities during the reference period	120	NUM(8)

	BLS derived **N(Y052)**		
*QENT_MCX	**N(Y052)**	128	CHAR(1)
*QBR3MCX	Book expenses, including reference books, during the reference period BLS derived **N(Y052)**	129	NUM(8)
*QBR3MCX_	**N(Y052)**	137	CHAR(1)
*QNMG3MCX	Expenses for newspapers, magazines, and periodicals during the reference period BLS derived **N(Y052)**	138	NUM(8)
*QNMG_MCX	**N(Y052)**	146	CHAR(1)

nn. ***<u>SECTION 18 TRIPS AND VACATIONS</u>***

<u>PART A 100% Reimbursed Trips (TRD)</u>

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	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	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	33	CHAR(3)

160 Train fare
170 Bus fare
180 Ship fare
190 Taxi fare
200 Miscellaneous expenses
210 Entertainment expenses
220 Sports expenses

BLS derived

TOTY_PDY		36	CHAR(1)

oo. *__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 BLS derived	23	CHAR(1)
WHAT_ART		24	CHAR(1)
TRIPIDBC	Trip identification number CAPI Section 18	25	NUM(2)
TRIP_DBC		27	CHAR(1)
NUMSAME	Number of identical trips CAPI Section 18	28	NUM(2)
NUMSAME_		30	CHAR(1)
EOTRIPMO	Month ended CODED 01-12 January-December 13 Trip not yet ended CAPI Section 18	31	CHAR(2)
EOTR_PMO		33	CHAR(1)

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

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

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

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

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

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

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

pp. ***<u>SECTION 18 TRIPS AND VACATIONS</u>***

<u>PART E Trip Expenses for Non-CU Members (TRE)</u>

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 *(month, three months ago)*, how many trips have you (has your CU) paid in full or in part for any non-CU members? CAPI Section 18	21	NUM(2)
NUMN_NCU		23	CHAR(1)
TRNONCUX	What was the total amount that you (your CU) paid for that trip (those trips)? BLS derived	24	NUM(8)

TRNO_CUX		32	CHAR(1)
TRNONCUY	Type of expense paid for non-CU members CODED 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)
TRNO_CUY		36	CHAR(1)

qq. *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	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,	42	NUM(8)

	convenience stores, or liquor stores, including taxes?		
	CAPI Section 18		
ALCG_OCX		50	CHAR(1)
LOCADMSX	Amount paid for entertainment or admissions	51	NUM(8)
	BLS derived		
LOCA_MSX		59	CHAR(1)
FOODLCDL	Did the package deal include anything for food and beverages? CODED 1 Yes 2 No	60	CHAR(1)
	CAPI Section 18		
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		
LODG_CDL		63	CHAR(1)
ENTRLCDL	Did the package deal include anything for entertainment? CODED 1 Yes 2 No	64	CHAR(1)
	CAPI Section 18		
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		
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)
	BLS derived		
QLCMLAX_		76	CHAR(1)
QLCGLAX	Cost of food or beverages at grocery stores, convenience stores,	77	NUM(8)

or liquor stores, excluding alcoholic beverages

BLS derived

QLCGLAX_		85	CHAR(1)

rr. *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 150 Legal fees (excluding real estate closing costs) **D(Y052)** 150 Services of lawyers or other legal professionals **N(Y052)** 160 Accounting fees 170 Gardening or lawn care services 180 Housekeeping services 190 Babysitting or other child care in your own home **D(Y052)** 190 Babysitting, nanny services, or child care in your home **N(Y052)** 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 **D(Y052)** 220 Babysitting, nanny services, or child care in someone else's home **N(Y052)** 230 Moving, storage and freight express **D(Y052)** 230 Moving, storage, or freight **N(Y052)** 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 **D(Y052)** 290 Video or computer hardware, software, game boys, or accessories **N(Y052)** 300 Hand held computer games and computer board	21	CHAR(3)

games **D(Y052)**
330 Toys and games
340 Hobbies
345 Combined video or computer hardware, software, game boys, or accessories; toys/games and hobbies (290, 330, 340)
350 Adult day care centers
360 Professional photography fees
370 Home security system service fees
380 Occupational expenses
390 Lotteries and games of chance
400 Stamp and Coin Collecting

	CAPI Section 19		
MISC_ODE		24	CHAR(1)
*MISCMO	In what month did you have this expense? CODED 01-12 January-December 13 Continuous expense **D(Y052)** 13 Continuous expense (monthly expense reported) **N(Y052)** CAPI Section 19	25	CHAR(2)
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 CAPI Section 19	28	CHAR(1)
MISC_FTC		29	CHAR(1)
MISCEXPX	What was the total amount of the expense? CAPI Section 19	30	NUM(6)
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 CAPI Section 19	37	CHAR(3)
MISCDE1_		40	CHAR(1)
MISCDE2	Same as MISCDE1, but contains the second item mentioned CAPI Section 19	41	CHAR(3)
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)

ss. ***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 CAPI Section 19	21	CHAR(3)
CONT_ODE		24	CHAR(1)
*CONTMO	CODED 01-12 Month of payment/contribution 13 Continuous expense **D(Y052)** 13 Continuous expense (monthly expense reported) **N(Y052)** CAPI Section 19	25	CHAR(2)
CONTMO_		27	CHAR(1)
CONTEXPX	Amount of contribution CAPI Section 19	28	NUM(8)
CONT_XPX		36	CHAR(1)

tt. ***<u>SECTION 20 EXPENSE PATTERNS FOR FOOD, BEVERAGES, AND OTHER SELECTED ITEMS</u>***

<u>PART A Food and Beverages (XPA)</u>

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	30	NUM(8)

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

	BLS derived		
JSCH_LQV		119	CHAR(1)
JMKGRCQV	Quarterly expenditure for food and nonalcoholic beverages at the grocery store or supermarket (JMKPURQV - JNONFDQV) 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 CAPI Section 20	129	CHAR(1)
FREE_OOD		130	CHAR(1)

uu. ***<u>SECTION 20 EXPENSE PATTERNS FOR FOOD, BEVERAGES, AND OTHER SELECTED ITEMS</u>***

<u>PART B Selected Services and Goods (XPB)</u>

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	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	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 *(month, 3 months ago)*? CAPI Section 20	38	NUM(3)
SAFD_STX		41	CHAR(1)

TXLIMX	Since the 1st of *(month, 3 months ago)*, what was the total expense for taxis or limousine service for non-business purposes, except those used while on a trip?	42	NUM(4)
	CAPI Section 20		
TXLIMX_		46	CHAR(1)
JLDRYNET	Cost for coin-operated laundry or dry cleaning machines for clothing items	61	NUM(8)
	BLS derived		
JLDR_NET		69	CHAR(1)
JDRYCNET	Cost for services at the dry cleaners or laundry for clothing items	70	NUM(8)
	BLS derived		
JDRY_NET		78	CHAR(1)
JCIGARQV	Quarterly expenditure for cigarettes	79	NUM(8)
	BLS derived		
JCIG_RQV		87	CHAR(1)
JOTBACQV	Quarterly expenditure for cigars, pipe tobacco, or other tobaccos, including chewing tobacco	88	NUM(8)
	BLS derived		
JOTB_CQV		96	CHAR(1)
JBNKSCQV	Quarterly charges for checking accounts or other banking services	115	NUM(8)
	BLS derived		
JBNK_CQV		123	CHAR(1)
JTRANWQV	Usual quarterly cost of mass transit to go to work	124	NUM(8)
	BLS derived		
JTRA_WQV		132	CHAR(1)
JTRANSQV	Usual quarterly cost of mass transit to go to school	133	NUM(8)
	BLS derived		
JTRA_SQV		141	CHAR(1)
JTRANOQV	Usual quarterly cost of mass transit to go to other places	142	NUM(8)

	BLS derived		
JTRA_OQV		150	CHAR(1)
SALONX	Total expense for haircuts, styling, manicures, massages, or other salon services. CAPI Section 20	167	NUM(8)
SALONX_		175	CHAR(1)
*TRANSUBX	Usual monthly amount of transit subsidy CAPI Section 20 **N(Y052)**	176	NUM(6)
*TRAN_UBX	**N(Y052)**	182	CHAR(1)
*TRANWRKX	Monthly cost for transportation to work minus any amount covered by transit subsidies CAPI Section 20 **N(Y052)**	183	NUM(6)
*TRAN_RKX	**N(Y052)**	189	CHAR(1)

vv. *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 *(the current month)*, how much was owed to *(credit source)*? (Do not include mortgage, home equity loans, vehicle loans, or business related loans) CAPI Section 21	25	NUM(8)
CRED_TX1		33	CHAR(1)

ww. *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	21	CHAR(3)
CRED_TR5		24	CHAR(1)
CREDITX5	On the 1st of *(the current month)*, how much was owed to *(credit source)*? (Do not include mortgage, home equity loans, vehicle loans, or business related loans)? CAPI Section 21	25	NUM(8)
CRED_TX5		33	CHAR(1)
OWEMONEY	What was the total amount owed on the 1st of *(current month, one year ago)*? CAPI Section 21	34	NUM(8)
OWEM_NEY		42	CHAR(1)

xx. ***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.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT

Finance charges, interest charges, and late fees reported in this section do not apply to mortgages, home equity loans, or vehicle loans.

VARIABLE	ITEM DESCRIPTION	START POSITION	FORMAT
INSTALLX	During the past 12 months, how much was paid for finance, interest and late charges to stores for installment credit accounts? CAPI Section 21	28	NUM(6)
INST_LLX		34	CHAR(1)
MEDICALX	During the past 12 months, how much was paid for finance, interest and late charges to doctors, dentists, hospitals, or other medical practitioners for expenses not covered by insurance? CAPI Section 21	63	NUM(6)
MEDI_ALX		69	CHAR(1)
PDOTHERX	During the past 12 months, how much was paid for finance, interest and late charges to other credit sources? CAPI Section 21	70	NUM(6)
PDOT_ERX		76	CHAR(1)
GASCARDX	Amount of interest charges, finance charges, or late fees paid to gasoline credit cards in the past 12 months. CAPI Section 21	77	NUM(6)
GASC_RDX		83	CHAR(1)
STRCARDX	Amount of interest charges, finance charges, or late fees paid to store credit cards in the past 12 months. CAPI Section 21	84	NUM(6)
STRC_RDX		90	CHAR(1)
MAJCARDX	Total amount paid for finance, interest, or late charges to major credit cards or other revolving credit accounts.	91	NUM(6)

	CAPI Section 21		
MAJC_RDX		97	CHAR(1)
FININSTX	Amount of interest charges, finance charges, or late fees paid to financial institutions in the past 12 months.	98	NUM(6)
	CAPI Section 21		
FINI_STX		104	CHAR(1)

7. ***PROCESSING FILES***

a. ***Istub file***

X:\Programs\Istub2005.txt

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

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

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

b. ***UCC file***

X:\INTRVW05\UCCI05.TXT

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

DESCRIPTION	START POSITION	FORMAT
UCC	1	CHAR(6)
UCC title	8	CHAR(50)

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

c. *VEHicle file*

New vehicle codes were introduced with the CAPI instrument and should be used for vehicle information collected from the 2003q2 on. These codes can be found in the 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).

X:\INTRVW05\CAPIVEHI05.TXT

CAPIVEHI05.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 FMLY file to create calendar year estimates. The Integrated Mean and SE.sas program is used using data from the Diary and Interview files to match the means and standard errors of the published tables.

IV. TOPCODING AND OTHER NONDISCLOSURE REQUIREMENTS

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

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

A. CU CHARACTERISTICS AND INCOME FILE (FMLY)

The following FMLY file variables are subject to topcoding.

AGE_REF	Age of reference person
AGE2	Age of spouse
ALIOTHXM	Amount received from other regular contributions including alimony
BSINVSTX	Amount of investment in own farm or business
CHDLMPX	Amount received from lump sum child support payment
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
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	81	-	86	-	-
AGE2	81		86		
ALIOTHXM, ALIOTHX1-5	35,000	-	45,957	-	-
BSINVSTX	80,000	-	311,000	-	-
CHDLMPX	6,000	-	13,500	-	-
CHDOTHXM, CHDOTHX1-5	18,000	-	23,145	-	-
CKBKACTX	28,000	-	122,553	-	-
COMPBNDX	16,000	-15,000	184,000	-20,500	-
COMPCKGX	20,000	-20,000	66,309	-40,608	-
COMPOWDX	50,000	-40,000	94,763	-50,500	-
COMPSAVX	60,000	-50,000	248,586	-131,273	-
COMPSECX	180,000	-100,000	1,411,600	-325,000	-
FEDRFNDX	7,129	-	12,673	-	-
FEDTAXX	30,000	-	94,251	-	-
FININCXM FININCX1-5	40,000	-	97,406	-	-
INCLOSAM, INCLOSA1-5	20,000	-14,400	28,839	-12,132	-
INCLOSBM, INCLOSB1-5	55,100	-20,957	51,520	-29,250	-
INSRFNDX	4,500	-	10,375	-	-
INTEARNM, INTEARN1-5	35,000	-	72,615	-	-
LUMPSUMX	100,000	-	318,391	-	-
MISCTAXX	7,580	-	10,760	-	-
MONYOWDX	58,800	-	180,568	-	-
OTHRFNDX	1,700	-	4,000	-	-
OTHRINCM, OTHRINC1-5	35,000	-	63,407	-	-
PENSIONM, PENSION1-5	60,000	-	70,636	-	-
PTAXRFDX	1,500	-	3,582	-	-
PURSSECX	170,000	-	408,356	-	-
RENTEQVX	3,000	-	4,910	-	OWNYI = '100'
SALEINCX	20,000	-	64,500		
SAVACCTX	130,500	-	335,615	-	-
SECESTX	800,000	-	2,725,459	-	-
SELLSECX	100,000	-	364,775	-	-
SETLINSX	125,000	-	220,000	-	-
SLOCTAXX	6,000	-	25,055	-	-

Variable	Critical value +	Critical value -	Topcode value +	Topcode value -	Condition
SLRFUNDX	2,000	-	3,686	-	-
SSOVERPX	3,000	-	3,551	-	-
TAXPROPX	1,135	-	1,985	-	-
USBNDX	50,000	-	140,535	-	-
WDBSASTX	70,000	-	180,500	-	-
WDBSGDSX	20,000	-	23,000	-	-

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

EARNINCX	Amount of CU income from earnings before taxes
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 MEMB file. FARMINCM is subject to topcoding beyond the critical value of $150,000 (-$9,999). The topcode value for FARMINCM is $234,560 (-$28,845). (See Section IV.B. MEMBER CHARACTERISTICS AND INCOME FILE (MEMB)).

	FARMINCM			FFRMINCM	
CU		*REPORTED*	*AFTER TOPCODING*	*VALUE*	*FLAGGED AS TOPCODED?*
CU 1:	MEMB1	$85,000	$85,000		
	MEMB2	85,000	85,000	170,000	No
CU 2:	MEMB1	160,000	234,560		
	MEMB2	10,000	10,000	244,560	Yes
CU 3	MEMB1	445,000	234,560		
	MEMB2	50,000	50,000	284,560	Yes
CU 4	MEMB1	85,000	85,000		
	MEMB2	-55,000	-28,845	56,155	Yes

While CUs 1 and 2 each originally report $170,000 in FARMINCM, topcoding is done only on the value reported by MEMB1 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 ($244,560) 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 MEMB2. The reverse can also occur.

