

CONSUMER EXPENDITURE SURVEY

Family-Level Extracts, 1980:1 -1998:2

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Abstract

This document describes an on-going data set extraction effort initiated by John Sabelhaus and continued by Ed Harris, both of the Congressional Budget Office. The annual “family-level” data files described here (available on the National Bureau of Economic Research (NBER) web site, www.nber.org) are the result of linking the four quarterly interviews for each Consumer Expenditure Survey (CE) respondent family. The processed data also collapses the hundreds of spending, income, and wealth categories into a consistent set of categories across all the years, so the data is useful for studying changes in household spending over time. These categories are cross-referenced with comparable National Income and Product Account (NIPA) values, so users of the data can assess the extent to which aggregate trends and cycles are captured in the micro CE data. Finally, there is a brief description of the FORTRAN 90 programs used to process the data for users who wish to create their own category decomposition over time.

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I. Overview

This document describes two sets of Consumer Expenditure Survey (CE) extract data sets for the survey cohorts that entered their first interview in the quarters 1980:1 through 1998:2.

The first set of seventy files (FFILE801, FFILE802,..., FFILE982) contains consumer unit information on expenditures, income, wealth, and basic household demographics. The second set of seventy files (MFILE801, MFILE802,..., MFILE982) contains additional consumer unit member earnings and demographic information. Files are not available for the quarters 1985:3, 1985:4, 1995:3, 1995:4. The CE sampling frame was changed in 1986 and 1996, and families that entered the survey in the two quarters preceding the change cannot be tracked across a full year.

The data extracts here use information from all four of the main public-use files available for each quarter: the family (FMLY) file, member (MEMB) file, detailed expenditure (MTAB) file, and detailed income (ITAB) file. The goal of producing these extracts is to have condensed versions of the original data where the organization is consistent over time. The data sets have been used for studying trends in saving over time, the distributional implications of consumption taxes, and other research involving the joint distribution of expenditures and income.¹

Several adjustments are made to the raw CE data in creating the extract data sets. There are approximately 600 detailed spending, income and wealth items (identified by "UCC codes")

¹Barry Bosworth, Gary Burtless, and John Sabelhaus (1991), "The Decline in Saving: Some Microeconomic Evidence." *Brookings Papers on Economic Activity*, 1:1991, pp. 183-256. John Sabelhaus (1993), "What is the Distributional Burden of Taxing Consumption?" *National Tax Journal*, 46:3, 331-344 (September). Jagadeesh Gokhale, Laurence J. Kotlikoff, and John Sabelhaus (1996), "Understanding the Post-War Decline in U.S. Saving: A Cohort Analysis." *Brookings Papers on Economic Activity*, 1:1996, pp. 315-407. For a general assessment about using the CE data for studying the joint distribution of consumption and income, see John Sabelhaus (1998) "Using the Consumer Expenditure Survey to Study Saving

in the interview survey. These are aggregated into 109 income, expenditure, and wealth categories (See Section V.) in the extract files, so some of the original detail is sacrificed for manageability. The aggregation is aimed at (1) calibrating the data to National Income Account (NIA) aggregates, and (2) measuring household saving using both residual and change in net worth methods (See Sections IV and VI). The change in UCC codes over time is reflected in the aggregation procedure, i.e., the 109 categories are consistent over all seventy data sets.

CE Interview data is collected and processed on a quarterly basis. Any Consumer Unit (CU) can be in the CE for up to four consecutive quarters. The four possible quarterly records for each family are matched to create one annual record for the household -- this is the basic sampling unit in the extract data sets. Households who show up in only one quarter have the same "family record" structure as one that responds all four quarters. The variable FULLYR is used to distinguish households who respond in all four quarters from those who do not.

The annual structure for the extract files leads to a slightly different presentation of the income data than on the original CE data files. Families are asked about their income "over the last twelve months" in their first and last interview, and asked about expenditures "over the last three months" in each of their four interviews. The income answers which chronologically correspond to the expenditures are those from the fourth interview: because of its quarterly processing approach, BLS actually puts the first interview income answers on the first three sets of quarterly files. On the extract files, the first-survey income answers are retained in the LAGINC array.

There are two sample sizes for each quarter reported in Section VII. The first entry is the number who begin the interview process in that quarter, generally about 1,500. The second entry

and Wealth Accumulation," Congressional Budget Office (May).

is the usable sample, who have to meet three other criteria. First, the respondents must have met the BLS "complete income reporter" requirement. Second, the household must have completed all four quarterly interviews (see description above, variable FULLYR). Finally, student households are dropped. Excluding households using the above criteria (about half) introduces substantial attrition bias, most notably, young renters tend not to complete the survey. Therefore, an attrition adjustment based on six age groups and renter/homeowner status is used to reweight the sample. These ratios are reported along with the sample sizes in Section VII.

II. Extract Data Sets Record Layout

This section shows the fixed-format layout for both data sets. The notation is from FORTRAN; "I" means integer, "A" means character, and "F" means a real variable with decimal places indicated by the number to the right of the decimal point.

A. Family Records

Variable	Type	Position
NEWID	I7	1-7
BLSURBN	A1	8
REGION	A1	9
CUTENUR	A1	10
GOVHOUS	A1	11
PUBHOUS	A1	12
REPSTAT	A1	13
SREPSTAT	A1	14
INTMO	A2	15-16
INTYR	A2	17-18
TOTWT	F11.3	19-29
ADJWT	F11.3	30-40
FULLYR	I1	41
NUMEARN	F4.1	42-45
NUMAUTO	F4.1	46-49
VEHQ	F4.1	50-53
FAMSIZE	F4.1	54-57
MEMBCNT	I2	58-59
VAR(109)	109F10.2	60-1149
LAGINC(22)	22F10.2	1150-1369
REPFLAG(109)	109A1	1370-1478

B. Member Records

Variable	Type	Position
NEWID	I7	1-7
AGE	I3	8-10
RELATION	A1	11
EDUC	A2	12-13
RACE	A1	14
SEX	A1	15
WEEKSIN	I2	16-17
EMPLCONT	A1	18
INCOLL	A1	19
NONWORK	A1	20
MARITAL	A1	21
EMPSTAT	A1	22
EMPTYTYPE	A1	23
HRSWKD	I3	24-26
WKSWKD	I2	27-28
OCCUP	A2	29-30
INDUST	A2	31-32
MEMBINC(12)	12I10	33-152
LMEMBINC(12)	12I10	153-272

III. Matched Data Set Variable Descriptions and Possible Values

A. Family Records

1. Original CE ID Number (NEWID)

Beginning Record Position: 1
Type of Variable: I7
Possible Values: Unique 1986:1+

2. Urban Household Identifier (BLSURBN)

Beginning Record Position: 8
Type of Variable: A1
Possible Values: 1=urban, 2=rural.

3. Region of Country (REGION)

Beginning Record Position: 9
Type of Variable: A1
Possible Values: 1=northeast, 2=midwest, 3=south, 4=west, blank for rural.

4. Housing Tenure Indicator (CUTENUR)

Beginning Record Position: 10
Type of Variable: A1
Possible Values: 1=homeowner w/ mortgage, 2=homeowner w/o mortgage, 3=homeowner, mortgage unknown, 4=renter, 5=occupied w/o payment, 6=student.

5. Government Housing Support Indicator (GOVHOUS)

Beginning Record Position: 11
Type of Variable: A1
Possible Values: 1=yes, govt is paying part of housing cost, 2=no, govt is not paying part of cost.

6. Public Housing Indicator (PUBHOUS)

Beginning Record Position: 12
Type of Variable: A1
Possible Values: 1=yes, public housing, 2=no, not public housing.

7. Income Response Status (REPSTAT)

Beginning Record Position: 13
Type of Variable: A1
Possible Values: 1=complete income reporter, 2=incomplete income reporter.

8. "Super" Income Response Status (SREPSTAT)

Beginning Record Position: 14
Type of Variable: A1
Possible Values: 1=complete income reporter, 2=incomplete income reporter.

This variable was created to assign a complete income reporting status in the 1980s which is more stringent than that set by BLS. If REPSTAT=2, then SREPSTAT=2. In addition, each of the 21 income and tax variables (in VAR(109) list; see REPFLAG(109) below) was checked to see how it was flagged on the FMLY record. If any of the four quarterly values for any income variable is B=invalid non-response or C=don't know, refusal, then SREPSTAT=2.

9. Month of Beginning Interview (INTMO)

Beginning Record Position: 15
Type of Variable: A2
Possible Values: 01 through 12

10. Year of Beginning Interview (INTYR)

Beginning Record Position: 17
Type of Variable: A2
Possible Values: 80 through 92

11. Consumer Unit Sampling Weight (TOTWT)

Beginning Record Position: 19
Type of Variable: F11.3

This variable is the result of summing the original quarterly weights.

12. Sample Weight, Attrition Adjusted (ADJWT)

Beginning Record Position: 30
Type of Variable: F11.3

This variable is an adjusted version of TOTWT, reflecting differences in attrition (leaving sample or not answering income questions) across age and homeownership status. The attrition factors are shown in Appendix 3.

The relationship between TOTWT and ADJWT is this. Using TOTWT to weight the entire sample and ADJWT to weight the (FULLYR=1/REPSTAT=1) sample will yield the same overall population estimates.

13. Full Year Indicator (FULLYR)

Beginning Record Position: 41
Type of Variable: II
Possible Values: 1=in sample four quarters, 0=missing one or more

14. Number of Full/Part Time Earners in Consumer Unit (NUMEARN)

Beginning Record Position: 42
Type of Variable: F4.1

NOTE: Non-integer because averaged over the four quarters.

15. Number of Automobiles Owned By Consumer Unit (NUMAUTO)

Beginning Record Position: 46
Type of Variable: F4.1

NOTE: Non-integer because averaged over the four quarters.

16. Number of Vehicles Owned By Consumer Unit (VEHQ)

Beginning Record Position: 50

Type of Variable: F4.1

NOTE: Non-integer because averaged over the four quarters.

17. Consumer Unit Size (FAMSIZE)

Beginning Record Position: 54

Type of Variable: F4.1

NOTE: Non-integer because averaged over the four quarters.

18. Total Number of Members At Least Part Year in Consumer Unit (MEMBCNT)

Beginning Record Position: 58

Type of Variable: I2

NOTE: Inspection limits MEMBCNT to 20.

19. Annual 109 Category Income/Consumption/Wealth Variables (VAR(109))

Beginning Record Position: 60

Type of Variable: 109F10.2

The following is a list of the 109 categories, UCC code mapping is in Section V:

1. Wages and Salaries
2. Proprietor's Accounting Profit
3. Farm Accounting Profit
4. Rental Accounting Profit
5. Dividends Received
6. Interest Received
7. Government/Private Pensions
8. Social Security Benefits
9. Supplemental Security Income
10. Unemployment Compensation
11. Worker's Comp/Veteran's Benefits
12. Public Assistance/Welfare
13. Scholarships, Foster Children
14. Food Stamp Benefits
15. Deductions For Government Retirement
16. Deductions For Railroad Retirement
17. Deductions For Social Security
18. Federal Income Taxes

19. State and Local Income Taxes
20. Personal Property Taxes
21. Other Taxes
22. Nontaxes
23. Food Off-Premise
24. Food On-Premise
25. Food Furnished Employees
26. Tobacco Products
27. Alcohol Off-Premise
28. Alcohol On-Premise
29. Clothing and Shoes
30. Clothing Services
31. Jewelry and Watches
32. Toilet Articles and Preparations
33. Barbershops, Beauty Parlors, Health Clubs
34. Tenant-Occupied Nonfarm Dwellings--Rent
35. Other Rented Lodging
36. Furniture and Durable Household Equipment
37. Nondurable Household Supplies and Equipment
38. Electricity
39. Gas
40. Water and Other Sanitary Services
41. Fuel Oil and Coal
42. Telephone and Telegraph
43. Domestic Service, Other Household Operation
44. Drug Preparations
45. Ophthalmic Products and Orthopedic Appliances
46. Physicians, Dentists, Other Medical Professionals
47. Hospitals
48. Nursing Homes
49. Health Insurance
50. Business Services
51. Expense of Handling Life Insurance
52. New and Used Motor Vehicles
53. Tires, Tubes, Accessories, and Other Parts
54. Repair, Greasing, Washing, Parking, Storage, Rental
55. Gasoline and Oil
56. Bridge, Tunnel, Ferry, and Road Tolls
57. Auto Insurance
58. Mass Transit Systems
59. Taxicab, Railway, Bus, and Other Travel Expenses
60. Airline Fares
61. Books and Maps
62. Magazines, Newspapers, Other Nondurable Toys, etc.
63. Recreation and Sports Equipment
64. Other Recreation Services

65. Pari-Mutuel Net Receipts
66. Higher Education
67. Nursery, Elementary, and Secondary Education
68. Other Education Services
69. Religious and Welfare Activities
70. Insurance Refunds (Negative)
71. Interest Paid By Consumers - Vehicles
72. Interest Paid By Consumers - Other
73. Rent Received as Pay
74. Market Value of Owned Home
75. Rental Equivalence of Owned Home
76. Owned Housing Interest Payments
77. Owned Housing Property Taxes
78. Owned Housing Intermediate Goods/Services
79. Owned Housing Mortgage Principal
80. Owned Housing Lump Sum Mortgage Payments
81. Owned Housing Properties Sold
82. Owned Housing Properties Purchased
83. Owned Housing, Mortgages Originated
84. Owned Housing Mortgage Held By Seller
85. Owned Housing Transactions Costs
86. Housing Additions and Alterations
87. Checking, Brokerage Accounts
88. Change In Checking, Brokerage Accounts
89. Savings Accounts
90. Change in Savings Account
91. Market Value of Stocks and Bonds
92. Change in Stocks and Bonds
93. Amount Borrowed Vehicle Loan
94. Trade In Allowance For Vehicles
95. Vehicles Sold or Reimbursed
96. Reduction of Principle On Vehicle Loan
97. Net Assets Invested in Farm or Business
98. Contributions to Private Pensions
99. Contributions to Self Employed Retirement
100. Change in Money Owed to Consumer Unit
101. Amount Owed First Interview
102. Amount Owed First Interview, Q1 Only
103. Amount Owed Fifth Interview
104. Amount Owed Fifth Interview, Q1 Only
105. Contributions Paid to Others, With Alimony/Child Support
106. Contributions Received from Others, With Alimony/Child Support
107. Contributions Paid: Measured on Expenditure File (1982-89 On
108. Lump Sum Receipts from Estates, Bequests, Inheritances, Etc.
109. Other Net Cash Inflow

20. Lagged Income Variables (LAGINC(22))

Beginning Record Position: 1150
Type of Variable: 22F10.2

NOTE: These measures replace the first twenty-one elements of VAR(109) with 4*first quarter value. The 22nd element of LAGINC is the lagged 99th element of VAR(109), contributions to IRA/KEO accounts, which was also asked at 2nd and 5th interviews.

21. Reporting Flags (REPFLAG(109))

Beginning Record Position: 1370
Type of Variable: 109A1
Possible Values: Annual flag value based on quarterly values. If any quarterly value='B' (invalid, non-response), then annual value='B'; else if any quarterly value='C' (don't know, refusal) then annual value='C'; else if any quarterly value='T' (top-coded), the annual value='T'; else if any quarterly value='D' (valid or good data), then annual value='D'; else if any quarterly value='A' (valid blank), then annual value='A'.

B. Member Records

1. Identification Number (NEWID)

Beginning Record Position: 1
Type of Variable: I7

2. Age of Consumer Unit Members (AGE)

Beginning Record Position: 8
Type of Variable: I3

NOTE: AGE is last reported age for each member in 1980s.

3. Relation of Consumer Unit Members to Head of Household (RELATION)

Beginning Record Position: 11
Type of Variable: A1
Possible Values: 1=head of household, 2=spouse, 3=child or adopted child of head, 4=grandchild of head, 5=in-law of head, 6=brother/sister of head, 7=mother/father of head, 8=other relatives, 9=unrelated individual, 0=na

NOTE: First person in household is not always head.

4. Education Level of Consumer Unit Members (EDUC)

Beginning Record Position: 12
Type of Variable: A2
Possible Values: **Prior to 1996:** 00=never attended, 01 through 12=year completed through high school, 21=first year of college or equivalent, 22=2nd year of college or equivalent, 23=3rd year of college or equivalent, 24=4th year of college or equivalent, 31=1st year graduate school or equivalent, 32=2nd year of graduate school or more.
1996 and later: 00=Never attended school, 1-11 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

5. Race of Member (RACE)

Beginning Record Position: 14
Type of Variable: A1
Possible Values: 1=white, 2=black, 3=american indian or aleut eskimo, 4=asian or pacific islander, 5=other

6. Sex of Member (SEX)

Beginning Record Position: 15
Type of Variable: A1
Possible Values: 1=male, 2=female

7. Number of Weeks Member in Household (WEEKSIN)

Beginning Record Position: 16
Type of Variable: I2
Possible Values: 13, 26, 39, or 52

8. Did Employer Contribute to Member's Private Pension Fund? (EMPLCONT)

Beginning Record Position: 18
Type of Variable: A1
Possible Values: 1=yes, 2=no

9. Is Member Currently in College? (INCOLL)

Beginning Record Position: 19
Type of Variable: A1
Possible Values: 1=full time, 2=part time, 3=not at all

10. Reason Member is Not Working (NONWORK)

Beginning Record Position: 20

Type of Variable: A1

Possible Values: 1=ill, disabled, 2=taking care of home/family,
3=going to school, 4=could not find work,
5=retired, 6=doing something else

11. Marital Status of Each Member (MARITAL)

Beginning Record Position: 21

Type of Variable: A1

Possible Values: 1=married, 2=widowed, 3=divorced, 4=separated,
5=never married

12. Employment Status of Members (EMPSTAT)

Beginning Record Position: 22

Type of Variable: A1

Possible Values: 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, blank
if member did not work.

13. Type of Employee (EMPTYE)

Beginning Record Position: 23

Type of Variable: A1

Possible Values: 1=private company, 2=government employee,
3=self-employed, 4=working without pay.

14. Number of Hours Member Worked Per Week (HRSWKD)

Beginning Record Position: 24

Type of Variable: I3

15. Number of Weeks Member Worked (WKSWKD)

Beginning Record Position: 27
Type of Variable: I2
Possible Values: 00 through 52=actual number.

16. Occupation of Member (OCCUP)

Beginning Record Position: 29
Type of Variable: A2
Possible Values: 01=managerial and professional specialty occupation, 02=technical, sales, and administrative support occupations, 03=service occupations, 04=farming, forestry, and fishing occupations, 05=precision production, craft, and repair occupations, 06=operators, fabricators, and laborers, 07=armed forces, 08=self employed, 09=not working, 10=retired, 11=other, including not reported.

17. Industry of Member (INDUST)

Beginning Record Position: 31
Type of Variable: A2
Possible Values: 01=agriculture, forestry, fisheries, and mining, 02=construction, 03=-manufacturing, 04=transportation, communications, public utilities, 05=wholesale and retail trade, 06=finance, insurance, real estate, 07=professional and related services, 08=other services, 09=public administration, 10=industry nor reported or nonresponse.

18. Member Income and Tax Variables (MEMBINC(12))

Beginning Record Position: 33
Type of Variable: 12F10.2

The twelve elements of the array are:

1. Annual Federal Tax Paid
2. Annual Government Retirement Deducted
3. Annual Private Pension Contributions Deducted

4. Annual Railroad Retirement Deducted
5. Annual State/Local Tax Paid
6. Annual Farm Income
7. Annual IRA/KEOGH Contributions
8. Annual Social Security Paid
9. Annual Non-Farm Business Income
10. Annual Wage and Salary Income
11. Annual Social Security Income
12. Annual Supplemental Security Income

19. Lagged Member Income and Tax Variables (LMEMBINC(12))

Beginning Record Position: 153

Type of Variable: 12F10.2

The twelve elements of the array are the same as MEMBINC(12), these are first quarter values.

IV. Measuring Saving With CE Data

This section shows how the VAR(109) vector is used to generate two household saving estimates.²

Saving Measured Using Residual Method	
Cash Income	
Wages and Salaries	VAR(1)
Self-Employment Income	VAR(2)+VAR(3)
Rent, Interest, and Dividends	VAR(4)+VAR(5)+VAR(6)
Government Transfers	VAR(8)+...+VAR(14)
Private/Government Pensions	VAR(7)
Alimony, Etc., Received	VAR(105)
+ Other Net Cash Inflow	
Alimony, Etc., Paid	-VAR(105)
Insurance Refunds	-VAR(70)
Inheritances and Bequests	VAR(108)
- Personal Taxes	VAR(18)+...+VAR(22)
- Social Insurance Taxes	VAR(16)+VAR(17)
- Consumption	
Food	VAR(23)+VAR(24)+VAR(25)
Clothing	VAR(29)
Rent and Utilities	VAR(34)+VAR(38)+...+VAR(42)
Out of Pocket Medical	VAR(44)+...+VAR(49)
Motor Vehicles and Parts	VAR(52)+VAR(53)
Furniture and Household Eq	VAR(36)
Housing Interest	VAR(76)
Housing Property Taxes	VAR(77)
Housing Intermediate Goods	VAR(78)
Life Insurance Premiums Paid	VAR(51)
Gifts and Contr to Org	VAR(69)
Personal Interest Expense	VAR(71)+VAR(72)
Other Goods	VAR(26)+VAR(27)+VAR(28)+VAR(31)+VAR(32)+ VAR(37)+VAR(55)+VAR(61)+VAR(62)+VAR(63)
Other Services	VAR(30)+VAR(33)+VAR(35)+VAR(43)+VAR(50)+ VAR(54)+VAR(56)+...+VAR(60)+VAR(64)+... +VAR(68)
= Residual Saving	

²These concepts underlie the two measures in John Sabelhaus (1993), "What is The Distributional Burden of Taxing Consumption?" *National Tax Journal*, 46:3, 331-344.

Saving Measured Using Net Worth Method

Increase in Non-Housing Assets	
Private Pension Contributions	VAR(98)
Other Retirement Contr	VAR(99)
Change in Checking Accounts	VAR(88)
Change in Saving Accounts	VAR(90)
Change in Stocks and Bonds	VAR(92)
Investments to Own Frm/Bs	VAR(97)
- Increase in Non-Housing Liabilities	
Vehicle Loans Originated	VAR(93)
Less: Vehicle Loan Princ Pd	VAR(96)
Change in Installment Credit	VAR(103)-VAR(101)
Less: Chge in Amt Owed CU	VAR(100)
+ Change in Housing Net Worth	
Properties Purchased	VAR(82)
Less: Properties Sold	VAR(81)-VAR(84)-VAR(85)
Additions and Alterations	VAR(86)
Payment of Mortgage Princ	VAR(79)+VAR(80)
Less: Mortgage Loans Orig	VAR(83)
= Net Worth Saving	

V. UCC Code Mapping

This section shows how the several hundred UCC codes are allocated across the 109 income, consumption, and wealth change categories listed above. It is important to note that not all UCC codes are used in every year, but BLS has not “re-used” any UCC codes, so this list applies to every year of the data. In most cases, UCCs were added or dropped when categories are split or collapsed, and so long as those splits stay within any given aggregated category there is no impact on the 109 variables.

Income Variables

001. Wages and Salaries

I900000 Wages and Salaries

002. Proprietor's Accounting Profit

I900010 Net Business Income

003. Farm Accounting Profit

I900020 Net Farm Income

004. Rental Accounting Profit

I900060 Income From Roomers and Boarders

I900070 Other Rental Income

005. Dividends Received

I900050 Dividends, Royalties, Estates or Trusts

006. Interest Received

I900080 Interest From Savings Accounts or Bonds

007. Government/Private Pensions

I900040 Pensions and Annuities

008. Social Security Benefits

I900030 Social Security and Railroad Retirement Income

009. Supplemental Security Income

I900090 Supplemental Security Income

010. Unemployment Compensation

I900100 Unemployment Compensation

011. Worker's Comp/Veteran's Benefits

I900110 Workers' Compensation and Veterans Benefits Including Education

012. Public Assistance/Welfare

1900120 Public Assistance or Welfare Including Money Received From Job
Training Grants Such as Job Corps

013. Scholarships, Foster Children

1900140 Other Income Including Money Received from Care of Foster Children,
Cash Scholarships and Fellowships or Stipends not Based on Working

014. Food Stamp Benefits

1900150 Food Stamps

015. Deductions For Government Retirement

1800910 Payroll Deductions for Government Retirement

016. Deductions For Railroad Retirement

1800920 Payroll Deductions for Railroad Retirement

017. Deductions For Social Security

1800940 Payroll Deductions for Social Security (includes Medicare)

1910020 Overpayment on Social Security (includes Medicare)

018. Federal Income Taxes

1950000 Federal Income Tax

1950001 Federal Income Tax Refunds

019. State and Local Income Taxes

1950010 State and Local Income Tax

1950011 State and Local Income Tax Refunds

020. Personal Property Taxes

1950022 Personal Property Taxes

021. Other Taxes

M840101 Amount for Special Assessments for Roads, Streets, or Similar Purposes
not Included in Property Tax - Owned Home

M840102 Amount for Special Assessments for Roads, Streets, or Similar Purposes
not Included in Property Tax - Owned Vacation Home

M790630 Special Assessments for Services and Capital Improvements - Other
Properties

1950021 Other Taxes

1950023 Other Tax Refunds

022. Nontaxes

M520110 State and Local Vehicle Registration

M520310 Driver's License

Consumption Variables

023. Food Off-Premise

M190904 Food and Beverages Purchased and Prepared by CU on Trips
M790220 Food and Nonalcoholic Beverage purchases at Grocery Stores
M790230 Food and Nonalcoholic Beverage purchases at Convenience or Specialty Stores

024. Food On-Premise

M190901 Food or Board, at School and Rooming/Boarding Houses
M190902 Catered Affairs
M190903 Food and Non-alc Beverages at Restaurants, Cafes, Fast Food Places on Trips
M790410 Dining Out at Restaurants, Cafeterias, Drive-ins, Etc. (Excluding Alcoholic Beverages)
M790430 School Meals for Preschool and School Age Children

025. Food Furnished Employees

M800700 Meals Received as Pay

026. Tobacco Products

M630110 Cigarettes
M630210 Cigars, Pipe Tobacco, and Other Tobacco Products

027. Alcohol Off-Premise

M790310 Beer and Wine for Home Use
M790320 Other Alcoholic Beverages for Home Use

028. Alcohol On-Premise

M200900 Alcoholic Beverages at Restaurants, Cafes, Bars on Trips
M790420 Alcoholic Beverages at Restaurants, Cafeterias, Drive-ins, Etc.