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

A small proportion of STATE codes are replaced with codes of states other than the state where the CU resides. By re-coding in this manner, suppression of POPSIZE and REGION may be avoided. (In past releases selected observations of POPSIZE and REGION required suppression.) In total, approximately 4% of observations are recoded.

[RR]01	Alabama	29	Missouri
02	Alaska	30	Montana
04	Arizona	31	Nebraska
*05	Arkansas	[RR]32	Nevada
[RR]**06	California	33	New Hampshire
**08	Colorado	34	New Jersey
09	Connecticut	**36	New York
10	Delaware	[RR]**37	North Carolina
11	District of Columbia	[RR]**39	Ohio
12	Florida	40	Oklahoma
[RR]**13	Georgia	[RR]**41	Oregon
15	Hawaii	42	Pennsylvania

16	Idaho
**17	Illinois
[RR]18	Indiana
**20	Kansas
[RR]21	Kentucky
22	Louisiana
**23	Maine
24	Maryland
25	Massachusetts
[RR]26	Michigan
[RR]27	Minnesota
[R]28	Mississippi
44	Rhode Island
45	South Carolina
*46	South Dakota
[RR]**47	Tennessee
[RR]**48	Texas
49	Utah
[RR]51	Virginia
53	Washington
[RR]54	West Virginia
[RR]55	Wisconsin

* indicates that the STATE code has been suppressed for all sampled CUs in that state.
** indicates that the STATE code has been suppressed for some sampled CUs in that state.
[R] indicates that either all observations from this state have been re-coded or all strata[1] 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[1] 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[1].
[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[1].

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

States not listed are not in the CE sample.

B. MEMBER CHARACTERISTICS AND INCOME FILE (MEMB)

The following MEMB 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.

Variable	Critical value +	Critical value -	Topcode value +	Topcode value -
AGE	81	-	86	-
AMTFED	1,075	-	2,741	-
ANFEDTXM, ANFEDTX1-5	22,500	-	43,557	-
ANGOVRTM, ANGOVRT1-5	8,700	-	13,516	-
ANPRVPNM, ANPRVPN1-5	17,000	-	24,458	-
ANRRDEDM, ANRRDED1-5	6,300	-	7,600	-
ANSLTXM, ANSLTX1-5	7,544	-	14,776	-
FARMINCM, FARMINC1-5	150,000	-9,999	234,560	-28,845
GOVRETX	570	-	1,028	-
GROSPAYX	6,000	-	13,952	-
INDRETX	18,000	-	48,103	-
JSSDEDXM, JSSDEDX1-5	7,755	-	8,620	-
NONFARMM, NONFARM1-5	150,000	-9,999	176,833	-15,197
PRIVPENX	1,000	-	3,651	-
RRRDEDX	550	-	775	-
SALARYXM, SALARYX1-5	150,000	-	233,720	-
SLFEMPSM, SLFEMPS1-5	12,240	-	9,893	-
SLTAXX	350	-	1,022	-

Special suppression for MEMB file variables

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

(1) ANFEDTXM = (SALARYXM (AMTFED/GROSPAYX)).

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

(2) SALARYXM = (ANFEDTXM (GROSPAYX/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 (MTAB)

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

UCC	Description
210110	Rent of dwelling
210210	Lodging away from home
210310	Housing for someone at school
210901	Ground rent, owned home
210902	Ground rent, owned vacation home
220211	Amount of annual property tax, owned home
220212	Amount of annual property tax, owned vacation home
550320	Medical equipment for general use
550330	Supportive or convalescent medical equipment
560110	Physicians' services
560210	Dental services
560310	Eye care services
560330	Lab tests and x-rays
560400	Services by professionals other than physicians
570110	Hospital room
570111	Hospital room and services
570210	Hospital service other than room
570220	Nursing or convalescent home care
570230	Other medical care service
570240	Medical care in retirement community
570901	Rental of medical equipment
570903	Rental of supportive, convalescent equipment
600132	Purchase of boat with motor
600138	Trade-in allowance for boats with motors
790600	Amount of annual property tax, other property
790710	Purchase other property excluding commons
790810	Sale price of other property
790910	Special or lump mortgage payment, other property
790920	Reduction of mortgage principal, other property

UCC	Description
790930	Original mortgage amount, other property
790940	Reduction of mortgage principal, home equity loan, other property
790950	Original loan amount, home equity loan, other property
800721	Market value of owned home
810101	Purchase excluding commons, owned home
810102	Purchase price excluding commons, owned vacation home
820101	Selling price, owned home
820102	Selling price, owned vacation home
830101	Special or lump mortgage payment, owned home
830102	Special or lump mortgage payment, owned vacation home
830201	Reduction mortgage principal, owned home
830202	Reduction mortgage principal, owned vacation home
830203	Reduction mortgage principal, home equity loan, owned home
830204	Reduction mortgage principal, home equity loan, owned vacation home
830301	Original mortgage amount, owned home
830302	Original mortgage amount, owned vacation home
830303	Original loan amount, home equity loan, owned home
830304	Original loan amount, home equity loan, owned vacation home
860600	Amount boat with motor sold or reimbursed
870701	Boat with motor, purchase not financed
880120	Reduction of principal, line of credit, owned home
880220	Reduction of principal, line of credit, other property
880320	Reduction of principal, line of credit, owned vacation home
900002	Occupational expenses
910050	Rental equivalence of owned home
910100	Rental equivalence of vacation home

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

UCC	Critical value +	Critical value -	Topcode value +	Topcode value -	Mapped from	Condition
210110	1,525	-	2,022	-	QRT3MCMX	NA
210210	1,549	-	2,559	-	LDGCOSTX	NA
210210	695	-	972	-	TOTYUPDX	TOTYUPDY = '130'
210210	906	-	1,306	-	TRNONCUX	TRNONCUY = '130'
210310	3,960	-	5,509	-	JEDUCNET	EDUC_AY = '310'
210901	1,939	-	2,486	-	QLR3MCMX	OWNYI = '100' OR OWNYI = '200'
210902	1,400	-	3,400	-	QLR3MCMX	OWNYI = '300'
220211	652	-	1,000	-	QADPTAX	OWNYB = '100' OR OWNYB = '200'
220212	583	-	1,204	-	QADPTAX	OWNYB = '300'
550320	400	-	1,529	-	MEDPMTX	MEDPCARY = '660'
550320	-	-280	-	-390	MEDRMBX	MEDRCARY = '660'
550330	560	-	1,372	-	MEDPMTX	MEDPCARY = '640'
550330	-	-130	-	-207	MEDRMBX	MEDRCARY = '640'
560110	375	-	947	-	MEDPMTX	MEDPCARY = '420'
560110	-	-900	-	-4,668	MEDRMBX	MEDRCARY = '420'
560210	1,500	-	2,974	-	MEDPMTX	MEDPCARY = '200'
560210	-	-1,300	-	-2,720	MEDRMBX	MEDRCARY = '200'
560310	405	-	1,311	-	MEDPMTX	MEDPCARY = '110'
560310	-	-2,100	-	-3,650	MEDRMBX	MEDRCARY = '110'
560330	700	-	1,756	-	MEDPMTX	MEDPCARY = '510'
560330	-	-972	-	-1,190	MEDRMBX	MEDRCARY = '510'

UCC	Critical value +	Critical value -	Topcode value +	Topcode value -	Mapped from	Condition
560400	564	-	1,432	-	MEDPMTX	MEDPCARY = ‘410’
560400	-	-700	-	-1,604	MEDRMBX	MEDRCARY = ‘410’
570110	1,388	-	5,167	-	MEDPMTX	MEDPCARY = ‘310’
570110	-	supp	-	supp	MEDRMBX	MEDRCARY = ‘310’
570111	2,500	-	8,513	-	MEDPMTX	MEDPCARY = ‘330’
570111	-	-5,700	-	-8,434	MEDRMBX	MEDRCARY = ‘330’
570210	1,607	-	4,122	-	MEDPMTX	MEDPCARY = ‘320’
570210	-	supp	-	supp	MEDRMBX	MEDRCARY = ‘320’
570220	7,285	-	7,985	-	MEDPMTX	MEDPCARY = ‘520’
570220	-	supp	-	supp	MEDRMBX	MEDRCARY = ‘520’
570230	1,000	-	2,717	-	MEDPMTX	MEDPCARY = ‘530’
570230	-	-1,508	-	-1,700	MEDRMBX	MEDRCARY = ‘530’
570240	supp	-	supp	-	JFEETOTX	REGFEECR = ‘29000’
570240	supp	-	supp	-	QSPCLX	SPFEECR = ‘29000’
570901	442	-	658	-	MEDPMTX	MEDPCARY = ‘650’
570901	-	-40	-	-705	MEDRMBX	MEDRCARY = ‘650’
570903	300	-	393	-	MEDPMTX	MEDPCARY = ‘630’
570903	-	-124	-	-632	MEDRMBX	MEDRCARY = ‘630’
790600	458	-	896	-	QADPTAX	OWNYB = ‘400’ OR OWNYB = ‘500’
790710	780,000	-	1,134,000	-	OWN_PURX	OWNYB = '400' OR OWNYB = '500'
790810	-	-220,000	-	-633,333	DISPX	OWNYD = ‘400’ OR OWNYD = ‘500’
790910	-	-5,000	-	-40,125	QLMPSUMX	OWNYI = '400' OR OWNYI = '500'
790920	-	-832	-	-960	QPRIN1X	OWNYF = ‘400’ or ‘500’ and LOANTYPE = ‘1’
790920	-	-845	-	-966	QPRIN2X	OWNYF = ‘400’ or ‘500’ and LOANTYPE = ‘1’
790920	-	-850	-	-1,099	QPRIN3X	OWNYF = ‘400’ or ‘500’ and LOANTYPE = ‘1’
790930	321,000	-	466,667	-	ORGMRTX	OWNYF=’400’ OR OWNYF=’500’
790940	-	-387	-	-905	QPRIN1G	OWNYG = ‘400’ or ‘500’ and LOANTYPE = ‘2’
790940	-	-390	-	-910	QPRIN2G	OWNYG = ‘400’ or ‘500’ and LOANTYPE = ‘2’
790940	-	-393	-	-915	QPRIN3G	OWNYG = ‘400’ or ‘500’ and LOANTYPE = ‘2’
790950	20,000	-	49,926	-	ORGMRTG	OWNYG=’400’ OR OWNYG=’500’
800721	64,167	-	116,963	-	PROPVALX	OWNYB = ‘100’ OR OWNYB = ‘200’
810101	769,000	-	1,142,636	-	OWN_PURX	OWNYB = ‘100’ OR OWNYB = ‘200’
810102	264,000	-	525,000	-	OWN_PURX	OWNYB = ‘300’
820101	-	-750,000	-	-1,112,500	DISPX	OWNYD = ‘100’ OR OWNYD = ‘200’
820102	-	-100,000	-	-232,000	DISPX	OWNYD =’300’
830101	-	-9,400	-	-46,084	QLMPSUMX	OWNYI = ‘100’ OR OWNYI = ‘200’
830102	-	-10,000	-	-16,799	QLMPSUMX	OWNYI = ‘300’
830201	-	-1,061	-	-1,616	QPRINM1X	OWNYF = ‘100’ or ‘200’ and LOANTYPE = ‘1’
830201	-	-1,072	-	-1,638	QPRINM2X	OWNYF = ‘100’ or ‘200’ and LOANTYPE = ‘1’
830201	-	-1,076	-	-1,648	QPRINM3X	OWNYF = ‘100’ or ‘200’ and LOANTYPE = ‘1’
830202	-	-880	-	-2,095	QPRINM1X	OWNYF = ‘300’ and LOANTYPE = ‘1’
830202	-	-885	-	-2,105	QPRINM2X	OWNYF = ‘300’ and LOANTYPE = ‘1’
830202	-	-891	-	-2,115	QPRINM3X	OWNYF = ‘300’ and LOANTYPE = ‘1’
830203	-	-1,029	-	-1,679	QPRINM1G	OWNYG = ‘100’ or ‘200’ and LOANTYPE = ‘2’
830203	-	-1,036	-	-1,678	QPRINM2G	OWNYG = ‘100’ or ‘200’ and LOANTYPE = ‘2’
830203	-	-1,075	-	-1,724	QPRINM3G	OWNYG = ‘100’ or ‘200’ and LOANTYPE = ‘2’
830204	-	-76	-	-191	QPRINM1G	OWNYG = ‘300’ and LOANTYPE = ‘2’
830204	-	-77	-	-193	QPRINM2G	OWNYG = ‘300’ and LOANTYPE = ‘2’
830204	-	-78	-	-194	QPRINM3G	OWNYG = ‘300’ and LOANTYPE = ‘2’
830301	455,000	-	644,942	-	ORGMRTX	OWNYF = ‘100’ OR OWNYF = ‘200’
830302	249,211	-	375,000		ORGMRTX	OWNYF = '300'
830303	187,442	-	242,789	-	ORGMRTX	OWNYF = '100' OR OWNYF = '200'
860600	-	-20,000	-	-32,267	SALEX	VEHICYC = ‘160’
880120	693	-8,072	-	-16,093	JLCPRINX	OWNYH = '100' OR OWNYH = '200'

UCC	Critical value +	Critical value -	Topcode value +	Topcode value -	Mapped from	Condition
880220	-	-354	-	-5,207	JLCPRINX	OWNYH = '400' OR OWNYH = '500'
880320	-	-1,417	-	-3,846	JLCPRINX	OWNYH = '300'
900002	360	-	913	-	MISCEXPX	MISCCODE = ‘380’
910050	250	-	390	-	RNTEQVX	OWNYI = ‘100’
910100	500	-	909	-	RNTEQVX	OWNYI = ‘300’

D. INCOME FILE (ITAB)

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

UCC	Description
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
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

UCC	Description
950021	Amount of other taxes paid
950022	Amount of personal property taxes paid
950023	Amount of refund received from other sources
980000	Amount of CU income before taxes
980020	Age of reference person
980070	Amount of CU income after taxes

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

UCC	Critical value +	Critical value -	Topcode value +	Topcode value -
001000	14,167	-	136,119	-
001010	-	-8,333	-	-121,592
001210	6,667	-	103,667	-
001220 (WDBSASTX)	-	-5,833	-	-60,167
001220 (WDBSGDSX)	-	-1,667	-	-7,667
002010	5,000	-4,167	82,862	-43,758
002020	1,667	-1,667	22,103	-13,536
002030	1,333	-1,250	61,333	-6,833
003000	4,167	-3,333	31,588	-31,600
003100	-	-10,417	-	-73,333
900040	5,000	-	5,886	-
900050	3,333	-	8,117	-
900060	1,667	-1,200	2,403	-1,011
900070	4,592	-1,746	4,293	-2,438
900080	2,917	-	6,051	-
900131	1,500	-	1,929	-
900132	2,917	-	3,830	-
900140	2,917	-	5,284	-
910000	8,333	-	26,533	-
910010	1,667	-	5,375	-
910020	250	-	296	-
910030	375	-	865	-
910040	125	-	299	-
910041	500	-	1,125	-
920010	10,875	-	111,872	-
920020	2,333	-	40,851	-
920030	4,167	-	46,845	-
920040	66,667	-	908,486	-
950000 (FEDTAXX)[1]	2,500	-	7,854	-
950001	-	-594	-	-1,056
950010 (SLOCTAXX)[2]	500	-	2,463	-
950011	-	-167	-	-307
950021	632	-	897	-
950022	95	-	165	-
950023	-	-142	-	-333

[1] FEDTAXX (amount of Federal tax paid in addition to that withheld) and FAMTFEDX (Federal tax withheld from last pay annualized for all CU members) are both mapped to UCC 950000 as separate records. Records for UCC 950000 that represent FAMTFEDX

are topcoded through their components (AMTFED) at the MEMB level and thus, these records will not have an ITAB critical value. ITAB records for UCC 950000 that represent FEDTAXX are topcoded for all amounts greater than $2,500.