029. Clothing and Shoes

M360110 Men's Suits
M360120 Men's Sport Coats
M360210 Men's Coats, Jackets, and Furs
M360311 Men's Underwear
M360312 Men's Hosiery
M360320 Men's Nightwear
M360330 Men's Accessories
M360340 Men's Sweaters and Vests
M360350 Men's Active Sportswear
M360410 Men's Shirts
M360511 Men's Pants
M360512 Men's Shorts and Shorts Sets, Excl. Athletic
M360901 Men's Uniforms

M360902 Men's Other Clothing, Incl. Costumes
 M370110 Boys' Coats, Jackets, and Furs
 M370120 Boys' Sweaters
 M370130 Boys' Shirts
 M370211 Boys' Underwear
 M370212 Boys' Nightwear
 M370213 Boys' Hosiery
 M370220 Boys' Accessories
 M370311 Boys' Suits, Sport Coats, and Vests
 M370312 Boys' Pants
 M370313 Boys' Shorts and Shorts Sets, Excl. Athletic
 M370901 Boys' Uniforms and Active Sportswear
 M370902 Boys' Other Clothing, Incl. Costumes
 M370903 Boys' Uniforms
 M370904 Boys' Active Sportswear
 M380110 Women's Coats, Jackets, and Furs
 M380210 Women's Dresses
 M380311 Women's Sport Coats and Tailored Jackets
 M380312 Women's Vests, Sweaters, and Sweater Sets
 M380313 Women's Shirts, Tops, and Blouses
 M380320 Women's Skirts and Culottes
 M380331 Women's Pants
 M380332 Women's Shorts and Shorts Sets, Excl. Athletic
 M380340 Women's Active Sportswear
 M380410 Women's Nightwear
 M380420 Women's Undergarments
 M380430 Women's Hosiery
 M380510 Women's Suits
 M380901 Women's Accessories
 M380902 Women's Uniforms
 M380903 Women's Other Clothing, Incl. Costumes
 M420110 Sewing Materials for Making Clothes
 M420120 Sewing Notions, Patterns
 M430130 Travel Items, Including Luggage, and Luggage Carriers
 M640130 Wigs, Hairpieces, or Toupees
 M390110 Girls' Coats, Jackets, and Furs
 M390120 Girls' Dresses and Suits
 M390210 Girls' Sport Coats, Tailored Jackets, Shirts, Blouses, Sweaters,
 Sweater Sets, and Vests
 M390221 Girls' Skirts, Culottes, and Pants
 M390222 Girls' Shorts and Shorts Sets, Excl. Athletic
 M390230 Girls' Active Sportswear
 M390310 Girls' Undergarments and Nightwear
 M390321 Girls' Hosiery
 M390322 Girls' Accessories
 M390901 Girls' Uniforms

M390902 Girls' Other Clothing, Incl. Costumes
M400110 Men's Footwear
M400210 Boys' Footwear
M400220 Women's Footwear
M400310 Girls' Footwear
M410110 Infants' Coats, Jackets, and Snowsuits
M410111 Infant Coats, Jackets, and Snowsuits 9B (1980-1991Q2)
M410112 Infant Coats, Jackets, and Snowsuits 9A (1980-1991Q2)
M410120 Infants' Dresses and Outerwear
M410121 Infant Dresses and Outerwear 9B (1980-1991Q2)
M410122 Infant Dresses and Outerwear 9A (1980-1991Q2)
M410130 Infants' Undergarments, Including Diapers
M410131 Infant Undergarments 9B, Including Diapers (1980-1991Q2)
M410132 Infant Undergarments 9A, Including Diapers (1980-1991Q2)
M410140 Infants' Sleeping Garments
M410141 Infant Sleeping Garments 9B (1980-1991Q2)
M410142 Infant Sleeping Garments 9A (1980-1991Q2)
M410901 Infants' Accessories, Hosiery, and Footwear
M410902 Infant's Other Clothing (1980-1991Q1)
M410903 Infant Accessories 9A (1980-1991Q2)
M410904 Infant Hosiery, Footwear, and Other Clothing (1980-1991Q2)

030. Clothing Services

M440110 Shoe Repair and Other Shoe Services
M440120 Apparel Laundry and Dry Cleaning - Coin-Operated
M440130 Repair and Alteration to Clothing and Accessories
M440140 Clothing Rental
M440150 Watch and Jewelry Repair
M440210 Apparel Laundry and Dry Cleaning - Not Coin Operated
M440900 Clothing Storage

031. Jewelry and Watches

M430110 Watches
M430120 Jewelry

032. Toilet Articles and Preparations

033. Barbershops, Beauty Parlors, Health Clubs

M650110 Personal Care Services for Females, Including Haircuts
M650210 Personal Care Services for Males, Including Haircuts
M650900 Rental and Repair of Personal Care Appliances

034. Tenant-Occupied Nonfarm Dwellings--Rent

M210110 Rent of Dwelling, Includes Parking Fees
M230111 Contractors' Labor and Material Costs, and Cost of Supplies Rented
for Inside and Outside Painting and Papering, Plastering, Paneling,

Plumbing or Water Heating, Electrical Work, Heating or Air-Conditioning (Incl. Service Contracts), Insulation, Termite and Pest Control (Incl. Service Contracts), Roofing and Gutters, Siding, Windows, Screens, Doors, Awnings, Masonry, Brick and Stucco Work, Patios, Walks, Fences, Driveways, Swimming Pools, Finishing Basement or Attic, Remodeling Rooms, and Landscaping - Renter

M230117 Built-in Dishwasher, Garbage Disposal, or Range Hood for Jobs Considered Replacement or Maintenance/Repair - Renter

M230121 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Repair or Replacement of Hard-Surface Flooring - Renter

M230131 Installed Wall-to-Wall Carpeting - Renter

M230141 Service Contract Charges and Cost of Maintenance or Repair for Built-in Dishwasher, Garbage Disposal, or Range Hood - Renter

M230150 Repair or Maintenance services (renter)

M240111 Cost of Paint, Wallpaper, and Supplies Purchased for Inside and Outside Painting and Papering - Renter

M240121 Cost of Equipment Purchased for Inside and Outside Painting and Papering - Renter

M240211 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

M240221 Cost of Supplies Purchased for Masonry, Brick or Stucco Work; Portion of Cost of Supplies Purchased for Patios, Walks, Fences, Driveways, Swimming Pools - Renter

M240311 Cost of Supplies Purchased for Plumbing or Water Heating Installations and Repairs - Renter

M240321 Cost of Supplies Purchased for Electrical Work, Heating or Air Conditioning Jobs - Renter

M320161 Non-Installed Wall to Wall Carpeting and Carpet Squares - Renter

M320611 Cost of Supplies Purchased for Insulation and Other Improvements/ Repairs; Materials and Supplies Purchased not for any Specific Job - Renter

M320621 Cost of Supplies Purchased for Repair or Replacement of Hard Surfaced Flooring - Renter

M320631 Cost of Supplies Purchased for Landscaping - Renter

M340904 Rental of Furniture

M790690 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

M990920 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

M990950 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Dwellings and Additions Being Built - Other Properties

035. Other Rented Lodging

M210210 Lodging Away From Home on Trips

M210310 Housing For Someone At School

036. Furniture and Durable Household Equipment

M280110 Bathroom Linens

M280120 Bedroom Linens

M280130 Kitchen and Dining Room Linens

M280210 Curtains and Drapes

M280220 Slipcovers, Decorative Pillows, and Cushions

M280230 Sewing Materials For Slipcovers, Curtains, Other Home Handiwork

M280900 Other Linens

M290110 Mattresses and Springs

M290120 Other Bedroom Furniture

M290210 Sofas

M290310 Living Room Chairs

M290320 Living Room Tables

M290410 All Kitchen and Dining Room Furniture

M290420 Infants' Furniture

M290430 Patio, Porch, or Outdoor Furniture

M290440 Modular Wall Units, Shelves or Cabinets; Other Living Room, Family
or Recreation Room Furniture Including Desks

M300111 Purchase and Installation of Refrigerator or Home Freezer - Renter

M300112 Purchase and Installation of Refrigerator or Home Freezers -
Homeowner

M300211 Purchase and Installation of Clothes Washer - Renter

M300212 Purchase and Installation of Clothes Washer - Owner

M300221 Purchase and Installation of Clothes Dryer - Renter

M300222 Purchase and Installation of Clothes Dryer - Owner

M300311 Purchase and Installation of Cooking Stove, Range or Oven, Excl.
Microwave - Renter

M300312 Purchase and Installation of Cooking Stove, Range or Oven, Excl.
Microwave - Homeowner

M300321 Purchase and Installation of Microwave Oven - Renter

M300322 Purchase and Installation of Microwave Oven - Homeowner

M300331 Purchase and Installation of Portable Dishwasher - Renter

M300332 Purchase and Installation of Portable Dishwasher - Homeowner

M300411 Window Air Conditioner - Renter

M300412 Window Air Conditioner - Homeowner

M320110 Room-size Rugs and Other Non-Permanent Floor Coverings

M320120 Venetian Blinds, Window Shades and Other Window Coverings

M320130 Infants' Equipment

M320150 Outdoor Equipment

M320210 Clocks

M320220 Lamps and Other Lighting Fixtures

M320230 Other Household Decorative Items (1980-81)

M320231 Other Household Decorative Items (Not Used 1980-81)
M320232 Telephones and Accessories (Not Used 1980-81)
M320320 China and Other Dinnerware
M320330 Stainless, Silver and Other Flatware
M320340 Glassware
M320350 Silver Serving Pieces
M320360 Serving Pieces Other Than Silver
M320370 Non-electric Cookware
M320410 Lawnmowing Equipment and Other Yard Machinery
M320420 Power Tools
M320511 Electric Floor Cleaning Equipment
M320512 Sewing Machines
M320521 Small Electrical Kitchen Appliances
M320522 Portable Heating and Cooling Equipment
M320901 Office Furniture for Home Use
M320902 Non-Power Tools
M320904 Closet Storage Items
M640420 Electrical Personal Care Appliances
M690210 Telephone Answering Devices
M690241 Purchases and Rentals of Smoke Alarms and Detectors - Renter
M690242 Purchases and Rentals of Smoke Alarms and Detectors - Owned Home
M690243 Purchases and Rentals of Smoke Alarms and Detectors - Owned Vacation
Home
M690244 Other Household Appliances - Renter
M690245 Other Household Appliances - Homeowner

037. Nondurable Household Supplies and Equipment

038. Electricity

M260111 Electricity - Renter
M260112 Electricity - Owned Home; Portion of Management Fees for Utilities
in Condos and Coops (Non-Vacation)
M260113 Electricity - Owned Vacation Home; Portion of Management Fees for
Utilities in Vacation Condos and Coops
M260114 Electricity - Rented Vacation Property