[2] SLOCTAXX (amount of state and local taxes paid in addition to that withheld) and FSLTAXX (state and local income tax deduction from last pay annualized for all CU members) are both mapped to UCC 950010 as separate records. Records for UCC 950010 that represent FSLTAXX are topcoded through their components (SLTAXX) at the MEMB level and thus, these records will not have an ITAB critical value. Create the ITAB VALUE field for these records by dividing FSLTAXX by 12. If FSLTAXX is topcoded, then set VALUE_ to 'T'.. ITAB records for UCC 950010 that represent SLOCTAXX are topcoded for all amounts greater than $500.

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

UCC	FMLY variable	Description
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.

Survey (CAPI) Section	File name	Variable	Description
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?
		QADPTAX	
3. D.	OPD	DISPX	What was the selling price (trade-in value)?
3. F.	MOR	ORGMRTX	What was the amount of the mortgage when you obtained it, excluding any interest?
		MRTPMTX	Mortgage payment, including escrow
		QBLNCM1X	Principal balance outstanding at beginning of month, 3 months ago
		QBLNCM2X	Principal balance outstanding at beginning of month, 2 months ago
		QBLNCM3X	Principal balance outstanding at beginning of month, 1 month ago
		QPRINM1X	Amount of principal paid during first month of reference period
		QPRINM2X	Amount of principal paid during second month of reference period
		QPRINM3X	Amount of principal paid during third month of reference period
3. G.	HEL	ORGMRTG	What was the amount of the lump sum home equity loan when you obtained it, excluding any interest?
		MRTPMTG	Loan payment
		QBLNCM1G	Principal balance outstanding at beginning of month, 3 months ago
		QBLNCM2G	Principal balance outstanding at beginning of month, 2 months ago
		QBLNCM3G	Principal balance outstanding at beginning of month, 1 month ago
		QPRINM1G	Amount of principal paid during first month of reference period

Survey (CAPI) Section	File name	Variable	Description
		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	*For confidentiality reasons, records with VEHICYB='190' (private plane) are not included on the public use files.*	
		NETPURX	Amount paid for boat with motor
		If NETPURX is topcoded, then the following variables are suppressed (blanked out) and their flags are given a 'T'.	
		TRADEX	How much was the trade in allowance received?
		EMPLEXPX	How much of the amount or price was paid by an employer?
		DNPAYMTX	What was the amount of the cash down payment?
		PRINCIPX	How much was borrowed, excluding any interest?
		PAYMENTX	What is the amount of each payment?
		QBALNM1X	Principal balance outstanding at the beginning of first month of reference period
		QVINTM1X	Amount of interest paid during first month of reference period
		QVPRIM1X	Amount of principal paid during first month of reference period
		QBALNM2X	Principal balance outstanding at the beginning of second month of reference period
		QVINTM2X	Amount of interest paid during second month of reference period
		QVPRIM2X	Amount of principal paid during second month of reference period
		QBALNM3X	Principal balance outstanding at the beginning of third month of reference period
		QVINTM3X	Amount of interest paid during third month of reference period
		QVPRIM3X	Amount of principal paid during third month of reference period
		QTRADEX	Amount paid for vehicle after trade- in allowance minus amount of cost paid by employer
		QADITR1X	Amount of interest paid during first month of reference period, adjusted for business
		QADITR2X	Amount of interest paid during second month of reference period, adjusted for business
		QADITR3X	Amount of interest paid during third month of reference period, adjusted for business
		QDNPYMTX	Amount of down payment, adjusted for business
11. C.	OVC	*For confidentiality reasons, records with VEHICYC='190' (private plane) are not included on the public use files.*	
		SALEX	Amount boat with motor sold for
		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.	
12. A.	VEQ	*For confidentiality reasons, records with VOPVEHYA= '190' (Private plane) are not included on the public use microdata.*	
15. B.	MDB	MEDPMTX	Amount of payment for medical supplies or services
15. D.	MDC	MEDRMBX	Amount of reimbursement for medical supplies or services
16.	EDA	JEDUCNET	Net amount paid for educational expenses (housing)
18. B&C.	TRV	LDGCOSTX	Cost for hotels, motels, cottages, trailer camps, or other lodging including taxes and tips
18. D.	TRD	TOTYUPDX	Amount of (lodging) expense not covered by a business, employer, or other non-CU member (for trips funded by non-CU member)
18. E.	TRE	TRNONCUX	Amount of the (lodging) expense paid for non CU member
19. A	MIS	MISCEXPX	Amount spent on miscellaneous expenditures

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

Survey Section	File name	Variable	Critical value +	Critical value -	Topcode value +	Topcode value -	Condition
2. A&B.	RNT	QRT3MCMX	4,575	-	6,066	-	-
3. B.	OPB	PROPVALX	770,000	-	1,403,557	-	OWNYB = ‘100’ or OWNYB = ‘200’
		PROPVALX	1,000,000	-	1,882,692	-	OWNYB = ‘300’
		PROPVALX	650,000	-	1,778,827	-	OWNYB = ‘400’ or OWNYB = ‘500’
		OWN_PURX	750,000	-	1,071,458	-	OWNYB = ‘100’ or OWNYB = ‘200’
		OWN_PURX	384,000	-	671,000	-	OWNYB = ‘300’
		OWN_PURX	780,000	-	1,109,600	-	OWNYB = ‘400’ or OWNYB = ‘500’
		QADPTAX	7,822	-	12,003	-	OWNYB = ‘100’ or OWNYB = ‘200’
		QADPTAX	7,000	-	14,450	-	OWNYB = ‘300’
		QADPTAX	5,500	-	10,748	-	OWNYB = ‘400’ or OWNYB = ‘500’
3. D.	OPD	DISPX	750,000	-	1,112,500	-	OWNYD = ‘100’ or OWNYD = ‘200’
		DISPX	100,000	-	232,000	-	OWNYD = ‘300’
		DISPX	220,000	-	633,333	-	OWNYD = ‘400’ or OWNYD = ‘500’
3. F.	MOR	ORGMRTX	389,553	-	663,793	-	OWNYF = ‘100’ or OWNYF = ‘200’
		ORGMRTX	350,403	-	624,181	-	OWNYF = ‘300’
		ORGMRTX	325,967	-	488,824	-	OWNYF = ‘400’ or OWNYF = ‘500’
		MRTPMTX	3,130	-	5,054	-	-
		QBLNCM1X	363,434	-	538,744	-	(‘100’ ≤ OWNYF ≤ ‘500’)
		QBLNCM2X	365,527	-	544,927	-	(‘100’ ≤ OWNYF ≤ ‘500’)
		QBLNCM3X	367,949	-	545,416	-	(‘100’ ≤ OWNYF ≤ ‘500’)
		QPRINM1X	1,061	-	1,616	-	OWNYF = ‘100’ or OWNYF = ‘200’
		QPRINM1X	880	-	2,095	-	OWNYF = ‘300’
		QPRINM1X	832	-	960	-	OWNYF = ‘400’ or OWNYF = ‘500’
		QPRINM2X	1,072	-	1,638	-	OWNYF = ‘100’ or OWNYF = ‘200’
		QPRINM2X	885	-	2,105	-	OWNYF = ‘300’
		QPRINM2X	845	-	966	-	OWNYF = ‘400’ or OWNYF = ‘500’
		QPRINM3X	1,076	-	1,648	-	OWNYF = ‘100’ or OWNYF = ‘200’
		QPRINM3X	891	-	2,115	-	OWNYF = ‘300’
		QPRINM3X	850	-	1,099	-	OWNYF = ‘400’ or OWNYF = ‘500’
3. G.	HEL	ORGMRTG	177,755	-	250,111	-	OWNYG = ‘100’ or OWNYG = ‘200’
		ORGMRTG	28,000	-	43,475-	-	OWNYG = ‘300’
		ORGMRTG	51,000	-	73,295	-	OWNYG = ‘400’ or OWNYG = ‘500’
		MRTPMTG	1,600	-	2,497	-	-
		QBLNCM1G	148,125	-	196,300	-	‘100’ ≤ OWNYG ≤ ‘500’
		QBLNCM2G	147,160	-	198,664	-	‘100’ ≤ OWNYG ≤ ‘500’
		QBLNCM3G	146,192	-	194,591	-	‘100’ ≤ OWNYG ≤ ‘500’
		QPRINM1G	1,029	-	1,679	-	OWNYG = ‘100’ or OWNYG = ‘200’
		QPRINM1G	76	-	191	-	OWNYG = ‘300’
		QPRINM1G	387	-	905	-	OWNYG = ‘400’ or OWNYG = ‘500’
		QPRINM2G	1,036	-	1,678	-	OWNYG = ‘100’ or OWNYG = ‘200’
		QPRINM2G	77	-	193	-	OWNYG = ‘300’
		QPRINM2G	390	-	910	-	OWNYG = ‘400’ or OWNYG = ‘500’
		QPRINM3G	1,075	-	1,724	-	OWNYG = ‘100’ or OWNYG = ‘200’
		QPRINM3G	78	-	194	-	OWNYG = ‘300’
		QPRINM3G	393	-	915	-	OWNYG = ‘400’ or OWNYG = ‘500’
3. H.	OPH	JLCPRINX	24,216	-2,078	48,280	-3,333	OWNYH = ‘100’ or OWNYH = ‘200’
		JLCPRINX	4,250	0	11,539	-482	OWNYH = ‘300’
		JLCPRINX	1,061	0	15,622	-250	OWNYH = ‘400’ or OWNYH = ‘500’
3. I.	OPI	JFEETOTX	4,320	-	6,411	-	('100' ≤ OWNYI ≤ '30') AND REGFEECR = '01000'
		JFEETOTX	supp	-	supp	-	REGFEECR = ‘29000’
		QLR3MCMX	1,939	-	2,486	-	OWNYI = ‘100’ or OWNYI = ‘200’
		QLR3MCMX	1,400	-	3,400	-	OWNYI = ‘300’
		QLMPSUMX	9,400	-	46,084	-	OWNYI = ‘100’ or OWNYI = ‘200’

Survey Section	File name	Variable	Critical value +	Critical value -	Topcode value +	Topcode value -	Condition
		QLMPSUMX	10,000	-	16,799	-	OWNYI = ‘300’
		QLMPSUMX	5,000	-	40,125	-	OWNYI = ‘400’ or OWNYI = ‘500’
		RNTEQVX	3,000	-	4,680	-	OWNYI = ‘100’
		RNTEQVX	6,000	-	10,913	-	OWNYI = ‘300’
		RNTEQVX	3,000	-	6,117	-	OWNYI = ‘200’ or ‘400’ or ‘500’
		QSPCLX	-	-	-	-	SPFEECR=’01000’
		QSPCLX	supp	-	supp	-	SPFEECR=’29000’
11. B.	OVB	NETPURX	42,000	-	86,333	-	VEHICYB = ‘160’
11. C.	OVC	SALEX	20,000	-	32,267	-	VEHICYC = ‘160’
15. B.	MDB	MEDPMTX	405	-	1,311	-	MEDPCARY = ‘110’
		MEDPMTX	1,500	-	2,974	-	MEDPCARY = ‘200’
		MEDPMTX	1,388	-	5,167	-	MEDPCARY = ‘310’
		MEDPMTX	1,607	-	4,122	-	MEDPCARY = ‘320’
		MEDPMTX	2,500	-	8,513	-	MEDPCARY = ‘330’
		MEDPMTX	564	-	1,432	-	MEDPCARY = ‘410’
		MEDPMTX	375	-	948	-	MEDPCARY = ‘420’
		MEDPMTX	700	-	1,756	-	MEDPCARY = ‘510’
		MEDPMTX	7,285	-	7,984	-	MEDPCARY = ‘520’
		MEDPMTX	1,000	-	2,717	-	MEDPCARY = ‘530’
		MEDPMTX	300	-	393	-	MEDPCARY = ‘630’
		MEDPMTX	560	-	1,567	-	MEDPCARY = ‘640’
		MEDPMTX	442	-	658	-	MEDPCARY = ‘650’
		MEDPMTX	400	-	1,529	-	MEDPCARY = ‘660’
15. D.	MDC	MEDRMBX	2,100	-	3,650	-	MEDRCARY = ‘110’
		MEDRMBX	1,300	-	2,720	-	MEDRCARY = ‘200’
		MEDRMBX	supp	-	supp	-	MEDRCARY = ‘310’
		MEDRMBX	supp	-	supp	-	MEDRCARY = ‘320’
		MEDRMBX	5,700	-	8,434	-	MEDRCARY = ‘330’
		MEDRMBX	700	-	1,604	-	MEDRCARY = ‘410’
		MEDRMBX	900	-	4,668	-	MEDRCARY = ‘420’
		MEDRMBX	972	-	1,190	-	MEDRCARY = ‘510’
		MEDRMBX	supp	-	supp	-	MEDRCARY = ‘520’
		MEDRMBX	1,508	-	1,700	-	MEDRCARY = ‘530’
		MEDRMBX	124	-	632	-	MEDRCARY = ‘630’
		MEDRMBX	130	-	207	-	MEDRCARY = ‘640’
		MEDRMBX	40	-	705	-	MEDRCARY = ‘650’
		MEDRMBX	280	-	390	-	MEDRCARY = ‘660’
16.	EDA	JEDUCNET	3,960	-	5,357	-	EDUC_AY = ‘310’
18. B&C.	TRV	LDGCOSTX	1,549	-	2,559	-	
18. D.	TRD	TOTYUPDX	695	-	972	-	TOTYUPDY = ‘130’
18. E.	TRE	TRNONCUX	906	-	1,306	-	TRNONCUY = ‘130’
19. A	MIS	MISCEXPX	360	-	902	-	MISCCODE = ‘380’

V. ESTIMATION PROCEDURE

A. DESCRIPTION OF PROCEDURES

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

1. ***GENERAL CONCEPTS***

a. *SAMPLE VERSUS POPULATION ESTIMATES*

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

b. *CALENDAR PERIOD VERSUS COLLECTION PERIOD*

Because the rotating panel design of the Interview survey has an effect on the structure of the data files, one must be aware of the distinction between calendar period and collection period in producing estimates. (See Section X.A. SURVEY SAMPLE DESIGN for a description of the panel rotation scheme.)

Respondents are asked to report expenditures made since the first of the month three months prior to the interview month. For example, if a CU is interviewed in February of 2005, they are reporting expenditures for November and December of 2004, and January of 2005. This is illustrated in the rotation chart below. The period between November 1 and January 31 is referred to as the reference period for the interview.