039. Gas

M260211 Natural or Utility Gas - Renter
M260212 Natural or Utility Gas - Owned Home; Portion of Management Fees for
Utilities in Condos and Coops (Non-Vacation)
M260213 Natural or Utility Gas - Owned Vacation Home; Portion of Management
Fees for Utilities in Vacation Condos and Coops
M260214 Natural or Utility Gas - Rented Vacation Property

040. Water and Other Sanitary Services

M270211 Water and Sewerage Maintenance - Renter

M270212 Water and Sewerage Maintenance - Owned Home; Portion of Management Fees for Utilities in Condos and Coops (Non-Vacation)
M270213 Water and Sewerage Maintenance - Owned Vacation Home; Portion of Management Fees for Utilities in Vacation Condos and Coops
M270214 Water and Sewerage Maintenance - Rented Vacation Property
M270411 Trash and Garbage Collection - Renter
M270412 Trash and Garbage Collection - Owned Home; Portion of Management Fees for Utilities in Condos and Coops (Non-Vacation)
M270413 Trash and Garbage Collection - Owned Vacation Home; Portion of Management Fees for Utilities in Vacation Condos and Coops
M270414 Trash and Garbage Collection - Rented Vacation Property
M270901 Septic Tank Cleaning - Renter
M270902 Septic Tank Cleaning - Owned Home
M270903 Septic Tank Cleaning - Owned Vacation Home
M270904 Septic Tank Cleaning - Rented Vacation Property

040. Fuel Oil and Coal

M250111 Fuel Oil - Renter
M250112 Fuel Oil - Owned Home; Portion of Management Fees for Utilities in Condos and Coops (Non-Vacation)
M250113 Fuel Oil - Owned Vacation Home; Portion of Management Fees for Utilities in Vacation Condos and Coops
M250114 Fuel Oil - Rented Vacation Property
M250211 Gas, Bottled or Tank - Renter
M250212 Gas, Bottled or Tank - Owned Home
M250213 Gas, Bottled or Tank - Owned Vacation Home
M250214 Gas, Bottled or Tank - Rented Vacation Property
M250221 Coal - Renter
M250222 Coal - Owned
M250223 Coal - Owned Vacation Home
M250224 Coal - Rented Vacation Property
M250901 Wood, Kerosene, and Other Fuels - Renter
M250902 Wood, Kerosene, and Other Fuels - Owned Home
M250903 Wood, Kerosene, and Other Fuels - Owned Vacation Home
M250904 Wood, Kerosene, and Other Fuels - Rented Vacation Property

042. Telephone and Telegraph

M270000 Telephone Service Not Specified (1980-1991Q1)
M270101 Telephone Service, Excluding Mobile Car Phones
M270102 Telephone Service for Mobile Car Phones

043. Domestic Service, Other Household Operation

M220111 Fire and Extended Coverage Insurance - Owned Home
M220112 Fire and Extended Coverage Insurance - Owned Vacation Home
M220121 Homeowners Insurance - Owned Home; Management Fees for Property Insurance in Coops (Non-Vacation)

M220122 Homeowners Insurance - Owned Vacation Home; Management Fees for
 Property Insurance in Vacation Coops
 M330511 Cost of Materials Purchased for Termite and Pest Control for Jobs
 Considered Replacement or Maintenance/Repair
 M340210 Babysitting or Other Home Care For Children (through 93Q2)
 M340211 Babysitting or Other Home Care in Your Own Home (93Q3 +)
 M340212 Babysitting or Other Home Care in Someone Else's Home (93Q3 +)
 M340310 Housekeeping Service, Incl. Management Fees for Maid Service in
 Condos
 M340410 Gardening and Lawn Care Services, Incl. Management Fees for Lawn
 Care in Coops and Condos
 M340420 Water Softening Service
 M340510 Moving, Storage, and Freight Express
 M340520 Non-Clothing Household Laundry or Dry Cleaning - Not Coin-Operated
 M340530 Non-Clothing Household Laundry or Dry Cleaning - Coin-Operated
 M340620 Repair of Household Appliances, Excluding Garbage Disposal, Range
 Hood, and Built-in Dishwasher
 M340630 Furniture Repair, Refinishing, or Reupholstery
 M340901 Rental or Repair of Lawnmowing Equipment and Other Yard Machinery,
 Power and Non-Power Tools
 M340903 Miscellaneous Home Services and Small Repair Jobs Not Already
 Specified
 M340907 Rental and Installation of Household Equipment
 M340908 Rental of Office Equipment for Non-Business Use
 M340910 Adult Day Care Centers
 M340914 Services for termite/pest control maintenance
 M350110 Tenant's Insurance
 M690113 Repair of Computers, Computer Systems, and Related Equipment for
 Non-Business Use
 M990900 Rental and Installation of Dishwasher, Disposal, and Range Hood
 M990910 Cost of Supplies Purchased by Consumer Unit for Termite or Pest
 Control for Jobs Considered Addition, Alteration or New Construction -
 Renter

044. Drug Preparations

M540000 Prescription Drugs and Medicines (Net Outlay)

045. Ophthalmic Products and Orthopedic Appliances

M550110 Purchase of Eye Glasses or Contact Lenses, Incl. Kits and Equipment,
 Fittings, Warranty Expenses, and Insurance (Net Outlay)
 M550320 Purchase of Medical 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)
 M550330 Purchase of Supportive or Convalescent Medical Equipment, Such as
 Crutches, Wheelchairs, Braces, and Ace Bandages (Net Outlay)

M550340 Hearing Aids (Net Outlay)

046. Physicians, Dentists, Other Medical Professionals

M340906 Care For Invalids, Convalescents, Handicapped or Elderly in the CU

M560110 Physicians' Services (Net Outlay)

M560210 Dental Care (Net Outlay)

M560310 Eye Exams, Treatment or Surgery (Net Outlay)

M560320 Service By Practitioner Other Than Physician (1980-1991Q1)

M560330 Lab Tests and X-Rays (Net Outlay)

M560400 Services by Medical Professionals Other Than Physicians, Nursing Services, and Therapeutic Treatments (Net Outlay)

M560900 Nursing Services and Therapeutic Treatments (1980-1991Q1)

M570230 Other Medical Care Service, Such as Blood Donation, Ambulance, Emergency Room, or Outpatient Hospital Services (Net Outlay)

M570240 Medical Care in Retirement Community

M570901 Rental of Medical or Surgical Equipment for General Use (Net Outlay)

M570903 Rental of Supportive and Convalescent Equipment (Net Outlay)

047. Hospitals

M570110 Hospital Room and Meals (Net Outlay)

M570210 Hospital Service 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)

048. Nursing Homes

M570220 Care in Convalescent or Nursing Home (Net Outlay)

049. Health Insurance

M580110 Commercial Health Insurance

M580111 Traditional fee for service health plan (not BC/BS)

M580112 Traditional fee for service health plan (BC/BS)

M580113 Preferred provider health plan (not BC/BS)

M580114 Preferred provider health plan (BC/BS)

M580210 Blue Cross or Blue Shield

M580310 Health Maintenance Plans

M580311 Health Maintenance Organization (not BC/BS)

M580312 Health Maintenance Organization (BC/BS)

M580901 Medicare Payments

M580902 Commercial Medicare Supplements, Dental Insurance and Other Health Insurance

M580903 Commercial Medicare Supplements (not BC/BS)

M580904 Commercial Medicare Supplements (BC/BS)

M580905 Other health insurance (not BC/BS)

M580906 Other health insurance (BC/BS)

050. Business Services

- I900001 Occupational Expenses Such as Union Dues, Tools, Uniforms, Business or Professional Association Dues, Licenses or Permits
- M620112 Membership Fees for Credit Cards Memberships
- M680110 Legal Fees, Excluding Real Estate Closing Costs
- M680140 Funeral, Burial, or Cremation Expenses, Including Limousine and Flowers
- M680210 Safe Deposit Boxes
- M680220 Charges for Checking Accounts and Other Banking Services
- M680901 Purchase and Upkeep of Cemetery Lots or Vaults
- M680902 Accounting Fees
- M690114 Computer information services

051. Expense of Handling Life Insurance

- M002120 Other Non-Health Insurance
- M700110 Life, Endowment, Annuities, and Other Insurance Policies Providing Death Benefits

052. New and Used Motor Vehicles

- M450110 New Cars (Net Outlay)
- M450210 New Trucks or Vans (Net Outlay)
- M450220 New Motorcycles, Motor Scooters, or Mopeds (Net Outlay)
- M460110 Used Cars (Net Outlay)
- M460901 Used Trucks or Vans (Net Outlay)
- M460902 Used Motorcycles, Motor Scooters, or Mopeds (Net Outlay)
- M600131 Motorized Camper-Coach or Other Vehicles (Net Outlay)
- M600141 Purchase of motorized camper
- M600142 Purchase of other vehicle

053. Tires, Tubes, Accesories, and Other Parts

- M480110 Tires (New, Used, or Recapped); Replacement and Mounting of Tires, Including Tube Replacement
- M480211 Battery Replacement; Audio Equipment, Floormats, Seatcovers, Other Accessories, Batteries, Other Vehicle Equipment Installed by CU
- M480213 Parts/equip/accessories
- M480214 Vehicle audio equipment excluding labor

054. Repair, Greasing, Washing, Parking, Storage, Rental

- M220901 Parking at Owned Home; Management Fees for Parking in Condos and Coops (Non-Vacation)
- M220902 Parking Owned Vacation Home, Vacation Condos and Coops
- M450310 Basic Lease Charges (Car Lease)
- M450311 Charges Other Than Basic Lease, Such as Insurance or Maintenance (Car Lease)
- M450313 Cash Down Payment (Car Lease)
- M450314 Termination Fee (Car Lease)
- M450410 Basic Lease Charge (Truck/Van Lease)

M450411 Charges Other Than Basic Lease, Such as Insurance or Maintenance
 (Truck/Van Lease)
 M450413 Cash Down Payment (Car Lease)
 M450414 Termination Fee (Truck/Van Lease)
 M470220 Coolant/ Antifreeze, Brake and Transmission Fluids, Additives, and
 Radiator/Cooling System Protectant (Not Purchased with Tune-Up)
 M490110 Body Work, Painting, Repair and Replacement of Upholstry, Vinyl/
 Convertible Top, and Glass, Installation of Carpet
 M490211 Clutch and Transmission Repair
 M490212 Drive Shaft and Rear-End Repair
 M490220 Brake Work, Excluding Brake Adjustment
 M490221 Brake Work
 M490231 Steering or Front End Repair
 M490232 Cooling System Repair
 M490311 Motor Tune-Up
 M490312 Lubrication and Oil Changes
 M490313 Front End Alignment, Wheel Balance, and Rotation
 M490314 Shock Absorber Replacement
 M490315 Brake Adjustment (Not Used 80-81)
 M490317 Minor Repairs and Adjustments on Out-of-Town Trips (1980-1991Q1)
 M490318 Repair Tires Miscellaneous Repair Work, Such as Battery Charge,
 Wash, Wax, Repair and Replacement of Windshield Wiper, Wiper Motor,
 Heater, Air Conditioner, Radio and Antenna (Not Used 80-81)
 M490319 Vehicle Air Conditioner Repair (93Q3 +)
 M490411 Exhaust System Repair
 M490412 Electrical System Repair
 M490413 Motor Repair and Replacement
 M490500 Purchase and Installation of Vehicle Accessories, Incl. Audio
 Equipment, Customizing, and Items Such as Luggage Racks, Fog Lamps, and
 Trailer Hitches
 M490501 Vehicle accessories including labor
 M490502 Vehicle audio equipment including labor
 M490900 Auto Repair Service Policy
 M520410 Vehicle Inspection
 M520511 Auto Rental, Excl. Trips
 M520512 Auto Rental on Out-of-Town Trips
 M520521 Truck or Van Rental, Excl. Trips
 M520522 Truck or Van Rental Out-of-Town Trips
 M520530 Parking Fees Except Those In Home-Ownership Fees (1980-1991Q1)
 M520531 Parking Fees at Garages, Meters, and Lots Excl. Fees that are Costs
 of Property Ownerwship
 M520532 Parking Fees on Out of Town Trips
 M520550 Towing Charges (Excl. Contracted or Pre-Paid)
 M520902 Motorcycle, Motor Scooter, or Moped Rental
 M520905 Motorcycle, Motor Scooter, or Moped Rental on Out-of-Town Trips
 M620113 Membership Fees for Automobile Service Clubs