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

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

The microdata files are organized and identified by collection period, i.e., the month of the interview. Thus, the MTAB file for the second quarter of 2005 contains expenditure data collected in interviews that took place in April, May, and June of 2005. Referring to the rotation chart, one can see that this MTAB file contains expenditures made between January 2005 and May 2005. Similarly, the

MTAB file for the third quarter of 2005 (interviews conducted between July and September) contains expenditures made between April and August 2005. To obtain all expenditures made in January 2005, one should access the MTAB files for both the first and second quarters of 2005. The MTAB file for the first quarter of 2005 would contain January expenditures made by CUs interviewed in February and March 2005, while the MTAB file for the second quarter of 2005 would contain January expenditures made by CUs interviewed in April 2005.

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 2005 based on collection period, that is, from all interviews conducted in 2005, data users need data only from Q051 through Q054 files. However, to produce a 2005 annual estimate based on expenditures made in 2005 (calendar period), one needs to access five collection-quarter files, the first quarter of 2005 through the first quarter of 2006. (The estimates published by BLS are based on calendar periods that require the subsequent year's first quarter data).

The ITAB files are derived in a slightly different manner than MTAB. As was mentioned in the description of the ITAB file, the data on the file represents the conversion of annual and point-of-interview data into a monthly format compatible with MTAB. Looking at a CU interviewed in January 2005, as an example, nonfarm business income earned over the previous 12 months would be collected and recorded as such on the FMLY file. For the ITAB file, this annual amount would be divided by 12, and separate records would be created for October, November, and December each containing that amount.

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

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

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

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

If QINTRVMO is 1 then MO_SCOPE is 0

if QINTRVMO is 2 then MO_SCOPE is 1
if QINTRVMO is 3 then MO_SCOPE is 2
if QINTRVMO is 4 then MO_SCOPE is 3
if QINTRVMO is 5 then MO_SCOPE is 2
if QINTRVMO is 6 then MO_SCOPE is 1

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

c. *TIME PERIOD DIFFERENCES*

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

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

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

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

d. *COMPARISONS WITH PUBLISHED CE DATA*

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

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

a. *AGGREGATE STATISTICS*

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

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

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

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

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

b. *MEANS*

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

(i) <u>SAMPLE MEANS</u>

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

The Interview survey is designed such that the CUs interviewed in each quarter represent one independent sample. Since there is one FMLY record for each sample CU, the national sample for the first quarter of 2005 is 5,081 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 2005. 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 2005). 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 2005 estimate would be based on data from interviews over five quarters. MO_SCOPE would take on the following values:

Interview Month and Year

	2005				**2005**				
	Jan	*Feb*	*Mar*	*Apr*	*May*	*Jun*	*Jul*	*Aug*	*Sep*
MO_SCOPE	0	1	2	3	3	3	3	3	3
			2005	**2006**		**2006**			
	Oct	*Nov*	*Dec*	*Jan*	*Feb*	*Mar*			
MO_SCOPE	3	3	3	3	2	1			

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

(ii) MEANS OF THOSE REPORTING

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

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

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

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

B. DESCRIPTION OF FORMULAS

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

Definition of Terms:

Let

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

Then

$E_{j,x,i}$ = 3-month expenditure by CU_j on item x reported at month i interview

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

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

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

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

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

or

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

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

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

or

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

2. ***SAMPLE MEAN EXPENDITURE ESTIMATES (UNWEIGHTED)***

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

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

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

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

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

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

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:

$_{WK}\overline{X}_{(S,x)(q,m)}$ = 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

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

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

$_{WC}\overline{X}_{(S,x)(q,r)}$ = 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

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

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.

VI. RELIABILITY STATEMENT

A. DESCRIPTION OF SAMPLING AND NONSAMPLING ERRORS

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

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

1) The chances that an estimate from a given sample would differ from a complete census figure by less than one standard error are approximately 68 out of 100.

2) The chances that the difference would be less than 1.6 times the standard error are approximately 90 out of 100.

3) The chances that the difference would be less than two times the standard error are approximately 95 out of 100.

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

B. ESTIMATING SAMPLING ERROR

1. ***VARIANCE ESTIMATION***

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

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

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

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

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

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

and,

$_{AK}\overline{X}_{(S,x)(q,m),a}$ = 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^{th} replicate

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

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 $_{WK}\overline{X}_{(S,x)(q,m)}$ can be given as:

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

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

The standard error of the mean, $S.E.(\overline{X})$, is used to obtain confidence intervals that evaluate how close the estimate may be to the true population mean. $S.E.(\overline{X})$ 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 2005 is $5,931.28. The standard error for this estimate is $42.21. 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 $5,848.52 to $6,014.04. We could conclude with 95 percent confidence that the true population mean expenditure for food for total complete income reporters in 2005 lies within the interval $5,848.52 to $6,014.04.

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 2005 mean expenditure estimate for apparel and services for CUs in the *$40,000 to $49,999* income range is $1,439.85 and the estimate for CUs in the *$50,000 to $59,999* income range is $1,978.37. The apparent difference between the two mean expenditures is $538.52. The standard error on the estimate of $1,439.85 is $62.71 and the estimated standard error for $1,978.37 is $82.28.

The standard error of a difference is approximately equal to

$$S.E.\left({}_{WC}\overline{X}_1, {}_{WC}\overline{X}_2\right) = \sqrt{\left(V\left({}_{WC}\overline{X}_1\right) + V\left({}_{WC}\overline{X}_2\right)\right)} \qquad (1)$$

where

$$V(\overline{X}_i) = \left(S.E.(\overline{X}_i)\right)^2$$

This assumes the two sample means, ${}_{WC}\overline{X}_1$ and ${}_{WC}\overline{X}_2$, 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

$$\sqrt{\left((62.71)^2 + (82.28)^2\right)} = 103.45 \qquad (2)$$

This means that the 95 percent confidence interval around the difference is from $435.07 to $641.97. Since this interval does no include zero, we can conclude with 95 percent confidence that the mean apparel and services expenditures for CUs in the *$50,000 to $59,999* income range is different than the mean apparel and services expenditures for CUs in the *$40,000 to $49,999* income range.

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

$$S.E.\left({}_{W}\overline{X}_1, {}_{W}\overline{X}_2\right) = \sqrt{\left(V\left({}_{W}\overline{X}_1\right) + V\left({}_{W}\overline{X}_2\right) - 2r\left(V\left({}_{W}\overline{X}_1\right) * V\left({}_{W}\overline{X}_2\right)\right)\right)} \qquad (3)$$

where

$$V(\overline{X}_i) = \left(S.E.(\overline{X}_i)\right)^2$$

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

VII. MICRODATA VERIFICATION AND ESTIMATION METHODOLOGY

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

This program produces a table of selected expenditures by income class of the CU. The first section of the program extracts the relevant variables from the FMLY files, while the second section extracts the expenditure and income data from the MTAB, ITAB and ITAB_IMPUTED files. These three data sets are then used along with the ISTUB processing file to construct the sample table output. This output is the product of two SAS arrays. The values in one array are divided by the value in the other array to obtain weighted mean expenditures. The base, or denominator, for the division is a vector consisting of the weighted total population for the U.S. and selected income class categories. The numerator is a matrix of aggregate weighted costs for each line item in the table for the total U.S. population and each income class category.

It should be emphasized that this program has been written solely for the verification of the microdata and as an illustration of the CE estimation methodology. It should not be used for any other purpose.

Note: This program processes large amounts of data. If you are using a PC with limited capabilities it may be necessary to run this program in sections.

A. SAMPLE PROGRAM

```
/*  FOR SAS VERSION 8 OR HIGHER                                  */
/*                                                    */
/*****************************************************************************/


%LET YEAR = 2005;
%LET DRIVE = D;
```

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

```


/*****************************************************************************/
/* STEP1: READ IN THE STUB PARAMETER FILE AND CREATE FORMATS              */
/* ----------------------------------------------------------------------- */
/* 1 CONVERTS THE STUB PARAMETER FILE INTO A LABEL FILE FOR OUTPUT        */
/* 2 CONVERTS THE STUB PARAMETER FILE INTO AN EXPENDITURE AGGREGATION FILE */
/* 3 CREATES FORMATS FOR USE IN OTHER PROCEDURES                        */
/*****************************************************************************/


%LET YR1 = %SUBSTR(&YEAR,3,2);
%LET YR2 = %SUBSTR(%EVAL(&YEAR+1),3,2);

LIBNAME I&YR1 "&DRIVE.:\INTRVW&YR1";
NOTE: Libref I05 was successfully assigned as follows:
   Engine:        V8
   Physical Name: D:\INTRVW05


DATA STUBFILE (KEEP= COUNT TYPE LEVEL TITLE UCC SURVEY GROUP LINE);
  INFILE "&DRIVE.:\PROGRAMS\ISTUB&YEAR..TXT"
  PAD MISSOVER;
  INPUT @1 TYPE $1. @ 4 LEVEL $1. @7 TITLE $60. @70 UCC $6.
        @80 SURVEY $1. @86 GROUP $7.;
  IF (TYPE = '1');
  IF GROUP IN ('CUCHARS' 'FOOD' 'EXPEND' 'INCOME');
  IF SURVEY = 'T' THEN DELETE;

    RETAIN COUNT 9999;
    COUNT + 1;
    LINE = PUT(COUNT, $5.)||LEVEL ;
WARNING: Variable COUNT has already been defined as numeric.
    /* READS IN THE STUB PARAMETER FILE AND CREATES LINE NUMBERS FOR UCCS */
    /* A UNIQUE LINE NUMBER IS ASSIGNED TO EACH EXPENDITURE LINE ITEM     */
RUN;

NOTE: The infile "D:\PROGRAMS\ISTUB2005.TXT" is:
   File Name=D:\PROGRAMS\ISTUB2005.TXT,
   RECFM=V,LRECL=256

NOTE: 1257 records were read from the infile "D:\PROGRAMS\ISTUB2005.TXT".
   The minimum record length was 0.
   The maximum record length was 105.
NOTE: The data set WORK.STUBFILE has 716 observations and 8 variables.
NOTE: DATA statement used:
   real time           0.11 seconds
```

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.

```
     cpu time            0.00 seconds


449
450
451  DATA AGGFMT1 (KEEP= UCC LINE LINE1-LINE10);
452    SET STUBFILE;
453    LENGTH LINE1-LINE10 $6.;
454      ARRAY LINES(9) LINE1-LINE9;
455        IF (UCC > 'A') THEN
456          LINES(SUBSTR(LINE,6,1)) = LINE;
457        RETAIN LINE1-LINE9;
458        IF (UCC < 'A')  THEN
459          LINE10 = LINE;
460    IF (LINE10);
461    /* MAPS LINE NUMBERS TO UCCS */
462  RUN;

NOTE: Character values have been converted to numeric values at the places given by: (Line):(Column).
     456:15   460:7
NOTE: There were 716 observations read from the data set WORK.STUBFILE.
NOTE: The data set WORK.AGGFMT1 has 583 observations and 12 variables.
NOTE: DATA statement used:
     real time           0.17 seconds
     cpu time            0.01 seconds


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

NOTE: There were 583 observations read from the data set WORK.AGGFMT1.
NOTE: The data set WORK.AGGFMT1 has 583 observations and 12 variables.
NOTE: PROCEDURE SORT used:
     real time           0.01 seconds
     cpu time            0.01 seconds


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

NOTE: There were 583 observations read from the data set WORK.AGGFMT1.
NOTE: The data set WORK.AGGFMT2 has 5830 observations and 4 variables.
NOTE: PROCEDURE TRANSPOSE used:
     real time           0.09 seconds
     cpu time            0.03 seconds


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

NOTE: Character values have been converted to numeric values at the places given by: (Line):(Column).
     478:8
NOTE: There were 5830 observations read from the data set WORK.AGGFMT2.
NOTE: The data set WORK.AGGFMT has 2762 observations and 2 variables.
NOTE: DATA statement used:
     real time           0.07 seconds
```

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

```
     cpu time           0.03 seconds


PROC SQL NOPRINT;
  SELECT UCC, LINE, COUNT(*)
  INTO  :UCCS SEPARATED BY " ",
        :LINES SEPARATED BY " ",
        :CNT
  FROM AGGFMT;
NOTE: The query requires remerging summary statistics back with the original data.
  QUIT;
NOTE: PROCEDURE SQL used:
     real time          0.03 seconds
     cpu time           0.01 seconds


RUN;

%MACRO MAPPING;
  %DO  I = 1  %TO  &CNT;
    "%SCAN(&UCCS,&I,%STR( ))" = "%SCAN(&LINES,&I,%STR( ))"
  %END;
%MEND MAPPING;
```

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

```
DATA LBLFMT (RENAME=(LINE= START TITLE= LABEL));
  SET STUBFILE (KEEP= LINE TITLE);
  RETAIN FMTNAME 'LBLFMT' TYPE 'C';
  /* LABEL FILE. LINE NUMBERS ARE ASSIGNED A TEXT LABEL */
  /* DATASET CONSTRUCTED TO BE READ INTO A PROC FORMAT  */
RUN;

NOTE: There were 716 observations read from the data set WORK.STUBFILE.
NOTE: The data set WORK.LBLFMT has 716 observations and 4 variables.
NOTE: DATA statement used:
     real time          0.07 seconds
     cpu time           0.01 seconds
```

Formats:

Puts the aggregation scheme into a SAS format.

```
PROC FORMAT;

  VALUE $AGGFMT (MULTILABEL)
    %MAPPING
    OTHER= 'OTHER';
NOTE: Format $AGGFMT is already on the library.
NOTE: Format $AGGFMT has been output.
    /* CREATE AGGREGATION 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.

```
  VALUE $INC (MULTILABEL)
    '01' = '01'
    '01' = '10'
    '02' = '02'
    '02' = '10'
    '03' = '03'
    '03' = '10'
    '04' = '04'
    '04' = '10'
    '05' = '05'
    '05' = '10'
    '06' = '06'
    '06' = '10'
    '07' = '07'
    '07' = '10'
    '08' = '08'
```

```
534     '08' = '10'
535     '09' = '09'
536     '09' = '10';
NOTE: Format $INC is already on the library.
NOTE: Format $INC has been output.
537     /* CREATE INCOME CLASS FORMAT */
538  RUN;

NOTE: PROCEDURE FORMAT used:
      real time           36.73 seconds
      cpu time            29.04 seconds


539
540
541  PROC FORMAT LIBRARY= WORK  CNTLIN= LBLFMT;
NOTE: Format $LBLFMT is already on the library.
NOTE: Format $LBLFMT has been output.
542    /* CREATE LABEL FILE FORMATS */
543  RUN;

NOTE: PROCEDURE FORMAT used:
      real time           0.26 seconds
      cpu time            0.03 seconds

NOTE: There were 716 observations read from the data set WORK.LBLFMT.

544
545
546    /***************************************************************************/

547    /* STEP2: READ IN ALL NEEDED DATA FROM THE CD-ROM                        */

548    /* ------------------------------------------------------------------- */

549    /* 1 READ IN THE INTERVIEW FMLY FILES & CREATE THE MO_SCOPE VARIABLE       */

550    /* 2 READ IN THE INTERVIEW MTAB AND ITAB FILES                         */

551    /* 3 MERGE FMLY AND EXPENDITURE FILES TO DERIVE WEIGHTED EXPENDITURES      */

552    /***************************************************************************/

553
554
555  DATA FMLY (KEEP = NEWID INCLASS WTREP01-WTREP44 FINLWT21 REPWT1-REPWT45);
556
557  SET I&YR1..FMLI&YR1.1X (IN = FIRSTQTR)
558     I&YR1..FMLI&YR1.2
559     I&YR1..FMLI&YR1.3
560     I&YR1..FMLI&YR1.4
561     I&YR1..FMLI&YR2.1  (IN = LASTQTR);
562     BY NEWID;
563     /* READ IN FMLY FILE DATA */
564
565     IF FIRSTQTR THEN
566       MO_SCOPE = (QINTRVMO - 1);
567     ELSE IF LASTQTR THEN
568       MO_SCOPE = (4 - QINTRVMO);
569     ELSE
570       MO_SCOPE = 3;
571     /* CREATE MONTH IN SCOPE VARIABLE (MO_SCOPE) */
572
573     ARRAY REPS_A(45) WTREP01-WTREP44 FINLWT21;
574     ARRAY REPS_B(45) REPWT1-REPWT45;
575
576       DO i = 1 TO 45;
577       IF REPS_A(i) > 0 THEN
578          REPS_B(i) = (REPS_A(i) * MO_SCOPE / 12);
579          ELSE REPS_B(i) = 0;
```

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

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

Lines 565-570 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 576-580 create weights that are mo_scope adjusted to account for sample rotation.

```
     END;
     /* ADJUST WEIGHTS BY MO_SCOPE TO ACCOUNT FOR SAMPLE ROTATION */
RUN;

NOTE: Character values have been converted to numeric values at the places given by: (Line):(Column).
      566:19   568:23
NOTE: There were 5081 observations read from the data set I05.FMLI051X.
NOTE: There were 7717 observations read from the data set I05.FMLI052.
NOTE: There were 7456 observations read from the data set I05.FMLI053.
NOTE: There were 7585 observations read from the data set I05.FMLI054.
NOTE: There were 7786 observations read from the data set I05.FMLI061.
NOTE: The data set WORK.FMLY has 35625 observations and 92 variables.
NOTE: DATA statement used:
      real time           8.84 seconds
      cpu time            2.10 seconds
```

Reads in all MTAB expenditure data and ITAB income data.

Newid is the consumer unit code. UCC is a code that represents the type of expenditure variable. Cost is the value that corresponds to the UCC code.

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.

UCC 710110 must be adjusted because only one-fourth of all consumer units interviewed in a quarter are asked this question (those in the 5th interview).

```
DATA EXPEND (KEEP=NEWID UCC COST);

  SET I&YR1..MTBI&YR1.1X
     I&YR1..MTBI&YR1.2
     I&YR1..MTBI&YR1.3
     I&YR1..MTBI&YR1.4
     I&YR1..MTBI&YR2.1

     I&YR1..ITBI&YR1.1X (RENAME=(VALUE=COST))
     I&YR1..ITBI&YR1.2  (RENAME=(VALUE=COST))
     I&YR1..ITBI&YR1.3  (RENAME=(VALUE=COST))
     I&YR1..ITBI&YR1.4  (RENAME=(VALUE=COST))
     I&YR1..ITBI&YR2.1  (RENAME=(VALUE=COST));
     BY NEWID;

   IF REFYR = "&YEAR" OR  REF_YR = "&YEAR";
   IF UCC = '710110'  THEN
     COST = (COST * 4);
   /* READ IN MTAB AND ITAB EXPENDITURE AND INCOME DATA */
   /* ADJUST UCC 710110 TO ANNUALIZE                    */
RUN;

NOTE: There were 441781 observations read from the data set I05.MTBI051X.
NOTE: There were 636111 observations read from the data set I05.MTBI052.
NOTE: There were 627554 observations read from the data set I05.MTBI053.
NOTE: There were 630305 observations read from the data set I05.MTBI054.
NOTE: There were 664358 observations read from the data set I05.MTBI061.
NOTE: There were 287991 observations read from the data set I05.ITBI051X.
NOTE: There were 438273 observations read from the data set I05.ITBI052.
NOTE: There were 425037 observations read from the data set I05.ITBI053.
NOTE: There were 427320 observations read from the data set I05.ITBI054.
NOTE: There were 438150 observations read from the data set I05.ITBI061.
NOTE: The data set WORK.EXPEND has 4282258 observations and 3 variables.
NOTE: DATA statement used:
      real time           12.70 seconds
      cpu time            4.79 seconds
```

Merges the FMLY and EXPEND data sets together and changes missing cost values to zero.

```
DATA PUBFILE (KEEP = NEWID INCLASS UCC RCOST1-RCOST45);
  MERGE FMLY   (IN = INFAM)
        EXPEND (IN = INEXP);
  BY NEWID;
  IF INEXP AND INFAM;

  IF COST = .  THEN
     COST = 0;

```

```
    ARRAY REPS_A(45) WTREP01-WTREP44 FINLWT21;
    ARRAY REPS_B(45) RCOST1-RCOST45;

    DO i = 1 TO 45;
     IF REPS_A(i)> 0
      THEN REPS_B(i) = (REPS_A(i) * COST);
      ELSE REPS_B(i) = 0;
    END;
    /* MERGE FMLY FILE WEIGHTS AND CHARACTERISTICS WITH MTAB/ITAB COSTS */

    /* MULTIPLY COSTS BY WEIGHTS TO DERIVE WEIGHTED COSTS              */

RUN;
```

Weights the cost values by the 44 replicate weights and full sample weight. RCOST1-RCOST45 represents the weighted costs for each expenditure.

```
NOTE: There were 35625 observations read from the data set WORK.FMLY.
NOTE: There were 4282258 observations read from the data set WORK.EXPEND.
NOTE: The data set WORK.PUBFILE has 4282258 observations and 48 variables.
NOTE: DATA statement used:
   real time          5:11.37
   cpu time           2:39.49




  /*************************************************************************/

  /* STEP3: CALCULATE POPULATIONS                                  */

  /* ------------------------------------------------------------------- */

  /* 1 SUM ALL 45 WEIGHT VARIABLES TO DERIVE REPLICATE POPULATIONS          */

  /* 2 FORMAT FOR CORRECT COLUMN CLASSIFICATIONS                         */

  /*************************************************************************/



PROC SUMMARY NWAY DATA=FMLY;
  CLASS INCLASS / MLF;
  VAR REPWT1-REPWT45;
  FORMAT INCLASS $INC.;
  OUTPUT OUT = POP (DROP = _TYPE_ _FREQ_) SUM = RPOP1-RPOP45;
  /* SUMS WEIGHTS TO CREATE POPULATIONS PER REPLICATE */
  /* FORMATS TO CORRECT COLUMN CLASSIFICATIONS        */
RUN;
```

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

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

```
NOTE: There were 35625 observations read from the data set WORK.FMLY.
NOTE: The data set WORK.POP has 10 observations and 46 variables.
NOTE: PROCEDURE SUMMARY used:
   real time          12.46 seconds
   cpu time           0.28 seconds





  /*************************************************************************/

  /* STEP4: CALCULATE WEIGHTED AGGREGATE EXPENDITURES                     */

  /* ------------------------------------------------------------------- */

  /* 1 SUM THE 45 REPLICATE WEIGHTED EXPENDITURES TO DERIVE AGGREGATES       */

  /* 2 FORMAT FOR CORRECT COLUMN CLASSIFICATIONS AND AGGREGATION SCHEME      */

  /*************************************************************************/

```

```
658
659 PROC SUMMARY NWAY DATA=PUBFILE SUMSIZE=MAX COMPLETETYPES;
660   CLASS UCC INCLASS / MLF;
661   VAR RCOST1-RCOST45;
662   FORMAT UCC $AGGFMT. INCLASS $INC.;
663    OUTPUT OUT=AGG (DROP= _TYPE_ _FREQ_  RENAME=(UCC=LINE))
664    SUM = RCOST1-RCOST45;
665   /* SUMS WEIGHTED COSTS PER REPLICATE TO GET AGGREGATES */
666   /* FORMATS INCOME TO CREATE COMPLETE REPORTING COLUMN  */
667   /* FORMATS EXPENDITURES TO CORRECT AGGREGATION SCHEME  */
668 RUN;

NOTE: There were 4282258 observations read from the data set WORK.PUBFILE.
NOTE: The data set WORK.AGG has 6930 observations and 47 variables.
NOTE: PROCEDURE SUMMARY used:
      real time           4:14.12
      cpu time            1:56.17
```

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.

```
669
670
671
672   /*****************************************************************************/

673   /* STEP5: CALCULTATE MEAN EXPENDITURES                                */

674   /* ------------------------------------------------------------------------- */

675   /* 1 READ IN POPULATIONS AND LOAD INTO MEMORY USING A 2 DIMENSIONAL ARRAY  */

676   /*   POPULATIONS ARE ASSOCIATED BY INCLASS(i), AND REPLICATE(j)           */

677   /* 2 READ IN AGGREGATE EXPENDITURES FROM AGG DATASET                      */

678   /*   CALCULATE MEANS BY DIVIDING AGGREGATES BY CORRECT SOURCE POPULATIONS  */

679   /* 4 CALCULATE STANDARD ERRORS USING REPLICATE FORMULA                    */

680   /*****************************************************************************/

681
682
683 DATA TAB1 (KEEP = LINE MEAN SE);
684
685   /* READS IN POP DATASET. _TEMPORARY_ LOADS POPULATIONS INTO SYSTEM MEMORY  */

686   ARRAY POP{01:10,45} _TEMPORARY_;
687   IF _N_ = 1 THEN DO i = 1 TO 10;
688     SET POP;
689     ARRAY REPS(45) RPOP1-RPOP45;
690       DO j = 1 TO 45;
691         POP{INCLASS,j} = REPS(j);
692       END;
693     END;
694
695   /* READS IN AGG DATASET AND CALCULATES MEANS BY DIVIDING BY POPULATIONS  */

696   SET AGG (KEEP = LINE INCLASS RCOST1-RCOST45);
697     ARRAY AGGS(45) RCOST1-RCOST45;
698     ARRAY AVGS(45) MEAN1-MEAN44 MEAN;
699       DO k = 1 TO 45;
700         IF AGGS(k) = . THEN AGGS(k) = 0;
701         AVGS(k) = AGGS(k) / POP{INCLASS,k};
702       END;
703
704   /* CALCULATES STANDARD ERRORS USING REPLICATE FORMULA  */
705   ARRAY RMNS(44) MEAN1-MEAN44;
706   ARRAY DIFF(44) DIFF1-DIFF44;
707     DO n = 1 TO 44;
708       DIFF(n) = (RMNS(n) - MEAN)**2;
```

This data step calculates means and standard errors:

Lines 686-693 reads in the column populations and stores them into temporary memory. Populations in memory are associated with INCLASS(i), and REPLICATE(j).

Line 696 reads in the aggregated expenditures.

Lines 699-702 calculates means by dividing the aggregate expenditures by the appropriate populations in memory as determined by INCLASS and REPLICATE.

Lines 707-710 calculates standard errors using the replicate weight formula.

```
   END;
  SE = SQRT((1/44)*SUM(OF DIFF(*)));
RUN;

NOTE: Character values have been converted to numeric values at the places given by: (Line):(Column).
      691:13   701:33
NOTE: There were 10 observations read from the data set WORK.POP.
NOTE: There were 6930 observations read from the data set WORK.AGG.
NOTE: The data set WORK.TAB1 has 6930 observations and 3 variables.
NOTE: DATA statement used:
      real time           2.50 seconds
      cpu time            1.04 seconds



  /*****************************************************************************/

  /* STEP6: TABULATE EXPENDITURES                                          */

  /* ---------------------------------------------------------------------- */

  /* 1 ARRANGE DATA INTO TABULAR FORM                                      */

  /* 2 SET OUT INTERVIEW POPULATIONS FOR POPULATION LINE ITEM              */

  /* 3 INSERT POPULATION LINE INTO TABLE                                   */

  /* 4 INSERT ZERO EXPENDITURE LINE ITEMS INTO TABLE FOR COMPLETENESS      */

  /*****************************************************************************/
```

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

```
PROC TRANSPOSE DATA=TAB1 OUT=TAB2
  NAME = ESTIMATE PREFIX = INCLASS;
  BY LINE;
  VAR MEAN SE;
  /*ARRANGE DATA INTO TABULAR FORM */
RUN;

NOTE: There were 6930 observations read from the data set WORK.TAB1.
NOTE: The data set WORK.TAB2 has 1386 observations and 12 variables.
NOTE: PROCEDURE TRANSPOSE used:
      real time           0.50 seconds
      cpu time            0.03 seconds
```

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

```
PROC TRANSPOSE DATA=POP (KEEP = RPOP45) OUT=CUS
  NAME = LINE PREFIX = INCLASS;
  VAR RPOP45;
  /* SET ASIDE POPULATIONS FROM INTERVIEW */
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           0.14 seconds
      cpu time            0.00 seconds
```

Population totals per income class are inserted into the output.

```
DATA TAB3;
  SET CUS TAB2;
  IF LINE = 'RPOP45' THEN DO;
    LINE = '100001';
```

```
    ESTIMATE = 'N';
    END;
  /* INSERT POPULATION LINE ITEM INTO TABLE AND ASSIGN LINE NUMBER */
RUN;

NOTE: There were 1 observations read from the data set WORK.CUS.
NOTE: There were 1386 observations read from the data set WORK.TAB2.
NOTE: The data set WORK.TAB3 has 1387 observations and 12 variables.
NOTE: DATA statement used:
      real time           0.20 seconds
      cpu time            0.01 seconds
```

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.