M620919 Rental of Other Vehicles on Out-of-Town Trips

055. Gasoline and Oil

M470111 Gasoline

M470113 Gasoline on Out-of-Town Trips

M470112 Diesel Fuel

M470211 Motor Oil

M470212 Motor Oil on Out-of-Town Trips

056. Bridge, Tunnel, Ferry, and Road Tolls

M520542 Tolls on Out-of-Town Trips

057. Auto Insurance

M500110 Vehicle Insurance

058. Mass Transit Systems

M530311 Intracity Mass Transit Fares

M530312 Local Transportation (Excl. Taxis) on Out-of-Town Trips

059. Taxicab, Railway, Bus, and Other Travel Expenses

M530210 Intercity Bus Fares on Out-of-Town Trips

M530411 Taxi Fares on Out-of-Town Trips

M530412 Taxi Fares (Not on Trips)

M530510 Intercity Train Fares on Out-of-Town Trips

M530901 Ship Fares on Out-of-Town Trips

060. Airline Fares

M530110 Airline Fares on Out-of-Town Trips

061. Books and Maps

M590220 Books Thru Book Clubs

M590230 Books Not Thru Book Clubs

M660110 School Books, Supplies, and Equipment for College

M660210 School Books, Supplies, and Equipment for Elementary and High School

M660310 Encyclopedia and Other Sets of Reference Books

M660900 School Books, Supplies, and Equipment for Day Care Center, Nursery
School, and Other Schools

062. Magazines, Newspapers, Other Nondurable Toys, etc.

M320310 Plastic Dinnerware

M320903 Fresh Flowers or Potted Plants

M590110 Newspapers (Single Copy and Subscription)

M590111 Newspaper subscriptions

M590112 Newspapers, non-subscriptions

M590210 Magazines and Periodicals (Single Copy and Subscription)

M590211 Magazine subscriptions

M590212 Magazines, non-subscription
M610110 Toys, Games, Hobbies, Tricycles, Battery Powered Riders
M610210 Photographic Film

063. Recreation and Sports Equipment

M310110 Black and White TV, and Combinations of TV with Other Items
M310120 Color TV Console and Combinations TV; Large Screen Color TV
 Projection Equipment; Color Monitor and Other Items
M310130 Color TV (Portable and Table Models)
M310210 VCR, Video Disk Player, Video Camera, and Camcorder
M310220 Video Cassettes, Tapes and Disks (Not Used 80-81)
M310230 TV Computer Games and Computer Game Software (Not Used 80-81)
M310311 Radios
M310312 Phonograph or Record Player
M310313 Tape Recorder and Player
M310320 Sound Components, Component Systems, and Compact Disc Sound Systems
M310330 Other Sound and Video Equipment, Incl. Accessories
M310333 Accessories and other sound equipment
M310334 Satellite Dishes
M310341 Compact Discs, Tapes, Videos, or Records Purchased From A Club
M310342 Compact Discs, Tapes, Videos, or Records Not From A Club (80-81)
M310343 Needles and Styli (80-81)
M450900 New Aircraft (Not On Tape Due To Confidentiality)
M460903 Used Aircraft (Not On Tape Due To Confidentiality)
M520903 Aircraft Rental
M520904 Rental of Non Camper-Type Trailer, Such as for Boat or Cycle
M520906 Aircraft Rental on Out-of-Town Trips
M520907 Rental of Boat or Non Camper-Type Trailer, Such as for Boat or
 Cycle on Out-of-Town Trips
M600110 Outboard Motor
M600121 Boat without Motor or Non Camper-Type Trailer, Such as for Boat or
 Cycle (Net Outlay)
M600122 Trailer-Type or Other Attachable-Type Camper (Net Outlay)
M600132 Boat with Motor (Net Outlay)
M600210 Ping Pong, Pool Tables, Other Similar Recreation Room Items, General
 Sports Equipment, and Health and Exercise Equipment
M600310 Bicycles
M600410 Camping Equipment
M600420 Hunting and Fishing Equipment
M600430 Winter Sports Equipment
M600900 Water and Miscellaneous Sports Equipment
M600901 Water sports equipment
M600902 Other sports equipment
M610120 Playground Equipment
M610130 Musical Instruments, Supplies, and Accessories
M610230 Photographic Equipment

M690110 Computers for Non-Business Use (Not in 90,91,92)
M690111 Computers, Computer Systems, and Related Hardware for Non-Business Use
M690112 Computer Software and Accesories for Non-Business Use
M690220 Calculators
M690230 Typewriters and Other Office Machines for Non-Business Use
(690220 in 80-81)

064. Other Recreation Services

M270310 Community Antenna or Cable TV; Portion of Management Fees for
Utilities in Condos and Coops
M340610 Repair of TV, Radio, and Sound Equip, Excluding Installed in Vehicles
M340902 Rental of Televisions
M340905 Rental of VCR, Radio, and Sound Equipment
M520901 Docking and Landing Fees for Boats and Planes
M610320 Pets, Pet Supplies, and Medicine for Pets
M610900 Recreational Expenses on Out-of-Town Trips
M620110 Country Clubs, Swimming Pools, Fraternal Org. (1980-1991Q2)
M620111 Membership Fees for Country Clubs, Health Clubs, Swimming Pools,
Tennis Clubs, Social or Other Recreational Organizations, Civic,
Service, or Fraternal Organizations
M620121 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
M620122 Fees for Participant Sports on Out-of-Town Trips
M620211 Admission Fees for Entertainment Activities, Including Movie, Theatre,
Concert, Opera, or Musical Series (Single Admission and Season Tickets)
M620212 Entertainment Expenses on Out-of-Town Trips, Including Admissions to
Events, Museums, and Tours
M620221 Admissions to Sporting Events (Single Admission and Season Tickets)
M620222 Admissions to Sporting Events on Out-of-Town Trips
M620310 Fees for Recreational Lessons or Other Instructions
M620330 Film Processing
M620410 Pet Services
M620420 Veterinarian Expenses for Pets
M620902 Rental of Campers and Other Vehicles Out-of-Town Trips (1980-1991Q1)
M620903 Miscellaneous Entertainment Services on Out-of-Town Trips
M620904 Rental and Repair of Musical Instruments, Supplies, and Accessories
M620905 Rental and Repair of Photographic Equipment
M620906 Rental of all Boats and Outboard Motors
M620907 Rental of Campers and Other Recreational Vehicles (Not on Trip)
M620908 Rental and Repair of Sports, Recreation, and Exercise Equipment
M620909 Rental of all Campers on Out of Town Trips
M620912 Rental of Video Cassettes, Tapes, and Discs
M620921 Rental of motorized camper
M620922 Rental of other RV's
M810400 Trip Expenses for Persons Outside the CU

065. Pari-Mutuel Net Receipts

066. Higher Education

M670110 Tuition for College

067. Nursery, Elementary, and Secondary Education

M530902 Private School Bus

M670210 Tuition for Elementary and High School

M670310 Other Expenses for Day Care Centers and Nursery Schools, Including Tuition

068. Other Education Services

M670901 Tuition for Other Schools

M670902 Rental of Books and Equipment, and Other School-Related Expenses

I800840 Contributions to Educational Organizations

069. Religious and Welfare Activities

I800850 Contributions to Political Organizations

I800860 Contributions to Other Organizations

I800820 Contributions to Charities, Such as United Way and Red Cross

I800830 Contributions to Churches or Other Religious Organizations

Wealth Variables

070. Insurance Refunds

I003100 Amount Received in Settlement on Surrender of Insurance Policies

-I910030 Refund From Insurance Policies

071. Interest Paid By Consumers - Vehicles

M510110 Automobile Finance Charges

M510901 Truck or Van Finance Charges

M510902 Motorcycle Finance Charges

M850300 Finance Charges on Other Vehicles

072. Interest Paid By Consumers - Other

M710110 Finance Charges, Excluding Mortgage and Vehicles

073. Rent Received as Pay

M800710 Rent Received as Pay

074. Market Value of Owned Home

M800721 Market Value of Owned Home

075. Rental Equivalence of Owned Home

I910050 Rental Equivalence of Owned Home (through 93Q2)
M910050 Rental Equivalence of Owned Home (93Q3 +)

076. Owned Housing Interest Payments

M220311 Mortgage Interest - Owned Home; Portion of Management Fees for Repayment of Loans in Coops (Non-Vacation)
M220312 Mortgage Interest - Owned Vacation Home; Portion of Management Fees for Repayment of Loans in Vacation Coops
M220313 Interest on Home Equity Loan - Owned Home
M220314 Interest on Home Equity Loan - Owned Vacation Home
M880110 Interest on Line of Credit Home Equity Loan - Owned Home
M880210 Interest on Line of Credit Home Equity Loan - Other Properties
M880310 Interest on Line of Credit Home Equity Loan - Owned Vacation Home

077. Owned Housing Property Taxes

-I910040 Refunds From Property Taxes
M220211 Property Taxes - Owned Home; Management Fees for Property Taxes in Coops (Non-Vacation)
M220212 Property Taxes - Owned Vacation Home; Management Fees for Property Taxes in Vacation Coops

078. Owned Housing Intermediate Goods/Services

M210901 Ground Rent - Owned Home
M210902 Ground Rent - Owned Vacation Home
M230112 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)
M230113 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Plumbing or Water Heating Installations and Repairs - Owned Home; Management Fees for Similar Jobs in Condos and Coops (Non-Vacation)
M230114 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Electrical Work and Heating or Air-Conditioning Jobs (Incl. Service Contracts) - Owned Home; Management Fees for Similar Jobs in Condos and Coops (Non-Vacation)
M230115 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Roofing, Gutters, or Downspouts - Owned Home; Management Fees for Similar Jobs in Condos and Coops (Non-Vacation)
M230116 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Plastering, Paneling, Insulation, Termite and Pest Control (Incl. Service Contracts), Siding, Windows, Screens, Doors, Awnings, Masonry, Brick and Stucco Work, Patios, Walks, Fences, Driveways, Swimming Pools, Finishing Basement or Attic, Remodeling Rooms, and Landscaping
M230118 Built-in Dishwasher, Garbage Disposal, or Range Hood for Jobs Considered Replacement or Maintenance/Repair - Owned Home
M230119 Same as M230112-M230117 - Owned Vacation Home; Vacation Condos and

Coops

- M230122 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Repair or Replacement Hard Surface Flooring for Jobs Considered Replacement or Maintenance/Repair - Owned Home; Management Fees for Similar Jobs in Condos and Coops (Non-Vacation)
- M230123 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Repair or Replacement Hard Surface Flooring for Jobs Considered Replacement or Maintenance/Repair - Owned Vacation Home; Management Fees for Similar Jobs in Vacation Condos and Coops
- M230132 Installed Wall-to-Wall Carpeting (Replacement) Homeowner
- M230142 Service Contract Charges and Cost of Maintenance or Repair for Built-in Dishwasher, Garbage Disposal, or Range Hood - Owned Home and Vacation Home
- M230151 Other repair or maintenance services (owned)
- M230152 Repair and remodeling services (owned vacation)
- M230901 Property Management - Owned Home; Condos and Coops (Non-Vacation)
- M230902 Property Management - Owned Vacation Home; Vacation Condos and Coops
- M240112 Cost of Paint, Wallpaper, and Supplies Purchased for Inside and Outside Painting and Papering for Jobs Considered Replacement or Maintenance/Repair - Owned Home
- M240113 Cost of Paint, Wallpaper, and Supplies Purchased for Inside and Outside Painting and Papering for Jobs Considered Replacement or Maintenance/Repair - Owned Vacation Home
- M240122 Cost of Equipment Purchased for Inside and Outside Painting and Papering for Jobs Considered Replacement or Maintenance/Repair - Owned Home
- M240123 Cost of Equipment Purchased for Inside and Outside Painting and Papering for Jobs Considered Replacement or Maintenance/Repair - Owned Vacation Home
- M240212 Cost of Supplies Purchased for Plastering, Paneling, Siding, Windows, Screens, Doors, Awnings, Patios, Walks, Fences, Driveways, Swimming Pools for Jobs Considered Replacement or Maintenance/Repair - Owned Home
- M240213 Cost of Supplies Purchased for Roofing, Gutters, or Downspouts for Jobs Considered Replacement or Maintenance/Repair - Owned Home
- M240214 Same as M240212-M240213 - Owned Vacation Home
- M240222 Cost of Supplies Purchased for Masonry, Brick or Stucco Work, Patios, Walks, Fences, Driveways, Swimming Pools for Jobs Considered Maintenance/Repair - Owned Home
- M240223 Cost of Supplies Purchased for Masonry, Brick or Stucco Work, Patios, Walks, Fences, Driveways, Swimming Pools for Jobs Considered Maintenance/Repair - Owned Vacation Home
- M240312 Cost of Supplies Purchased for Plumbing or Water Heating Installations and Repairs for Jobs Considered Maintenance/Repair - Owned Home
- M240313 Cost of Supplies Purchased for Plumbing or Water Heating Installations and Repairs for Jobs Considered Maintenance/Repair - Owned Vacation Home

M240322 Cost of Supplies Purchased for Electrical Work, Heating or Air Conditioning Jobs for Jobs Considered Maintenance/Repair - Owned Home
 M240323 Cost of Supplies Purchased for Electrical Work, Heating or Air Conditioning Jobs for Jobs Considered Maintenance/Repair - Owned Vacation Home
 M320162 Non-Installed Wall-to-Wall Carpeting (Replacement) and Carpet Squares - Homeowner
 M320612 Cost of Supplies Purchased for Insulation and Other Improvements/Repairs for Jobs Considered Replacement/Repair; Materials and Supplies not Purchased for any Specific Job - Owned Home
 M320613 Cost of Supplies Purchased for Insulation and Other Improvements/Repairs for Jobs Considered Replacement/Repair - Owned Vacation Home
 M320622 Cost of Supplies Purchased for Repair or Replacement of Hard Surfaced Flooring for Jobs Considered Replacement/Repair - Owned Home
 M320623 Cost of Supplies Purchased for Repair or Replacement of Hard Surfaced Flooring for Jobs Considered Replacement/Repair - Owned Vacation Home
 M320632 Cost of Supplies Purchased for Landscaping for Jobs Considered Maintenance/Repair - Owned Home
 M320633 Cost of Supplies Purchased for Landscaping for Jobs Considered Maintenance/Repair- Owned Vacation Home
 M340911 Management Fees for Security, Incl. Guards and Alarm Systems in Coops and Condos (Non-Vacation)
 M340912 Management Fees for Security, Incl. Guards and Alarm Systems in Coops and Condos (Vacation)
 M790600 Same as 220111, 220121, 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 Maintenance/Repair - Other Properties; Cost of Supplies Purchased for Jobs Considered Maintenance/Repair, Excl. Dwellings and Additions Being Built, and Termite and Pest Control - Other Properties
 M790610 Contractors' Labor and Material Costs, Cost of Supplies Rented or Purchased for Jobs Considered Addition, Alteration or New Construction - Other Properties
 M790620 Management Fees for Capital Improvements - Other Properties
 M790640 Management Fees for Management, Security, and Parking - Other Properties
 M990930 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 - Owned Home
 M990940 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 - Owned Vacation Home
 079. Owned Housing Mortgage Principal
 -M790920 Reduction of Mortgage Principle - Other Properties

- M790940 Reduction of Principal on Lump Sum Home Equity - Other Properties
- M830201 Reduction of Mortgage Principal - Owned Home; Portion of Management Fees for Repayment of Loans in Coops (Non-Vacation)
- M830202 Reduction of Mortgage Principal - Owned Vacation Home; Portion of Management Fees for Repayment of Loans in Vacation Coops
- M830203 Reduction of Principal on Lump Sum Home Equity Loan - Owned Home
- M830204 Reduction of Principal, Lump Sum Home Equity Loan - Owned Vacation Home
- M880120 Reduction of Principal on Line of Credit Home Equity Loan - Owned Home
- M880220 Reduction of Principal on Line of Credit Home Equity Loan - Other Properties
- M880320 Reduction of Principal on Line of Credit Home Equity Loan - Owned Vacation

080. Owned Housing Lump Sum Mortgage Payments

- M790910 Special or Lump-Sum Mortgage Payments - Other Properties
- M830101 Special or Lump-Sum Mortgage Payments - Owned Home
- M830102 Special or Lump-Sum Mortgage Payments - Owned Vacation Home

081. Owned Housing Properties Sold

- M790810 Selling Price or Trade-In Value - Other Properties
- M820101 Selling Price or Trade-In Value - Owned Home
- M820102 Selling Price or Trade-In Value - Owned Vacation Home

082. Owned Housing Properties Purchased

- M790710 Purchase Price of Property Excluding Cost of Common Areas - Other Properties
- M790720 Purchase Price Other Properties Common Areas (1980-1991Q1)
- M810101 Purchase Price of Property Excluding Cost of Common Areas - Owned Home
- M810102 Purchase Price of Property Excluding Cost of Common Areas - Owned Vacation Home
- M810201 Owned Purchase Price for Common Areas (1980-1991Q1)
- M810202 Owned Purchase Price for Common Areas Vacation (1980-1991Q1)

083. Owned Housing, Mortgages Originated

- M790930 Original Mortgage Amount (Mortgage Obtained During Current Quarter's Interview) - Other Properties
- M790950 Original Amount of Lump Sum Home Equity Loan - Other Properties (Loan Obtained During Current Quarter's Interview)
- M830301 Original Mortgage Amount (Mortgage Obtained During Current Quarter's Interview) - Owned Home
- M830302 Original Mortgage Amount (Mortgage Obtained During Current Quarter's Interview) - Owned Vacation Home
- M830303 Original Amount of Lump Sum Home Equity Loan (Loan Obtained During Current Quarter's Interview) - Owned Home
- M830304 Original Amount Lump Sum Home Equity Loan (Loan Obtained During

Current Quarter's Interview) - Owned Vacation Home

084. Owned Housing Mortgage Held By Seller

M790820 Principle Amount of Trust Holding for New Purchaser - Other Properties
M820201 Principle Amount of Trust Holding for New Purchaser - Owned Home
M820202 Principle Amount of Trust Holding for New Purchaser - Owned Vacation Home

085. Owned Housing Transactions Costs

M220321 Penalty Charges on Special or Lump-Sum Mortgage Payment - Owned Home
M220322 Penalty Charges on Special or Lump-Sum Mortgage Payment - Owned Vacation Home
M790730 Closing Costs - Other Properties
M790830 Total Selling Expenses - Other Properties
M790840 Other Selling Charges Other Properties (1980-1991Q1)
M810301 Closing Costs - Owned Home
M810302 Closing Costs - Owned Vacation Home
M820301 Total Selling Expenses - Owned Home
M820302 Total Selling Expenses - Owned Vacation Home
M820401 Other Selling Charges Owned Home (1980-1991Q1)
M820402 Other Selling Charges Owned Vacation (1980-1991Q1)

086. Housing Additions and Alterations

M220511 Non-Installed Wall-to Wall Carpeting (Original), Homeowner
M220512 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
M220513 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 Vacation Home
M220611 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Jobs Considered Addition, Alteration, or New Construction - Owned Home; Management Fees for Capital Improvements in Condos and Coops (Non-Vacation)
M220612 Built-in Dishwasher, Garbage Disposal, or Range Hood for Jobs Considered Addition, Alteration, or New Construction - Owned Home and Vacation Home
M220613 Dishwasher, Disposal, Capital Improvements Owned Vacation (1980-83)
M220614 Installed Wall-to-Wall Carpeting (Original), Homeowner
M220615 Contractors' Labor and Material Costs, and Cost of Supplies Rented for Jobs Considered Addition, Alteration, or New Construction - Owned Vacation Home; Management Fees for Capital Improvements in

Vacation Condos and Coops
M790611 Built-in Dishwasher, Garbage Disposal, or Range Hood for Jobs
Considered Addition, Alteration, or New Construction- Other Properties

087. Checking, Brokerage Accounts
I920020 Market Value of Checking Accounts, Brokerage Accounts and Other
Similar Accounts

088. Change In Checking, Brokerage Accounts
I002020 Change in Checking Account

089. Savings Accounts
I920010 Market Value of Savings Accounts

090. Change in Savings Account
I002010 Change in Savings Account

091. Market Value of Stocks and Bonds
I920030 Market Value of U.S. Savings Bonds
I920040 Market Value of Stocks, Bonds, Mutual Funds, and Other Such Securities

092. Change in Stocks and Bonds
I001000 Purchase Price of Stocks, Bonds, or Mutual Funds Including Broker Fees
I001010 Sale Price of Stocks, Bonds, and Mutual Funds, Net
I002030 Change in Amount Held in U.S. Savings Bonds

093. Amount Borrowed Vehicle Loan
M850200 Amount Borrowed Excluding Interest on Vehicle Loan

094. Trade In Allowance For Vehicles
M450116 Trade-In Allowance For New Cars
M450216 Trade-In Allowance For New Trucks or Vans
M450226 Trade-In Allowance For New Motorcycles, Motor Scooters, or Mopeds
M450312 Trade-In Allowance (Car Lease)
M450412 Trade-In Allowance (Truck/Van Lease)
M460116 Trade-In Allowance For Used Cars
M460907 Trade-In Allowance For Used Trucks or Vans
M460908 Trade-In Allowance For Used Motorcycles, Motor Scooters, or Mopeds
M450906 Trade In Allowance For New Aircraft (Confidentiality)
M460909 Trade In Allowance For Used Aircraft (Confidentiality)
M600127 Trade-In Allowance For Boat Without Motor or Non Camper-Type Trailer,
Such as for Boat or Cycle
M600128 Trade-In Allowance For Trailer-Type or Other Attachable-Type Camper
M600137 Trade-In Allowance For Motorized Camper-Coach or Other Vehicles
M600138 Trade-In Allowance For Boat With Motor
M600143 Trade in allowance, motorized camper
M600144 Trade in allowance, other vehicle

095. Vehicles Sold or Reimbursed

- M860100 Amount Automobile Sold or Reimbursed
- M860200 Amount Truck or Van Sold or Reimbursed
- M860300 Amount Motorized Camper-Coach or Other Vehicle Sold or Reimbursed
- M860301 Amount motorized camper sold or reimbursed
- M860302 Amount other vehicle sold or reimbursed
- M860400 Amount Trailer-Type or Other Attachable-Type Camper Sold or Reimbursed
- M860500 Amount Motorcycle, Motor Scooter, or Moped Sold or Reimbursed
- M860600 Amount Boat With Motor Sold or Reimbursed
- M860700 Amount Boat without Motor or Non Camper-Type Trailer, Such as for
Boat or Cycle Sold or Reimbursed
- M860800 Amount Private Plane Sold or Reimbursed (Confidentiality)

096. Reduction of Principal On Vehicle Loan

- M850100 Reduction of Principal on Vehicle Loan

097. Net Assets Invested in Farm or Business

- I001210 Investments to Farm or Business
- I001220 Assets Taken From Farm and Business

098. Contributions to Private Pensions

- I800931 Payroll Deductions For Private Pensions

099. Contributions to Self Employed Retirement

- I800932 Non-Payroll Deposit to Individual Retirement Plan

100. Change in Money Owed to Consumer Unit

- I003000 Change in Money Owed to CU

101. Amount Owed First Interview

- M006001 Total Amount Owed to Creditors, Second Interview

102. Amount Owed First Interview, Q1 Only

- M006003 Total Amount Owed to Creditors, Second Interview, Asked First
Quarter, Current Year
- M006005 Total Amount Owed to Creditors, Second Interview, Asked First
Quarter, Current Year +1

103. Amount Owed Fifth Interview

- M006002 Total Amount Owed to Creditors, Fifth Interview

104. Amount Owed Fifth Interview, Q1 Only

- M006004 Total Amount Owed to Creditors, Fifth Interview, Asked First Quarter,
Current Year
- M006006 Total Amount Owed to Creditors, Fifth Interview, Asked First Quarter,

Current Year + 1

105. Contributions Paid to Others, With Alimony/Child Support

1800801 Cash Contributions For Support to Persons not in the CU (Includes Alimony, Child Support, and Contributions to College Students)

1800810 Gifts in the Form of Cash, Bonds, or Stocks to Persons not in the CU

106. Contributions Received from Others, With Alimony/Child Support

1900130 Alimony and Child Support (through 93Q2)

1900131 Child Support Payments Received (93Q3 +)

1900132 Other Regular Contributions Received Including Alimony (93Q3 +)

107. Contributions Paid: Measured on MTAB File (Not Used to Compute Savings)

M800800 Cash Gifts and Contributions to Non-Consumer Unit Members (not in 92)

M800803 Money Given to Non-CU Members, Charities, and Other Organizations

M800111 Alimony Monthly (1986+ Only: Assumed in M800800 Pre-1986) (Section 19)

M800121 Child Support Monthly (1986+ Only: Assumed in M800800 Pre-1986) (Section 19)

108. Lump Sum Receipts from Estates, Bequests, Inheritances, Etc.

1910000 Lump Sums From Estates, Trusts, Royalties, Alimony, Child Support, Prizes or Games of Chance or From Persons Outside CU

1910041 Lump Sum Child Support Payments Received (93Q3 +; separate from above)

109. Other Net Cash Inflow

1910010 Money From Sale of Household Furnishings, Equipment, Clothing, Jewelry, Pets or Other Belongings, Excluding the Sale of Vehicles or Property

VI. Cross-Reference of CE/NIA

This cross-reference is used for aligning aggregated CE expenditures to National Income Accounts (NIA) values for each year. Each VAR(109) element is listed followed by the NIA table and line numbers it should match. For example, Wages and Salaries (VAR(1)) should match NIA Table 2.1 line 2 minus Table 2.4 lines 5 and 16 and Table 8.21 line 145.³

1. Wages and Salaries

201002

-204005

-204016

³Note that there have been many changes to the NIPA saving concept in recent years, and this cross-reference reflects the version of the NIA tables as of September 2000. For a useful discussion of how NIA saving measures are constructed and how they relate to the cash-based saving here, see William Gale and John Sabelhaus (1999), "Perspectives on the Household *Brookings Papers on Economic Activity, 1:1999*, pp 181-224.