```
DATA TAB;
  MERGE TAB3 STUBFILE;
  BY LINE;
    IF LINE NE '100001' THEN DO;
      IF SURVEY = 'S' THEN DELETE;
    END;
    ARRAY CNTRL(10) INCLASS1-INCLASS10;
      DO i = 1 TO 10;
        IF CNTRL(i) = . THEN CNTRL(i) = 0;
        IF SUM(OF CNTRL(*)) = 0 THEN ESTIMATE = 'MEAN';
      END;

    IF GROUP IN ('CUCHARS' 'INCOME') THEN DO;
      IF LAG(LINE) = LINE THEN DELETE;
    END;
  /* MERGE STUBFILE BACK INTO TABLE TO INSERT EXPENDITURE LINES */
  /* THAT HAD ZERO EXPENDITURES FOR THE YEAR                    */
RUN;

NOTE: There were 1387 observations read from the data set WORK.TAB3.
NOTE: There were 716 observations read from the data set WORK.STUBFILE.
NOTE: The data set WORK.TAB has 1328 observations and 20 variables.
NOTE: DATA statement used:
      real time           0.43 seconds
      cpu time            0.04 seconds
```

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

```
PROC TABULATE DATA=TAB;
  CLASS LINE / GROUPINTERNAL ORDER=DATA;
  CLASS ESTIMATE;
  VAR INCLASS1-INCLASS10;
  FORMAT LINE $LBLFMT.;

    TABLE (LINE * ESTIMATE), (INCLASS10 INCLASS1 INCLASS2 INCLASS3 INCLASS4

                              INCLASS5  INCLASS6 INCLASS7 INCLASS8 INCLASS9)

    *SUM='' / RTS=25;
    LABEL ESTIMATE=ESTIMATE LINE=LINE
          INCLASS1='LESS THAN $5,000'   INCLASS2='$5,000 TO $9,999'
          INCLASS3='$10,000 TO $14,999' INCLASS4='$15,000 TO $19,999'
          INCLASS5='$20,000 TO $29,999' INCLASS6='$30,000 TO $39,999'
          INCLASS7='$40,000 TO $49,999' INCLASS8='$50,000 TO $69,999'
          INCLASS9='$70,000 AND OVER'   INCLASS10='ALL CONSUMER UNITS';
    OPTIONS NODATE NOCENTER NONUMBER LS=167 PS=MAX;
    WHERE LINE NE 'OTHER';
    TITLE "INTERVIEW EXPENDITURES FOR &YEAR BY INCOME BEFORE TAXES";
RUN;