-821145
 2. Proprietor's Accounting Profit (Before S-Corp Adj)
 201012
 -114015
 -114016
 -821188
 3. Farm Accounting Profit
 201011
 -114012
 -204006
 4. Rental Accounting Profit
 201013
 -114019
 -818004
 5. Dividends Received (Before S-Corp&IRA-Keogh Adj)
 201014
 6. Interest Received(Before IRA-Keogh Adj)
 201015
 -820051
 -826007
 -820030
 7. Government/Private Pensions
 611035
 611045
 8. Social Security Benefits
 312004
 312011
 9. Supplemental Security Income
 312022
 312035
 10. Unemployment Compensation
 201018
 611032
 11. Worker's Comp/Veteran's Benefits
 312013
 312014
 312016
 312029
 12. Public Assistance/Welfare
 312021
 312023
 312028
 312034
 312036
 312037
 13. Scholarships, Foster Children

312041
14. Food Stamp Benefits
312020
15. Deductions For Government Retirement
0
16. Deductions For Railroad Retirement
306029
17. Deductions For Social Security
306022
306028
306030
306031
18. Federal Income Taxes
304003
-312024
19. State and Local Income Taxes
304009
20. Personal Property Taxes
304011
21. Other Taxes
304007
304010
304012
22. Nontaxes
304013
23. Food Off-Premise
204003
-204009
24. Food On-Premise
204004
-204010
25. Food Furnished Employees
821143
26. Tobacco Products
204007
27. Alcohol Off-Premise
204009
28. Alcohol On-Premise
204010
29. Clothing and Shoes
204012
204013
30. Clothing Services
204017
204019
31. Jewelry and Watches

204018
32. Toilet Articles and Preparations
204021
33. Barbershops, Beauty Parlors, Health Clubs
204022
34. Tenant-Occupied Nonfarm Dwellings--Rent
204025
-821145
35. Other Rented Lodging
204027
36. Furniture and Durable Household Equipment
204029
204030
204031
204032
37. Nondurable Household Supplies and Equipment
204033
204034
204035
38. Electricity
204037
39. Gas
204038
40. Water and Other Sanitary Services
204039
41. Fuel Oil and Coal
204040
42. Telephone and Telegraph
204041
43. Domestic Service, Other Household Operation
204042
204043
44. Drug Preparations
204045
45. Ophthalmic Products and Orthopedic Appliances
204046
46. Physicians, Dentists, Other Medical Professionals
+ 47. Hospitals
+ 48. Nursing Homes
+ 49. Health Insurance
204047
204048
204049
204051
204055
204057

306031
-312005
-312015
-312025
-312031
-312038
-611029
50. Business Services
204061
204062
204065
204066
204067
51. Expense of Handling Life and Other Insurance
204064
204058
204059
-611030
52. New and Used Motor Vehicles
204070
204071
204072
53. Tires, Tubes, Accesories, and Other Parts
204073
54. Repair, Greasing, Washing, Parking, Storage, Rental
204074
204075
56. Bridge, Tunnel, Ferry, and Road Tolls
204076
57. Auto Insurance
204077
58. Mass Transit Systems
204079
59. Taxicab, Railway, Bus, and Other Travel Expenses
204080
204082
204083
204085
60. Airline Fares
204084
61. Books and Maps
204087
62. Magazines, Newspapers, Other Nondurable Toys, etc.
204088
204089
204095

63. Recreation and Sports Equipment
204090
204091
64. Other Recreation Services
204094
204096
204100
204101
204103
65. Pari-Mutuel Net Receipts
204102
204105
-312039
-312040
67. Nursery, Elementary, and Secondary Education
204106
68. Other Education Services
204107
69. Religious and Welfare Activities
204108
-821150
70. Insurance Refunds (Negative)
000000
71. Interest Paid By Consumers - Vehicles
+ 72. Interest Paid By Consumers - Other
201028
73. Rent Received as Pay
821145
74. Market Value of Owned Home
000000
75. Rental Equivalence of Owned Home
204024
204026
76. Owned Housing Interest Payments
821119
821120
77. Owned Housing Property Taxes
821122
821123
78. Owned Housing Intermediate Goods/Services
821116
821117
79. Owned Housing Mortgage Principal
000000
80. Owned Housing Lump Sum Mortgage Payments
000000

81. Owned Housing Properties Sold
000000
82. Owned Housing Properties Purchased
506028
506034
506035
506036
508033
83. Owned Housing, Mortgages Originated
000000
84. Owned Housing Mortgage Held By Seller
000000
85. Owned Housing Transactions Costs
000000
86. Housing Additions and Alterations
506033
87. Checking, Brokerage Accounts
000000
88. Change In Checking, Brokerage Accounts
000000
89. Savings Accounts
000000
90. Change in Savings Account
000000
91. Market Value of Stocks and Bonds
000000
92. Change in Stocks and Bonds
000000
93. Amount Borrowed Vehicle Loan
000000
94. Trade In Allowance For Vehicles
000000
95. Vehicles Sold or Reimbursed
000000
96. Reduction of Principle On Vehicle Loan
000000
97. Net Assets Invested in Farm or Business
000000
98. Contributions to Private Pensions
000000
99. Contributions to Self Employed Retirement
000000
100. Change in Money Owed to Consumer Unit
000000
101. Amount Owed First Interview
000000

102. Amount Owed First Interview, Q1 Only
000000
103. Amount Owed Fifth Interview
000000
104. Amount Owed Fifth Interview, Q1 Only
000000
105. Contributions Paid to Others, With Alimony/Child Support
000000
106. Contributions Received from Others, With Alimony/Child Suppo
000000
107. Contributions Paid: Measured on Expenditure File (1982-89 On
000000
108. Lump Sum Receipts from Estates, Bequests, Inheritances, Etc.
000000
109. Other Net Cash Inflow
000000

VII. Record Counts and Attrition Adjustments by Quarter

This section has the dump of output from the program which computes attrition adjustment factors for the family-level extracts. Sample weights for each cohort in the restricted sample are adjusted to match the raw data for that group.

Adjustment Factors and Record Counts for 1980:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.6	2.1	2.3	2.0	2.6	1.8
Homeowner	1.5	1.6	1.7	1.6	1.7	1.6

Record Counts

	Total Cohort	Restricted Sample
Family Records	1747	601
Member Records	4859	1843

Adjustment Factors and Record Counts for 1980:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.9	3.1	2.3	2.0	1.8	1.6
Homeowner	1.5	1.6	2.0	1.5	1.7	1.7

Record Counts

	Total Cohort	Restricted Sample
Family Records	1744	624
Member Records	4663	1865

Adjustment Factors and Record Counts for 1980:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.8	2.5	1.9	1.7	1.7	1.6
Homeowner	1.2	1.6	1.5	1.6	1.6	1.7

Record Counts

Total Cohort Restricted Sample

Family Records	1597	677
Member Records	4521	2070

Adjustment Factors and Record Counts for 1980:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.1	2.2	1.9	2.0	1.5	1.5
Homeowner	2.9	1.3	1.3	1.7	1.6	1.6

Record Counts

Total Cohort Restricted Sample

Family Records	1619	706
Member Records	4390	2082

Adjustment Factors and Record Counts for 1981:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.5	2.4	2.1	2.7	2.1	1.9
Homeowner	2.1	1.8	1.6	1.9	1.8	2.3

Record Counts

Total Cohort Restricted Sample

Family Records	1743	612
Member Records	4672	1843

Adjustment Factors and Record Counts for 1981:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	2.7	2.1	2.2	2.6	2.2	2.0

Homeowner 3.5 1.6 1.7 1.8 2.0 1.9

Record Counts

Total Cohort Restricted Sample

Family Records	1669	616
Member Records	4538	1811

Adjustment Factors and Record Counts for 1981:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	2.8	2.4	1.6	1.9	2.0	1.6
Homeowner	1.3	1.4	1.5	1.7	1.7	1.6

Record Counts

Total Cohort Restricted Sample

Family Records	1491	634
Member Records	4182	1854

Adjustment Factors and Record Counts for 1981:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	6.0	2.6	1.7	2.3	1.8	1.7
Homeowner	1.3	1.3	1.6	1.4	1.7	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1434	617
Member Records	3830	1786

Adjustment Factors and Record Counts for 1982:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.5	2.3	2.3	2.1	1.5	1.5
Homeowner	1.0	1.4	1.4	1.6	1.5	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1557	643
Member Records	4083	1859

Adjustment Factors and Record Counts for 1982:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.9	1.8	2.1	1.7	1.8	1.6
Homeowner	3.0	1.3	1.4	1.7	1.5	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1482	648
Member Records	4017	1867

Adjustment Factors and Record Counts for 1982:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.0	2.1	1.5	1.8	1.9	1.6
Homeowner	1.4	1.3	1.4	1.5	1.5	1.6

Record Counts

	Total Cohort	Restricted Sample
Family Records	1418	664
Member Records	3925	1893

Adjustment Factors and Record Counts for 1982:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.6	1.8	1.8	2.2	1.4	1.5
Homeowner	1.7	1.6	1.4	1.6	1.6	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1516	683
Member Records	4033	1979

Adjustment Factors and Record Counts for 1983:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.8	2.5	1.9	1.9	1.6	1.5
Homeowner	1.2	1.3	1.4	1.4	1.6	1.2

Record Counts

	Total Cohort	Restricted Sample
Family Records	1492	706
Member Records	3928	2049

Adjustment Factors and Record Counts for 1983:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.8	2.2	1.9	2.5	2.4	1.4
Homeowner	3.3	1.6	1.4	1.5	1.8	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1602	669
Member Records	4265	1859

Adjustment Factors and Record Counts for 1983:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.3	2.1	1.9	2.3	1.9	1.4
Homeowner	2.1	1.5	1.4	1.6	1.7	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1655	746
Member Records	4529	2142

Adjustment Factors and Record Counts for 1983:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	12.4	2.0	1.9	2.0	1.8	1.8
Homeowner	1.7	1.8	1.5	1.8	1.5	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1714	712
Member Records	4626	2075

Adjustment Factors and Record Counts for 1984:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.8	2.0	1.9	1.8	1.4	1.3
Homeowner	1.3	1.3	1.4	1.5	1.4	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1673	795
Member Records	4562	2290

Adjustment Factors and Record Counts for 1984:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.4	2.2	2.2	1.8	1.4	1.3
Homeowner	1.4	1.4	1.3	1.3	1.4	1.2

Record Counts

	Total Cohort	Restricted Sample
Family Records	1673	835
Member Records	4598	2443

Adjustment Factors and Record Counts for 1984:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.1	1.9	1.7	2.5	1.4	1.3
Homeowner	4.5	1.3	1.3	1.5	1.4	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1644	837
Member Records	4487	2388

Adjustment Factors and Record Counts for 1984:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.8	2.0	1.7	1.9	1.7	1.3
Homeowner	1.3	1.4	1.3	1.4	1.4	1.3

Record Counts

Total Cohort	Restricted Sample
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Family Records	1681	815
Member Records	4517	2351

Adjustment Factors and Record Counts for 1985:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.3	2.6	1.8	1.6	1.9	1.6
Homeowner	2.0	1.5	1.3	1.4	1.4	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1739	785
Member Records	4746	2283

Adjustment Factors and Record Counts for 1985:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.9	2.1	1.8	1.9	1.6	1.5
Homeowner	1.4	1.4	1.3	1.3	1.4	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1669	789
Member Records	4514	2307

Adjustment Factors and Record Counts for 1986:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.0	3.1	3.0	2.5	2.2	2.2
Homeowner	2.0	2.0	1.8	1.9	1.9	1.9

Record Counts

Total Cohort Restricted Sample

Family Records	1836	584
Member Records	4984	1728

Adjustment Factors and Record Counts for 1986:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.1	2.2	2.1	1.7	1.5	1.5
Homeowner	1.6	1.4	1.3	1.4	1.5	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1908	864
Member Records	5214	2548