NOTE: There were 1326 observations read from the data set WORK.TAB.
      WHERE LINE not = 'OTHER';
NOTE: PROCEDURE TABULATE used:
      real time           4.48 seconds
```

cpu time 0.12 seconds	

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 2005 and 2006 samples is composed of 105 areas. The design classifies the PSUs into four categories:

- 44 "A" certainty PSUs are Metropolitan Statistical Areas (MSA's) with a population greater than 1.5 million.
- 50 "X" PSUs, are medium-sized MSA's.
- 17 "Y" PSUs are nonmetropolitan areas that are included in the CPI.
- 16 "Z" PSUs are nonmetropolitan areas where only the urban population data will be included in the CPI.

The sampling frame (that is, the list from which housing units were chosen) for the 2005 survey is generated from the 2000 Census of Population 100-percent-detail file. The sampling frame is augmented by new construction permits and by techniques used to eliminate recognized deficiencies in census coverage. All Enumeration Districts (EDs) from the Census that fail to meet the criterion for good addresses for new construction, and all EDs in nonpermit-issuing areas are grouped into the area segment frame. Interviewers are then assigned to list these areas before a sample is drawn.

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

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

B. COOPERATION LEVELS

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

Year	Consumer units designated for the survey	Type B or C ineligible cases	*Eligible housing unit interviews*			Response Rate for Eligible Interviews
			Number of potential interviews	Type A nonresponse	Total respondent interviews	
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%
2005	49,242	9,254	39,988	10,184	29,804	74.5%

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, $^{N(D)051}$(UCC) identifies a new (deleted) UCC beginning in Q051.

A. EXPENDITURE UCCS ON MTAB FILE

	002120	Other non-health insurance
	006001	Total amount owed to creditors, 2nd interview
	006002	Total amount owed to creditors, 5th interview
*L	006003	Total amount owed to creditors, 2nd interview, asked first quarter, current year (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
[D052]250221 Coal - renter
[D052]250222 Coal - owned home
[D052]250223 Coal - owned vacation home
[D052]250224 Coal - rented vacation property
[D052]250901 Wood, kerosene, and other fuels - renter
[D052]250902 Wood, kerosene, and other fuels - owned home
[D052]250903 Wood, kerosene, and other fuels - owned vacation home
[D052]250904 Wood, kerosene, and other fuels - rented vacation property
[N052]250911 Other fuels – renter
[N052]250912 Other fuels – owned home
[N052]250913 Other fuels – owned vacation home
[N052]250914 Other fuels – rented vacation property
260111 Electricity – renter
260112 Electricity – owned home; portion of management fees for utilities in condos and coops (non-vacation)
260113 Same as 260112 – owned vacation home; vacation condos and coops
260114 Electricity – rented vacation property
260211 Natural or utility gas – renter
260212 Natural or utility gas – owned home; portion of management fees for utilities in condos and coops (non-vacation)
260213 Same as 260212 – owned vacation home; vacation condos and coops
260214 Natural or utility gas – rented vacation property
270101 Residential telephone or pay phones
270102 Cellular phone service
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
[D052] 310110 Black and white TV, and combinations of TV with other items
[D052] 310120 Color TV console and combinations of TV; large screen color TV projection equipment; color monitor and other items
[D052] 310130 Color TV (portable and table models)
[N052] 310140 Televisions
310210 VCR, video disc player, video camera, and camcorder
310220 Video cassettes, tapes, and discs
310230 TV computers games and computer game software
[N052] 310240 Streaming or downloaded video files
310311 Radio
310313 Tape recorder and player
[N052] 310314 Digital audio players
310320 Sound components, component systems, and compact disc sound systems
310333 Accessories and other sound equipment including phonographs
310334 Satellite dishes
[N052] 310340 Records, CDs, audio tapes
[D052] 310341 Compact discs, tapes, videos, or records purchased from a club
[D052] 310342 Compact discs, tapes, needles, or records not from a club
[N052] 310350 Streaming or downloaded audio files
320111 Carpet squares for owned and rented homes (Non-Permanent)
320120 Venetian blinds, window shades and other window coverings
320130 Infants' equipment
320150 Outdoor equipment
320162 Non-installed wall to wall carpeting (replacement) and carpet squares – homeowner
320163 Installed and non-installed replacement wall to wall carpeting for rental homes
320210 Clocks

320220 Lamps and other lighting fixtures
320231 Other household decorative items
320232 Telephones and accessories
320310 Plastic dinnerware
320320 China and other dinnerware
320330 Stainless, silver and other flatware
320340 Glassware
320350 Silver serving pieces
320360 Serving pieces other than silver
320370 Non-electric cookware
320410 Lawnmowing equipment and other yard machinery
320420 Power tools
320511 Electric floor cleaning equipment
320512 Sewing machines
320521 Small electrical kitchen appliances
320522 Portable heating and cooling equipment
320611 Cost of supplies purchased for insulation and other improvements/repairs; materials and supplies purchased not for any specific job – renter
320612 Cost of supplies purchased for insulation and other improvements/repairs for jobs considered replacement or maintenance/repair; materials and supplies purchased not for any specific job – owned home
320613 Cost of supplies purchased for insulation and other improvements/repairs for jobs considered replacement or maintenance/repair – owned vacation home
320621 Cost of supplies purchased for repair or replacement of hard surfaced flooring – renter
320622 Cost of supplies purchased for repair or replacement of hard surfaced flooring for jobs considered replacement or maintenance/repair – owned home
320623 Same as 320622 – owned vacation home
320631 Cost of supplies purchased for landscaping – renter
320632 Cost of supplies purchased for landscaping for jobs considered replacement or maintenance/repair – owned home
320633 Same as 320632 – owned vacation home
320901 Office furniture for home use
320902 Non-power tools
320903 Fresh flowers or potted plants
320904 Closet storage items
330511 Cost of materials purchased for termite and pest control for jobs considered replacement or maintenance/repair
340211 Babysitting or other child care in your own home
340212 Babysitting or other child care in someone else's home
340310 Housekeeping service, incl. management fees for maid service in condos
340410 Gardening and lawn care services, incl. management fees for lawn care in coops and condos
340420 Water softening service
340510 Moving, storage, and freight express
340520 Non-clothing household laundry or dry cleaning – not coin-operated
340530 Non-clothing household laundry or dry cleaning – coin-operated
340610 Repair of television, radio, and sound equipment, excluding installed in vehicles
340620 Repair of household appliances, excl. garbage disposal, range hood, and built-in dishwasher
340630 Furniture repair, refinishing, or reupholstering
340901 Rental or repair of equipment and other yard machinery, power and non-power tools
340902 Rental of televisions
340903 Miscellaneous home services and small repair jobs not already specified
340904 Rental of furniture
340905 Rental of VCR, radio, and sound equipment – see 310210, 310311-310330
340906 Care for invalids, convalescents, handicapped or elderly persons in the CU
340907 Rental and installation of household equipment – see 300111-300332

340908 Rental of office equipment for non-business use – see 320232, 690111, 690112, 690210-690230
340910 Adult day care centers
340911 Management fees for security, incl. guards and alarm systems in coops and condos (non-vacation)
340912 Management fees for security, incl. guards and alarm systems in coops and condos (vacation)
340914 Services for termite/pest control maintenance
340915 Service fee expenditures for home security systems
350110 Tenant's insurance
360110 Men's suits
360120 Men's sport coats
360210 Men's coats, jackets, and furs
360311 Men's underwear
360312 Men's hosiery
360320 Men's nightwear
360330 Men's accessories
360340 Men's sweaters and vests
360350 Men's active sportswear
360410 Men's shirts
360511 Men's pants
360512 Men's shorts and shorts sets, excl. athletic
360901 Men's uniforms
360902 Men's other clothing, incl. costumes
370110 Boys' coats, jackets, and furs
370120 Boys' sweaters
370130 Boys' shirts
370211 Boys' underwear
370212 Boys' nightwear
370213 Boys' hosiery
370220 Boys' accessories
370311 Boys' suits, sport coats, and vests
370312 Boys' pants
370313 Boys' shorts and shorts sets, excl. athletic
370902 Boys' other clothing, incl. costumes
370903 Boys' uniforms
370904 Boys' active sportswear
380110 Women's coats, jackets, and furs
380210 Women's dresses
380311 Women's sport coats and tailored jackets
380312 Women's vests, sweaters, and sweater sets
380313 Women's shirts, tops, and blouses
380320 Women's skirts and culottes
380331 Women's pants
380332 Women's shorts and shorts sets, excl. athletic
380340 Women's active sportswear
380410 Women's nightwear
380420 Women's undergarments
380430 Women's hosiery
380510 Women's suits
380901 Women's accessories
380902 Women's uniforms
380903 Women's other clothing, incl. costumes
390110 Girls' coats, jackets, and furs
390120 Girls' dresses and suits
390210 Girls' sport coats, tailored jackets, shirts, blouses, sweaters, sweater sets, and vests

390221	Girls' skirts, culottes, and pants
390222	Girls' shorts and shorts sets, excl. athletic
390230	Girls' active sportswear
390310	Girls' undergarments and nightwear
390321	Girls' hosiery
390322	Girls' accessories
390901	Girls' uniforms
390902	Girls' other clothing, incl. costumes
400110	Men's footwear
400210	Boys' footwear
400220	Girls' footwear
400310	Women's footwear
410110	Infants' coats, jackets, and snowsuits
410120	Infants' dresses and other outerwear
410130	Infants' undergarments, incl. diapers
410140	Infants' sleeping garments
410901	Infants' accessories, hosiery, and footwear
420110	Sewing materials for making clothes
420120	Sewing notions, patterns
430110	Watches
430120	Jewelry
430130	Travel items, including luggage, and luggage carriers
440110	Shoe repair and other shoe services
440120	Apparel laundry and dry cleaning – coin-operated
440130	Alteration, repair, and tailoring of apparel and accessories
440140	Clothing rental
440150	Watch and jewelry repair
440210	Apparel laundry and dry cleaning – not coin-operated
440900	Clothing storage
450110	New cars (net outlay)
450116	Trade-in allowance for new cars
450210	New trucks or vans (net outlay)
450216	Trade-in allowance for new trucks or vans
450220	New motorcycles, motor scooters, or mopeds (net outlay)
450226	Trade-in allowance for new motorcycles, motor scooters, or mopeds
450310	Basic lease charge (car lease)
450311	Charges other than basic lease, such as insurance or maintenance (car lease)
450312	Trade-in allowance (car lease)
450313	Cash down payment (car lease)
450314	Termination fee (car lease)
450410	Basic lease charge (truck/van lease)
450411	Charges other than basic lease, such as insurance or maintenance (truck/van lease)
450412	Trade-in allowance (truck/van lease)
450413	Cash down payment (truck/van lease)
450414	Termination fee (truck/van lease)
460110	Used cars (net outlay)
460116	Trade-in allowance for used cars
460901	Used trucks or vans (net outlay)
460902	Used motorcycles, motor scooters, or mopeds (net outlay)
460907	Trade-in allowance for used trucks or vans
460908	Trade-in allowance for used motorcycles, motor scooters, or mopeds
470111	Gasoline
470112	Diesel fuel
470113	Gasoline on out-of-town trips
470211	Motor oil
470212	Motor oil on out-of-town trips

470220 Coolant/antifreeze, brake & transmission fluids, additives, and radiator/cooling system protectant (not purchased with tune-up)

480110 Tires (new, used or recapped); replacement and mounting of tires, including tube replacement

[N052]480212 Vehicle products and services

480213 Vehicle parts, equipment, and accessories

480214 Vehicle audio equipment excluding labor

[N052]480215 Vehicle video equipment

490110 Body work, painting, repair and replacement of upholstery, vinyl/convertible top, and glass, installation of carpet

490211 Clutch and transmission repair

490212 Drive shaft and rear-end repair

490221 Brake work

490231 Steering or front end repair

490232 Cooling system repair

490311 Motor tune-up

490312 Lubrication and oil changes

490313 Front end alignment, wheel balance and rotation

490314 Shock absorber replacement

490318 Repair tires and miscellaneous repair work, such as battery charge, wash, wax, repair and replacement of windshield wiper, wiper motor, heater, air conditioner, radio and antenna

490319 Vehicle air conditioner repair

490411 Exhaust system repair

490412 Electrical system repair

490413 Motor repair and replacement

490501 Vehicle accessories including labor

[D052]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

[N052]520541 Tolls or electronic toll passes

520542 Tolls on out-of-town trips

520550 Towing charges (excl. contracted or pre-paid)

[N052]520560 Global positioning services

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)
[D052]*L 570110 Hospital room and meals (net outlay)
[N052]570111 Hospital room and services
[D052]*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)
[N052]580400 Long Term Care insurance
580901 Medicare payment
580903 Commercial Medicare supplement (not BC/BS)
580904 Commercial Medicare supplement (BC/BS)
580905 Other health insurance (not BC/BS)
580906 Other health insurance (BC/BS)
[D052]590111 Newspaper subscriptions
[D052]590112 Newspapers, non-subscriptions
[D052]590211 Magazine subscriptions
[D052]590212 Magazines, non-subscription
590220 Books through book clubs
590230 Books not through book clubs
[N052]590310 Magazine or newspaper subscription
[N052]590410 Magazine or newspaper, single copy
600110 Outboard motor
600121 Boat without motor or non camper-type trailer, such as for boat or cycle (net outlay)
600122 Trailer-type or other attachable-type camper (net outlay)

600127 Trade in allowance for boat without motor or non camper-type trailer, such as for boat or cycle
600128 Trade-in allowance for trailer-type or other attachable-type camper
600132 Boat with motor (net outlay)
600138 Trade-in allowance for boat with motor
600141 Purchase of motorized camper
600142 Purchase of other vehicle
600143 Trade in allowance, motorized camper
600144 Trade in allowance, other vehicle
600210 Ping-Pong, pool tables, other similar recreation room items, general sports equipment, and health and exercise equipment
600310 Bicycles
600410 Camping equipment
600420 Hunting and fishing equipment
600430 Winter sports equipment
600901 Water sports equipment
600902 Other sports equipment
610110 Toys, games, arts, crafts, tricycles, and battery powered riders
610120 Playground equipment
610130 Musical instruments, supplies, and accessories
610210 Photographic film
610230 Photographic equipment
610320 Pets, pet supplies and medicine for pets
610900 Miscellaneous recreational expenses on out-of-town trips
620111 Membership fees for country clubs, health clubs, swimming pools, tennis clubs, social or other recreational organizations, civic, service, or fraternal organizations
620112 Membership fees for credit card memberships
620113 Membership fees for automobile service clubs
620115 Membership fees for shopping clubs
620121 Fees for participant sports, such as golf, tennis, and bowling; management fees for recreational facilities, such as tennis courts and swimming pools in condos and coops
620122 Fees for participant sports on out-of-town trips
620211 Admission fees for entertainment activities, including movie, theater, concert, opera or other musical series (single admissions and season tickets)
620212 Entertainment expenses on out-of-town trips, including admissions to events, museums and tours
620221 Admission fees to sporting events (single admissions and season tickets)
620222 Admission fees to sporting events on out-of-town trips
620310 Fees for recreational lessons or other instructions
620320 Professional photography fees
620330 Film processing
620410 Pet services
620420 Veterinarian expenses for pets
620903 Miscellaneous entertainment services on out-of-town trips
620904 Rental and repair of musical instruments, supplies, and accessories
620905 Rental and repair of photographic equipment
620906 Rental of all boats and outboard motors
620908 Rental and repair of sports, recreation, and exercise equipment
620909 Rental of all campers on out-of-town trips
620912 Rental of video cassettes, tapes, and discs
620919 Rental of other vehicles on out-of-town trips
620921 Rental of motorized camper
620922 Rental of other RV’s
620926 Lotteries and pari-mutuel losses
[N052] 620930 Online entertainment and games
630110 Cigarettes

630210 Cigars, pipe tobacco, and other tobacco products
640130 Wigs, hairpieces, or toupees
640420 Electric personal care appliances
650310 Personal care services for males and females, including haircuts
650900 Rental and repair of personal care appliances
660110 School books, supplies, and equipment for college
660210 Same as 660110 – elementary and high school
660310 Encyclopedia and other sets of reference books
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
[N052]680904 Dating services
690111 Computers, computer systems, and related hardware for non-business use
690112 Computer software and accessories for non-business use