Adjustment Factors and Record Counts for 1986:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.4	2.1	2.1	2.1	1.5	1.3
Homeowner	1.5	1.5	1.6	1.5	1.4	1.3

Record Counts

Total Cohort Restricted Sample

Family Records	1894	919
Member Records	5283	2655

Adjustment Factors and Record Counts for 1986:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.8	2.3	2.0	1.5	2.0	1.5
Homeowner	1.6	1.4	1.4	1.4	1.6	1.3

Record Counts

Total Cohort Restricted Sample

Family Records	1837	885
Member Records	5035	2461

Adjustment Factors and Record Counts for 1987:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.4	2.1	2.1	2.3	1.8	1.4
Homeowner	2.3	1.5	1.5	1.5	1.4	1.3

Record Counts

Total Cohort Restricted Sample

Family Records	1913	890
Member Records	5146	2466

Adjustment Factors and Record Counts for 1987:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.9	2.6	2.0	2.4	2.6	1.7
Homeowner	2.7	1.6	1.6	1.7	1.7	1.5

Record Counts

Total Cohort Restricted Sample

Family Records	1879	748
Member Records	5086	2155

Adjustment Factors and Record Counts for 1987:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.6	2.6	2.3	2.4	1.7	1.5

Homeowner 5.1 1.4 1.7 1.8 1.5 1.6

Record Counts

Total Cohort Restricted Sample

Family Records	1841	726
Member Records	5021	1970

Adjustment Factors and Record Counts for 1987:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	6.3	2.9	2.1	2.1	1.3	1.4
Homeowner	1.7	1.7	1.4	1.7	1.6	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1813	741
Member Records	5080	2145

Adjustment Factors and Record Counts for 1988:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	8.4	2.5	2.2	2.0	1.6	1.8
Homeowner	1.5	1.5	1.5	1.4	1.5	1.3

Record Counts

Total Cohort Restricted Sample

Family Records	1756	775
Member Records	4676	2164

Adjustment Factors and Record Counts for 1988:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.2	2.2	1.8	2.1	1.6	1.5
Homeowner	1.5	1.4	1.5	1.5	1.6	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1642	732
Member Records	4469	2061

Adjustment Factors and Record Counts for 1988:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.5	2.2	1.6	1.9	1.5	1.4
Homeowner	2.8	1.6	1.4	1.4	1.4	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1614	834
Member Records	4385	2363

Adjustment Factors and Record Counts for 1988:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	6.6	1.9	1.6	1.9	1.7	1.5
Homeowner	1.5	1.5	1.5	1.5	1.5	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1560	776
Member Records	4299	2140

Adjustment Factors and Record Counts for 1989:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.1	2.6	2.0	1.8	2.0	1.6
Homeowner	5.9	1.5	1.4	1.5	1.4	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1618	755
Member Records	4345	2109

Adjustment Factors and Record Counts for 1989:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.3	2.4	2.1	1.6	1.7	1.4
Homeowner	2.1	1.5	1.4	1.4	1.6	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1609	771
Member Records	4338	2188

Adjustment Factors and Record Counts for 1989:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.5	2.2	2.0	1.9	2.1	1.5
Homeowner	1.6	1.6	1.5	1.4	1.5	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1654	804
Member Records	4532	2300

Adjustment Factors and Record Counts for 1989:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.3	2.3	2.1	1.8	1.7	1.7
Homeowner	2.6	1.5	1.4	1.5	1.6	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1589	749
Member Records	4309	2100

Adjustment Factors and Record Counts for 1990:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.4	2.2	2.3	1.5	1.6	1.7
Homeowner	27.7	1.4	1.5	1.4	1.4	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1678	803
Member Records	4499	2265

Adjustment Factors and Record Counts for 1990:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	11.4	2.3	2.1	1.8	2.1	1.4
Homeowner	3.4	1.3	1.6	1.6	1.6	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1669	758
Member Records	4636	2147

Adjustment Factors and Record Counts for 1990:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.1	2.0	2.0	1.7	1.9	1.7
Homeowner	2.1	1.5	1.5	1.6	1.5	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1586	801
Member Records	4213	2244

Adjustment Factors and Record Counts for 1990:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.3	2.6	1.9	1.8	2.1	1.5
Homeowner	1.4	1.5	1.4	1.6	1.4	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1521	755
Member Records	4148	2132

Adjustment Factors and Record Counts for 1991:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.8	2.2	1.8	1.7	1.5	1.3
Homeowner	2.3	1.3	1.4	1.5	1.4	1.5

Record Counts

Total Cohort	Restricted Sample
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Family Records	1672	815
Member Records	4569	2338

Adjustment Factors and Record Counts for 1991:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.5	2.3	2.1	1.9	1.7	1.5
Homeowner	1.6	1.5	1.4	1.4	1.4	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1586	763
Member Records	4290	2128

Adjustment Factors and Record Counts for 1991:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.7	2.0	1.9	1.7	1.8	1.3
Homeowner	1.2	1.5	1.5	1.5	1.5	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1640	818
Member Records	4327	2258

Adjustment Factors and Record Counts for 1991:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.4	2.2	2.2	2.5	1.3	1.6
Homeowner	1.9	1.3	1.5	1.3	1.6	1.3

Record Counts

Total Cohort Restricted Sample

Family Records	1528	788
Member Records	4088	2180

Adjustment Factors and Record Counts for 1992:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	6.9	2.2	1.8	1.8	1.5	1.4
Homeowner	4.7	1.5	1.4	1.5	1.6	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1696	785
Member Records	4529	2154

Adjustment Factors and Record Counts for 1992:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.7	2.2	1.9	1.6	1.7	1.3
Homeowner	2.2	1.6	1.4	1.5	1.3	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1647	794
Member Records	4405	2178

Adjustment Factors and Record Counts for 1992:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.3	2.4	1.9	2.0	1.6	1.4
Homeowner	4.9	1.5	1.4	1.5	1.5	1.3

Record Counts

Total Cohort Restricted Sample

Family Records	1670	815
Member Records	4540	2226

Adjustment Factors and Record Counts for 1992:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.8	1.8	2.1	1.6	2.0	1.3
Homeowner	3.2	1.7	1.3	1.7	1.5	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1503	765
Member Records	4160	2133

Adjustment Factors and Record Counts for 1993:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.9	2.1	1.8	1.9	1.8	1.5
Homeowner	1.4	1.3	1.5	1.5	1.4	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1691	840
Member Records	4445	2312

Adjustment Factors and Record Counts for 1993:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.8	2.1	2.0	2.0	2.1	1.5

Homeowner 2.1 1.5 1.3 1.3 1.5 1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1646	820
Member Records	4434	2343

Adjustment Factors and Record Counts for 1993:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	3.2	1.7	1.6	1.9	1.6	1.4
Homeowner	2.1	1.5	1.4	1.5	1.5	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1622	836
Member Records	4291	2217

Adjustment Factors and Record Counts for 1993:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	8.7	2.3	2.1	1.9	2.4	1.4
Homeowner	1.3	1.5	1.5	1.3	1.7	1.4

Record Counts

Total Cohort Restricted Sample

Family Records	1603	767
Member Records	4361	2158

Adjustment Factors and Record Counts for 1994:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.6	2.2	2.2	1.9	1.6	1.5
Homeowner	1.2	1.8	1.5	1.5	1.5	1.3

Record Counts

	Total Cohort	Restricted Sample
Family Records	1611	776
Member Records	4431	2131

Adjustment Factors and Record Counts for 1994:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.8	2.5	1.8	1.8	1.8	1.5
Homeowner	2.8	1.7	1.5	1.4	1.5	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1671	757
Member Records	4519	2125

Adjustment Factors and Record Counts for 1994:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	6.5	2.1	2.0	2.0	1.6	1.6
Homeowner	1.6	1.6	1.4	1.6	1.6	1.4

Record Counts

	Total Cohort	Restricted Sample
Family Records	1553	728
Member Records	4224	2057

Adjustment Factors and Record Counts for 1994:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.5	2.3	1.9	1.6	2.3	1.4
Homeowner	4.7	1.7	1.4	1.5	1.5	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1523	738
Member Records	4062	2030

Adjustment Factors and Record Counts for 1995:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.7	2.5	2.2	2.1	2.4	1.5
Homeowner	5.3	2.0	1.7	1.6	1.5	1.6

Record Counts

	Total Cohort	Restricted Sample
Family Records	1652	687
Member Records	4516	1888

Adjustment Factors and Record Counts for 1995:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	4.0	2.9	2.4	2.1	2.1	1.6
Homeowner	2.0	1.8	1.8	1.5	1.8	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1571	666
Member Records	4225	1816

Adjustment Factors and Record Counts for 1996:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	7.1	2.8	2.6	2.8	2.4	3.2
Homeowner	Inf	2.4	2.4	1.9	3.1	1.8

Record Counts

	Total Cohort	Restricted Sample
Family Records	1599	466
Member Records	4317	1298

Adjustment Factors and Record Counts for 1996:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.9	2.6	2.1	2.0	2.4	1.6
Homeowner	1.8	2.1	1.6	1.7	1.8	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1694	703
Member Records	4571	1991

Adjustment Factors and Record Counts for 1996:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.7	2.8	2.2	2.5	2.9	1.8
Homeowner	2.3	1.6	1.7	1.7	1.7	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1766	725
Member Records	4820	2023

Adjustment Factors and Record Counts for 1996:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	8.9	2.5	1.9	2.1	2.6	1.6
Homeowner	2.6	1.7	1.5	1.7	1.8	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1763	758
Member Records	4739	2157

Adjustment Factors and Record Counts for 1997:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	6.3	2.7	2.2	2.0	1.8	1.6
Homeowner	4.6	1.6	1.8	2.0	1.9	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1815	703
Member Records	4872	1973

Adjustment Factors and Record Counts for 1997:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	7.4	3.0	2.1	2.1	2.1	1.5
Homeowner	2.0	2.0	1.6	1.6	1.7	1.5

Record Counts

Total Cohort	Restricted Sample
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Family Records	1764	754
Member Records	4917	2082

Adjustment Factors and Record Counts for 1997:3

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.4	2.5	2.2	2.0	1.7	1.5
Homeowner	2.2	1.7	1.6	1.7	1.8	1.6

Record Counts

	Total Cohort	Restricted Sample
Family Records	1773	752
Member Records	4803	2037

Adjustment Factors and Record Counts for 1997:4

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	7.0	2.8	2.1	2.1	2.1	1.6
Homeowner	3.2	1.6	1.7	1.6	1.6	1.5

Record Counts

	Total Cohort	Restricted Sample
Family Records	1763	750
Member Records	4642	2040

Adjustment Factors and Record Counts for 1998:1

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	7.1	2.4	2.7	2.2	2.1	1.6
Homeowner	2.5	1.7	1.9	1.8	1.7	1.6

Record Counts

Total Cohort Restricted Sample

Family Records	1868	707
Member Records	4833	1855

Adjustment Factors and Record Counts for 1998:2

Attrition Adjustment Factors

	<25	25-34	35-44	45-54	55-64	65+
Renter	5.3	2.4	2.9	1.9	2.7	1.9
Homeowner	2.4	2.0	2.0	1.9	2.0	1.6

Record Counts

Total Cohort Restricted Sample

Family Records	2206	701
Member Records	5828	1898

VIII. Programs Used To Create These Datasets

The Fortran programs used to create the described CE data files, as well as several small input files needed for these programs to run, are also available on the NBER web site. These programs were compiled and executed on a Windows 98 Compaq Fortran 90 compiler; each is a subroutine called by the program cexmain.f90.

Program Files:

Doccex.f90. This program reads the mapping of UCC codes into the 109 income, expenditure and wealth categories (in the text files INC22, Con47, and Oth40), and produces a crosswalk file (CEXUCC) used by subsequent programs.

Cexqtr.f90. This program reads the raw CEX files (MTAByrq, ITAByrq, MEMByrq, and FMLYyrq) and aggregates the expenditure items into the 109 collapsed categories.

Cexfam.f90. This program takes the files created by Cexqtr and creates a unified family record, with expenditures from all quarters aggregated into an annual amount.

create_ffile.F90. This program takes the files created by Cexfam, applies the attrition adjustment factors, and writes out the final ffile and memb files.

Input Files (necessary for processing):

Inc22, Con47, Oth40. Text files which contain the mapping of UCC codes into the 109 income, expenditure and wealth categories, similar to section V of this document.

mapwttv2.txt. Text file that contains a mapping of CE interviews into calendar years.

cextitle Text file containing the titles for the 109 CE expenditure and income categories.