690113 Repair of computers, computer systems, and related equipment for non-business use
690114 Computer information services
[N052]690115 Personal digital assistants
[N052]690116 Internet services away from home
690210 Telephone answering devices
[D052]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
[N052]910042 Monthly transit subsidy amount
910050 Rental equivalence of owned home
910100 Rental equivalence of owned vacation home

990900 Rental and installation of dishwasher, disposal, and range hood
990920 Cost of supplies purchased for dwellings and additions being built, finishing basement or attic, remodeling rooms, or building outdoor patios, walks, fences, driveways or swimming pools - renter
990930 Cost of supplies purchased finishing basement or attic, remodeling rooms or building outdoor patios, walks, fences, driveways or swimming pools for jobs considered maintenance/repair - owner
990940 Same as 990930 - owned vacation home
990950 Contractors' labor and material costs, and cost of supplies rented for dwellings and additions being built - other properties

B. INCOME AND RELATED UCCS ON ITAB FILE

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

910041 Lump sum child support payments received
920010 Market value of savings accounts
920020 Market value of checking accounts, brokerage accounts and other similar accounts
920030 Market value of U.S. savings bonds
920040 Market value of stocks, bonds, mutual funds and other such securities
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. New and used aircraft purchases are not on the microdata files for confidentiality reasons. They are included in the published CE tables so transportation estimates based on these data may vary slightly from BLS published tables.

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

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

A. FMLY FILE

Variable	Start Position	Variable	Start Position	Variable	Start Position
NEWID	1	BUIL_ING	63	EARNCOMP	221
DIRACC	9	CKBKACTX	85	EARN_OMP	222
DIRACC_	10	CKBK_CTX	95	EDUC_REF	233
AGE_REF	11	COMPBND	143	EDUC0REF	235
AGE_REF_	13	COMPBND_	144	EDUCA2	236
AGE2	14	COMPBNDX	145	EDUCA2_	238
AGE2_	16	COMP_NDX	153	FAM_SIZE	242
AS_COMP1	26	COMPCKG	154	FAM__IZE	244
AS_C_MP1	28	COMPCKG_	155	FAM_TYPE	245
AS_COMP2	29	COMPCKGX	156	FAM__YPE	246
AS_C_MP2	31	COMP_KGX	164	FEDRFNDX	256
AS_COMP3	32	COMPOWD	174	FEDR_NDX	264
AS_C_MP3	34	COMPOWD_	175	FEDTAXX	265
AS_COMP4	35	COMPOWDX	176	FEDTAXX_	273
AS_C_MP4	37	COMP_WDX	184	FINDRETX	313
AS_COMP5	38	COMPSAV	185	FIND_ETX	321
AS_C_MP5	40	COMPSAV_	186	FINLWT21	331
BATHRMQ	41	COMPSAVX	187	GOVTCOST	421
BATHRMQ_	44	COMP_AVX	195	GOVT_OST	422
BEDROOMQ	45	COMPSEC	196	HLFBATHQ	423
BEDR_OMQ	48	COMPSEC_	197	HLFB_THQ	426
BLS_URBN	49	COMPSECX	198	INC_HRS1	427
BSINVSTX	50	COMP_ECX	206	INC__RS1	430
BSIN_STX	60	CUTENURE	216	INC_HRS2	431
BUILDING	61	CUTE_URE	217	INC__RS2	434

Variable	Start Position	Variable	Start Position	Variable	Start Position
INCNONW1	474	QINTRVMO	663	WTREP04	874
INCN_NW1	475	QINTRVYR	665	WTREP05	885
INCNONW2	476	RACE2	669	WTREP06	896
INCN_NW2	477	RACE2_	670	WTREP07	907
INCOMEY1	478	REF_RACE	671	WTREP08	918
INCO_EY1	479	REF__ACE	672	WTREP09	929
INCOMEY2	480	REGION	673	WTREP10	940
INCO_EY2	481	RENTEQVX	674	WTREP11	951
INCWEEK1	482	RENT_QVX	680	WTREP12	962
INCW_EK1	484	RESPSTAT	681	WTREP13	973
INCWEEK2	485	RESP_TAT	682	WTREP14	984
INCW_EK2	487	ROOMSQ	683	WTREP15	995
INSRFNDX	488	ROOMSQ_	686	WTREP16	1006
INSR_NDX	496	SALEINCX	687	WTREP17	1017
MISCTAXX	515	SALE_NCX	695	WTREP18	1028
MISC_AXX	523	SAVACCTX	696	WTREP19	1039
LOT_SIZE	524	SAVA_CTX	706	WTREP20	1050
LOT__IZE	526	SECESTX	707	WTREP21	1061
LUMPSUMX	527	SECESTX_	717	WTREP22	1072
LUMP_UMX	535	SELLSECX	718	WTREP23	1083
MARITAL1	536	SELL_ECX	728	WTREP24	1094
MARI_AL1	537	SETLINSX	729	WTREP25	1105
MONYOWDX	547	SETL_NSX	737	WTREP26	1116
MONY_WDX	555	SEX_REF	738	WTREP27	1127
NO_EARNR	556	SEX_REF_	739	WTREP28	1138
NO_E_RNR	558	SEX2	740	WTREP29	1149
NONINCMX	572	SEX2_	741	WTREP30	1160
NONI_CMX	580	SLOCTAXX	742	WTREP31	1171
NUM_AUTO	581	SLOC_AXX	750	WTREP32	1182
NUM__UTO	583	SLRFUNDX	751	WTREP33	1193
OCCUCOD1	593	SLRF_NDX	759	WTREP34	1204
OCCU_OD1	595	SMSASTAT	760	WTREP35	1215
OCCUCOD2	596	SSOVERPX	761	WTREP36	1226
OCCU_OD2	598	SSOV_RPX	769	WTREP37	1237
OTHRFNDX	606	ST_HOUS	770	WTREP38	1248
OTHR_NDX	614	ST_HOUS_	771	WTREP39	1259
PERSLT18	633	TAXPROPX	772	WTREP40	1270
PERS_T18	635	TAXP_OPX	780	WTREP41	1281
PERSOT64	636	USBNDX	800	WTREP42	1292
PERS_T64	638	USBNDX_	808	WTREP43	1303
POPSIZE	639	VEHQ	809	WTREP44	1314
PRINEARN	640	VEHQ_	811	TOTEXPPQ	1325
PRIN_ARN	642	WDBSASTX	812	TOTEXPCQ	1337
PTAXRFDX	643	WDBS_STX	822	FOODPQ	1349
PTAX_FDX	651	WDBSGDSX	823	FOODCQ	1361
PUBLHOUS	652	WDBS_DSX	831	FDHOMEPQ	1373
PUBL_OUS	653	WTREP01	841	FDHOMECQ	1385
PURSSECX	654	WTREP02	852	FDAWAYPQ	1397
PURS_ECX	662	WTREP03	863	FDAWAYCQ	1409

Variable	Start Position	Variable	Start Position	Variable	Start Position
FDXMAPPQ	1421	BBYDAYCQ	2009	MAINRPPQ	2597
FDXMAPCQ	1433	OTHHEXPQ	2021	MAINRPCQ	2609
FDMAPPQ	1445	OTHHEXCQ	2033	VEHINSPQ	2621
FDMAPCQ	1457	HOUSEQPQ	2045	VEHINSCQ	2633
ALCBEVPQ	1469	HOUSEQCQ	2057	VRNTLOPQ	2645
ALCBEVCQ	1481	TEXTILPQ	2069	VRNTLOCQ	2657
HOUSPQ	1493	TEXTILCQ	2081	PUBTRAPQ	2669
HOUSCQ	1505	FURNTRPQ	2093	PUBTRACQ	2681
SHELTPQ	1517	FURNTRCQ	2105	TRNTRPPQ	2693
SHELTCQ	1529	FLRCVRPQ	2117	TRNTRPCQ	2705
OWNDWEPQ	1541	FLRCVRCQ	2129	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
RENDWEPQ	1637	APPARCQ	2225	PREDRGPQ	2813
RENDWECQ	1649	MENBOYPQ	2237	PREDRGCQ	2825
RNTXRPPQ	1661	MENBOYCQ	2249	MEDSUPPQ	2837
RNTXRPCQ	1673	MENSIXPQ	2261	MEDSUPCQ	2849
RNTAPYPQ	1685	MENSIXCQ	2273	ENTERTPQ	2861
RNTAPCQ	1697	BOYFIFPQ	2285	ENTERTCQ	2873
OTHLODPQ	1709	BOYFIFCQ	2297	FEEADMPQ	2885
OTHLODCQ	1721	WOMGRLPQ	2309	FEEADMCQ	2897
UTILPQ	1733	WOMGRLCQ	2321	TVRDIOPQ	2909
UTILCQ	1745	WOMSIXPQ	2333	TVRDIOCQ	2921
NTLGASPQ	1757	WOMSIXCQ	2345	OTHEQPPQ	2933
NTLGASCQ	1769	GRLFIFPQ	2357	OTHEQPCQ	2945
ELCTRCPQ	1781	GRLFIFCQ	2369	PETTOYPQ	2957
ELCTRCCQ	1793	CHLDRNPQ	2381	PETTOYCQ	2969
ALLFULPQ	1805	CHLDRNCQ	2393	OTHENTPQ	2981
ALLFULCQ	1817	FOOTWRPQ	2405	OTHENTCQ	2993
FULOILPQ	1829	FOOTWRCQ	2417	PERSCAPQ	3005
FULOILCQ	1841	OTHAPLPQ	2429	PERSCACQ	3017
OTHFLSPQ	1853	OTHAPLCQ	2441	READPQ	3029
OTHFLSCQ	1865	TRANSPQ	2453	READCQ	3041
TELEPHPQ	1877	TRANSCQ	2465	EDUCAPQ	3053
TELEPHCQ	1889	CARTKNPQ	2477	EDUCACQ	3065
WATRPSPQ	1901	CARTKNCQ	2489	TOBACCPQ	3077
WATRPSCQ	1913	CARTKUPQ	2501	TOBACCCQ	3089
HOUSOPPQ	1925	CARTKUCQ	2513	MISCPQ	3101
HOUSOPCQ	1937	OTHVEHPQ	2525	MISCCQ	3113
DOMSRVPQ	1949	OTHVEHCQ	2537	MISC1PQ	3125
DOMSRVCQ	1961	GASMOPQ	2549	MISC1CQ	3137
DMSXCCPQ	1973	GASMOCQ	2561	MISC2PQ	3149
DMSXCCCQ	1985	VEHFINPQ	2573	MISC2CQ	3161
BBYDAYPQ	1997	VEHFINCQ	2585	CASHCOPQ	3173

Variable	Start Position	Variable	Start Position	Variable	Start Position
CASHCOCQ	3185	TYPEREC6	3450	TOTHENTC	3852
PERINSPQ	3197	TYPE_EC6	3451	OWNVACP	3862
PERINSCQ	3209	TYPEREC7	3452	OWNVACC	3872
LIFINSPQ	3221	TYPE_EC7	3453	VOTHRLOP	3882
LIFINSCQ	3233	TYPEREC8	3454	VOTHRLOC	3892
RETPENPQ	3245	TYPE_EC8	3455	VMISCHEP	3902
RETPENCQ	3257	VEHQL	3456	VMISCHEC	3912
HH_CU_Q	3269	VEHQL_	3458	UTILOWNP	3922
HH_CU_Q_	3271	NUM_TVAN	3459	UTILOWNC	3932
HHID	3272	NUM__VAN	3461	VFUELOIP	3942
HHID_	3275	TTOTALP	3462	VFUELOIC	3952
HEATFUEL	3292	TTOTALC	3472	VOTHRFLP	3962
HEAT_UEL	3294	TFOODTOP	3482	VOTHRFLC	3972
SWIMPOOL	3298	TFOODTOC	3492	VELECTRP	3982
SWIM_OOL	3300	TFOODAWP	3502	VELECTRC	3992
WATERHT	3307	TFOODAWC	3512	VNATLGAP	4002
WATERHT_	3309	TFOODHOP	3522	VNATLGAC	4012
APTMENT	3310	TFOODHOC	3532	VWATERPP	4022
APTMENT_	3312	TALCBEVP	3542	VWATERPC	4032
OFSTPARK	3313	TALCBEVC	3552	MRTPRNOP	4042
OFST_ARK	3315	TOTHRLOP	3562	MRTPRNOC	4052
WINDOWAC	3316	TOTHRLOC	3572	UTILRNTP	4062
WIND_WAC	3318	TTRANPRP	3582	UTILRNTC	4072
CNTRALAC	3319	TTRANPRC	3592	RFUELOIP	4082
CNTR_LAC	3321	TGASMOTP	3602	RFUELOIC	4092
CHILDAGE	3322	TGASMOTC	3612	ROTHRFLP	4102
CHIL_AGE	3323	TVRENTLP	3622	ROTHRFLC	4112
INCLASS	3324	TVRENTLC	3632	RELECTRP	4122
STATE	3326	TCARTRKP	3642	RELECTRC	4132
CHDLMPX	3347	TCARTRKC	3652	RNATLGAP	4142
CHDLMPX_	3355	TOTHVHRP	3662	RNATLGAC	4152
TOTEX4PQ	3387	TOTHVHRC	3672	RWATERPP	4162
TOTEX4CQ	3399	TOTHTREP	3682	RWATERPC	4172
MISCX4PQ	3411	TOTHTREC	3692	POVLEVCY	4182
MISCX4CQ	3423	TTRNTRIP	3702	POVL_VCY	4190
CUINCOME	3435	TTRNTRIC	3712	POVLEVPY	4191
CUIN_OME	3437	TFAREP	3722	POVL_VPY	4199
RECORDS	3438	TFAREC	3732	COOKING	4200
RECORDS_	3439	TAIRFARP	3742	COOKING_	4202
TYPEREC1	3440	TAIRFARC	3752	PORCH	4203
TYPE_EC1	3441	TOTHFARP	3762	PORCH_	4205
TYPEREC2	3442	TOTHFARC	3772	ETOTALP	4206
TYPE_EC2	3443	TLOCALTP	3782	ETOTALC	4216
TYPEREC3	3444	TLOCALTC	3792	ETOTAPX4	4226
TYPE_EC3	3445	TENTRMNP	3802	ETOTACX4	4236
TYPEREC4	3446	TENTRMNC	3812	EHOUSNGP	4246
TYPE_EC4	3447	TFEESADP	3822	EHOUSNGC	4256
TYPEREC5	3448	TFEESADC	3832	ESHELTRP	4266
TYPE_EC5	3449	TOTHENTP	3842	ESHELTRC	4276

Variable	Start Position	Variable	Start Position	Variable	Start Position
EOWNDWLP	4286	UNEMPLB_	4646	CUID	4776
EOWNDWLC	4296	UNEMPLBX	4647	INTERI	4783
EOTHLODP	4306	UNEM_LBX	4653	HORREF1	4784
EOTHLODC	4316	COMPENSB	4654	HORREF1_	4785
EMRTPNOP	4326	COMP_NSB	4656	HORREF2	4786
EMRTPNOC	4336	COMPNSBX	4657	HORREF2_	4787
EMRTPNVP	4346	COMP_SBX	4663	ALIOTHXM	4788
EMRTPNVC	4356	WELFAREB	4664	ALIO_HXM	4798
ETRANPTP	4366	WELF_REB	4666	ALIOTHX1	4799
ETRANPTC	4376	WELFREBX	4667	ALIOTHX2	4807
EVEHPURP	4386	WELF_EBX	4673	ALIOTHX3	4815
EVEHPURC	4396	FOODSMPB	4684	ALIOTHX4	4823
ECARTKNP	4406	FOOD_MPB	4686	ALIOTHX5	4831
ECARTKNC	4416	FOODSPBX	4687	ALIOTHXI	4839
ECARTKUP	4426	FOOD_PBX	4693	CHDOTHXM	4842
ECARTKUC	4436	INCLOSAB	4694	CHDO_HXM	4852
EOTHVEHP	4446	INCL_SAB	4696	CHDOTHX1	4853
EOTHVEHC	4456	INCLSABX	4697	CHDOTHX2	4861
EENTRMTP	4466	INCL_ABX	4703	CHDOTHX3	4869
EENTRMTC	4476	INCLOSBB	4704	CHDOTHX4	4877
EOTHENTP	4486	INCL_SBB	4706	CHDOTHX5	4885
EOTHENTC	4496	INCLSBBX	4707	CHDOTHXI	4893
ENOMOTRP	4506	INCL_BBX	4713	COMPENSM	4896
ENOMOTRC	4516	CHDLMPB	4714	COMP_NSM	4906
EMOTRVHP	4526	CHDLMPB_	4716	COMPENS1	4907
EMOTRVHC	4536	CHDLMPBX	4717	COMPENS2	4915
EENTMSCP	4546	CHDL_PBX	4723	COMPENS3	4923
EENTMSCC	4556	CHDOTHB	4724	COMPENS4	4931
EMISCELP	4566	CHDOTHB_	4726	COMPENS5	4939
EMISCELC	4576	CHDOTHBX	4727	COMPENSI	4947
EMISCMTP	4586	CHDO_HBX	4733	ERANKHM	4950
EMISCMTC	4596	ALIOTHB	4734	ERANKHM_	4959
UNISTRQ	4606	ALIOTHB_	4736	ERNKMTHM	4960
UNISTRQ_	4608	ALIOTHBX	4737	ERNK_THM	4973
YRBUILT	4609	ALIO_HBX	4743	FAMTFEDM	4974
YRBUILT_	4613	LUMPSUMB	4744	FAMT_EDM	4983
INTEARNB	4614	LUMP_UMB	4746	FAMTFED1	4984
INTE_RNB	4616	LMPSUMBX	4747	FAMTFED2	4992
INTERNBX	4617	LMPS_MBX	4753	FAMTFED3	5000
INTE_NBX	4623	SALEINCB	4754	FAMTFED4	5008
FININCB	4624	SALE_NCB	4756	FAMTFED5	5016
FININCB_	4626	SALINCBX	4757	FFRMINCM	5024
FININCBX	4627	SALI_CBX	4763	FFRM_NCM	5035
FINI_CBX	4633	OTHRINCB	4764	FFRMINC1	5036
PENSIONB	4634	OTHR_NCB	4766	FFRMINC2	5044
PENS_ONB	4636	OTRINCBX	4767	FFRMINC3	5052
PNSIONBX	4637	OTRI_CBX	4773	FFRMINC4	5060
PNSI_NBX	4643	INCLASS2	4774	FFRMINC5	5068
UNEMPLB	4644	INCL_SS2	4775	FFRMINCI	5076

Variable	Start Position	Variable	Start Position	Variable	Start Position
FGOVRETM	5079	FPRI_ENM	5432	INCLOSBM	5770
FGOV_ETM	5087	FRRDEDM	5433	INCL_SBM	5781
FINCATXM	5088	FRRDEDM_	5441	INCLOSB1	5782
FINCA_XM	5099	FRRETIRM	5442	INCLOSB2	5791
FINCATX1	5100	FRRE_IRM	5452	INCLOSB3	5800
FINCATX2	5109	FRRETIR1	5453	INCLOSB4	5809
FINCATX3	5118	FRRETIR2	5461	INCLOSB5	5818
FINCATX4	5127	FRRETIR3	5469	INCLOSBI	5827
FINCATX5	5136	FRRETIR4	5477	INTEARNM	5830
FINCBTXM	5145	FRRETIR5	5485	INTE_RNM	5840
FINCB_XM	5156	FRRETIRI	5493	INTEARN1	5841
FINCBTX1	5157	FSALARYM	5496	INTEARN2	5849
FINCBTX2	5166	FSAL_RYM	5506	INTEARN3	5857
FINCBTX3	5175	FSALARY1	5507	INTEARN4	5865
FINCBTX4	5184	FSALARY2	5515	INTEARN5	5873
FINCBTX5	5193	FSALARY3	5523	INTEARNI	5881
FINCBTXI	5202	FSALARY4	5531	OTHRINCM	5884
FININCXM	5205	FSALARY5	5539	OTHR_NCM	5894
FINI_CXM	5215	FSALARYI	5547	OTHRINC1	5895
FININCX1	5216	FSLTAXXM	5550	OTHRINC2	5903
FININCX2	5224	FSLT_XXM	5560	OTHRINC3	5911
FININCX3	5232	FSLTAXX1	5561	OTHRINC4	5919
FININCX4	5240	FSLTAXX2	5569	OTHRINC5	5927
FININCX5	5248	FSLTAXX3	5577	OTHRINCI	5935
FININCXI	5256	FSLTAXX4	5585	PENSIONM	5938
FJSSDEDM	5259	FSLTAXX5	5593	PENS_ONM	5948
FJSS_EDM	5269	FSSIXM	5601	PENSION1	5949
FJSSDED1	5270	FSSIXM_	5611	PENSION2	5957
FJSSDED2	5278	FSSIX1	5612	PENSION3	5965
FJSSDED3	5286	FSSIX2	5620	PENSION4	5973
FJSSDED4	5294	FSSIX3	5628	PENSION5	5981
FJSSDED5	5302	FSSIX4	5636	PENSIONI	5989
FNONFRMM	5310	FSSIX5	5644	POV_CYM	5992
FNON_RMM	5321	FSSIXI	5652	POV_C_M	5993
FNONFRM1	5322	INC_RNKM	5655	POV_CY1	5994
FNONFRM2	5331	INC__NKM	5664	POV_CY2	5995
FNONFRM3	5340	INC_RNK1	5665	POV_CY3	5996
FNONFRM4	5349	INC_RNK2	5674	POV_CY4	5997
FNONFRM5	5358	INC_RNK3	5683	POV_CY5	5998
FNONFRMI	5367	INC_RNK4	5692	POV_PYM	5999
FOODSMPM	5370	INC_RNK5	5701	POV_P_M	6000
FOOD_MPM	5380	INCLOSAM	5710	POV_PY1	6001
FOODSMP1	5381	INCL_SAM	5721	POV_PY2	6002
FOODSMP2	5389	INCLOSA1	5722	POV_PY3	6003
FOODSMP3	5397	INCLOSA2	5731	POV_PY4	6004
FOODSMP4	5405	INCLOSA3	5740	POV_PY5	6005
FOODSMP5	5413	INCLOSA4	5749	PRINERNM	6006
FOODSMPI	5421	INCLOSA5	5758	PRIN_RNM	6008
FPRIPENM	5424	INCLOSAI	5767	PRINERN1	6009

Variable	Start Position	Variable	Start Position	Variable	Start Position
PRINERN2	6011	TOTTXPD5	6067	WELF_REM	6140
PRINERN3	6013	UNEMPLXM	6076	WELFARE1	6141
PRINERN4	6015	UNEM_LXM	6086	WELFARE2	6149
PRINERN5	6017	UNEMPLX1	6087	WELFARE3	6157
TOTTXPDM	6019	UNEMPLX2	6095	WELFARE4	6165
TOTT_PDM	6030	UNEMPLX3	6103	WELFARE5	6173
TOTTXPD1	6031	UNEMPLX4	6111	WELFAREI	6181
TOTTXPD2	6040	UNEMPLX5	6119		
TOTTXPD3	6049	UNEMPLXI	6127		
TOTTXPD4	6058	WELFAREM	6130		

B. MEMB FILE

Variable	Start Position	Variable	Start Position	Variable	Start Position
NEWID	1	OCCUCODE	166	MEMBRACE	315
AGE	9	OCCU_ODE	168	RC_WHITE	316
AGE_	11	PAYPERD	170	RC_W_ITE	317
AMTFED	12	PAYPERD_	171	RC_BLACK	318
AMTFED_	20	PRIVPENX	172	RC_B_ACK	319
ARM_FORC	66	PRIV_ENX	180	RC_NATAM	320
ARM__ORC	67	PWRKSTAT	181	RC_N_TAM	321
CU_CODE	68	PWRK_TAT	182	RC_ASIAN	322
EARNER	70	RRRDEDX	185	RC_A_IAN	323
EARNER_	71	RRRDEDX_	193	R_PACIL	324
EARNTYPE	72	SCHMLWKQ	214	R_P_CIL	325
EARN_YPE	73	SCHM_WKQ	216	RC_OTHER	326
EDUCA	74	SCHMLWKX	217	RC_O_HER	327
EDUCA_	76	SCHM_WKX	220	RC_DK	328
EMPLCONT	77	SEX	221	RC_DK_	329
EMPL_ONT	78	SLTAXX	230	ASIAN	330
FARMLOSS	90	SLTAXX_	238	ASIAN_	331
FARM_OSS	91	SS_RRQ	248	ANFEDTXM	332
GOVRETX	92	SS_RRQ_	250	ANFE_TXM	340
GOVRETX_	100	SSNORM	260	ANGOVRTM	341
GROSPAYX	101	SSNORM_	261	ANGO_RTM	349
GROS_AYX	111	SALARYB	262	ANPRVPNM	350
IN_COLL	112	SALARYB_	264	ANPR_PNM	358
IN_COLL_	113	SALARYBX	265	ANRRDEDM	359
INC_HRSQ	114	SALA_YBX	271	ANRR_EDM	367
INC__RSQ	117	NONFARMB	272	ANSLTXM	368
INCMEDCR	118	NONF_RMB	274	ANSLTXM_	376
INCM_DCR	119	NONFRMBX	275	FARMINCM	377
INCNONWK	120	NONF_MBX	281	FARM_NCM	385
INCN_NWK	121	FARMINCB	282	FARMINC1	386
INCOMEY	122	FARM_NCB	284	FARMINC2	394
INCOMEY_	123	FRMINCBX	285	FARMINC3	402
INCORP	124	FRMI_CBX	291	FARMINC4	410
INCORP_	125	RRRETIRB	292	FARMINC5	418
INCWEEKQ	126	RRRE_IRB	294	FARMINCI	426
INCW_EKQ	128	RRRETRBX	295	JSSDEDXM	429
INDRETX	129	RRRE_RBX	301	JSSD_DXM	437
INDRETX_	139	SSIB	302	JSSDEDX1	438
MARITAL	147	SSIB_	304	JSSDEDX2	446
MEDICOV	149	SSIBX	305	JSSDEDX3	454
MEDICOV_	150	SSIBX_	311	JSSDEDX4	462
MEMBNO	151	HORIGIN	312	JSSDEDX5	470
NFRMLOSS	153	HISPANIC	313	NONFARMM	478
NFRM_OSS	154	HISP_NIC	314	NONF_RMM	486

NONFARM1	487
NONFARM2	495
NONFARM3	503
NONFARM4	511
NONFARM5	519
NONFARMI	527
RRRETIRM	530
RRRE_IRM	538
RRRETIR1	539
RRRETIR2	547
RRRETIR3	555
RRRETIR4	563
RRRETIR5	571
RRRETIRI	579
SALARYXM	582
SALA_YXM	590
SALARYX1	591
SALARYX2	599
SALARYX3	607
SALARYX4	615
SALARYX5	623
SALARYXI	631
SLFEMPSM	634
SLFE_PSM	642
SLFEMPS1	643
SLFEMPS2	651
SLFEMPS3	659
SLFEMPS4	667
SLFEMPS5	675
SOCRRXM	683
SOCRRXM_	691
SOCRRX1	692
SOCRRX2	700
SOCRRX3	708
SOCRRX4	716
SOCRRX5	724
SSIXM	732
SSIXM_	740
SSIX1	741
SSIX2	749
SSIX3	757
SSIX4	765
SSIX5	773
SSIXI	781

C. ITAB_IMPUTE

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

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

A partial list of publications containing data from the CE program appears below. Reports may be purchased from the Chicago regional sales center, from the U.S. Government Printing Office, Washington D.C., 20402, or from National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22161. To place a telephone order with National Technical Information Service, call (703)-487-4650, or for a rush order, call 1(800)-553-NTIS. Single year Consumer Expenditure reports are available on the Consumer Expenditure Survey website: www.bls.gov/cex.

Consumer Expenditures in 2005, (expected in 2007)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditures in 2004, Report 992 (2006)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer Expenditures in 2003, Report 986 (2005)	Consumer unit income and expenditures, integrated data from Diary and Interview Surveys, classified by consumer unit characteristics. 10 tables.
Consumer 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.

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

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 1984-2005
Expenditure Shares Tables from 1998-2005
Aggregate Expenditure Shares Tables from 1998-2005

Two Year Tables

Cross-Tabulated Tables from 1986-2005
Metropolitan Statistical Area Tables from 1986-2005
Region Tables from 1998-2005
High Income Tables from 1998-2005
Multi-Year Tables for 1984-1992 and 1994-2005

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 FMLY file data is also available. In addition to the microdata, the CD’s also contain the same integrated Diary and Interview tabulated data (1984-present) that are found on the Consumer Expenditure Survey web site (http://www.bls.gov/cex).

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

STATE CODES ON DISKETTE

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

CHARACTERISTICS AND INCOME FILE (FMLY.)) The state data diskettes are free and may be obtained by contacting the BLS national office. (See Section XVII. INQUIRIES, SUGGESTIONS, AND COMMENTS)

XVII. INQUIRIES, SUGGESTIONS, AND COMMENTS

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

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.