

CPI Requirements of CE

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Consumer expenditure data supplied by the Consumer Expenditure Survey (CE) are a critical component of the Consumer Price Index (CPI). These data are used to estimate weights for the CPI's consumer goods and services classification structure used in calculation of the CPI, often referred to as the 'market basket' of consumer purchases. The primary purpose of this paper is to outline CPI's requirements for and use of CE data for creation of the CPI market basket expenditure weights. Furthermore, this paper outlines additional features that the CPI program would find useful. CPI's current uses and additional features are addressed separately and divided into parallel categories for ease of review. The data outlined in this document should not be construed as changes that CPI is requesting from CE.

CPI Overview

The CPI provides an estimate of the price change of the goods and services that consumers purchase from one period to another. This is accomplished by observing prices for a sample of goods and services that consumers purchase, and then creating aggregate estimates of price change using average expenditure weights from data that CE provides. Conceptually, the CPI is a cost-of-living index that estimates the cost of maintaining a constant standard of living from one period to another. Indexes are published monthly for a variety of categories, ranging from an index for all-items in the United States to more detailed indexes for a broad range of categories of goods and services for metropolitan areas.

CPI Uses of CE Data

In the construction of the CPI, four distinct functional uses of CE data are made, each of which will be explained more fully in the remainder of this paper¹:

1. CPI uses CE data to estimate annualized expenditures, for the total urban population and the urban wage-earner population groups, for the CPI-U and CPI-W price indexes. These expenditure weights are updated biennially.
2. CPI uses CE data to estimate monthly expenditure weights for the urban population to construct the Chained CPI index series (C-CPI-U).
3. CPI uses annualized expenditure estimates from CE data to probabilistically select item categories for pricing.
4. CPI uses annualized expenditure estimates from CE data to allocate expenditure estimates between more broadly defined expenditure categories from other survey sources.

CE provides data elements for 1) expenditures, 2) demographics and, to a limited extent, 3) outlets. These data elements are provided along three dimensions: 1) consumption detail, 2) geography, and 3) periodicity. The quality of CE data is greatly impacted by 1) timeliness and 2) sample size. These data elements (with the exception of outlets) along these dimensions with these quality factors are required for CPI to continue estimation of its indexes without significant methodological change.

¹ Additional information on CPI uses of CE data can be found in "Chapter 17, The Consumer Price Index," BLS Handbook of Methods, on the internet at www.bls.gov/opub/hom/pdf/homch17.pdf

Data Element 1: Expenditure Data

Current Uses

CPI requires that CE collect net out-of-pocket expense to acquire all consumer products and services, within CPI's scope at the appropriate geographic level, item detail, and periodicity. Expenditures are not required at the household level. CPI's expenditure scope is net out-of-pocket-expense for market goods and services, and government-provided goods for which user charges are assessed. Investments like stocks, bonds, real estate, business expenses, and life insurance are considered non-consumption by the CPI and are excluded from CPI indexes; CPI does not require the collection of these expenditures. Illegal goods, gambling winnings and losses, fines, cash gifts, child support, alimony payments, and interest payments are also excluded.

There are several exceptions to the net out-of-pocket expense approach: owned housing, maintenance and repair of owned housing, and major appliances for owned housing are adjusted from net out-of-pocket expense to eliminate investment elements of expenditure on those goods. For consumption expenditures of owned housing, CPI requires collection of the rental value of the home to represent the consumer unit's housing cost. Similarly, CPI requires that housing tenure (renter/owner status and building type) be captured for purchases of appliances and home maintenance and repair in order to separate the consumption components of those expenditures from the investment component. Owner expenditures on major appliances and home maintenance and repair are based on the corresponding mean expenditures of renters and likelihood of renters to purchase those types of appliances and perform those types of home maintenance and repair.

Additional Interests

For research purposes, CPI would prefer to receive expenditure data for each component of the CPI item structure from each household for use in demographic or household indexes. However, the preferred feature of a complete, detailed set of expenditures by household holds less importance than other CPI preferences, particularly outlet-specific data.

Data Element 2: Demographics

Current Uses

The CPI target population is the urban non-institutional population. Therefore, CPI requires that data elements are present to separate non-rural, non-farm, non-military, and non-institutional consumers. CPI must be able to identify households living in urban areas for which a majority of household income is earned in wage-earning or clerical occupations, in order to produce the CPI-W, and households where the head of the household are 62 years of age or older, in order to produce the CPI-E.

Additional Interests

CPI finds additional demographic data particularly useful in constructing experimental indexes and in pursuing other research. Identifying respondents by age, race, gender, occupation(s), income range, education, CU size, and number of children are all variables used either in CPI processing of CE data or are used frequently in research. All of these variables could be useful tools in constructing experimental and research indexes given ample sample size.

Data Element 3: Outlet Data

Current Uses

There are no current requirements for CE to provide CPI with outlet information.

Additional Interests

CPI is interested in exploring the expansion of point of purchase information within the CE survey for the purpose of selecting stores in which CPI collects monthly price information. Point of purchase information would include outlet names and locations for brick and mortar purchases, outlet names for catalog purchases, and web domains for online purchases. These data would replace the Telephone Point of Purchase survey currently used by CPI. This information could be collected for all or a subset of expenditure categories and CPI is interested in exploring ways to reduce the burden of this addition either through sub-sampling in Computer Assisted Personal Interviewing (CAPI) or other means. CPI deems point of purchase information from the CE survey as a high priority for improvements to the survey, both in its current form and in the future redesign.

Auxiliary data attributes provided by CE are described in Appendix A.

Dimension 1: Consumption Detail

Current Uses

Classification detail of goods and services purchased is vital in creating the CPI market basket. CPI divides all in-scope expenditures into 8 Major Groups, 70 Expenditure Classes, and 211

Item Strata. CPI currently uses the Item Strata as the elementary level of its expenditure weights, item sampling, and index calculation. Some examples of Item Strata include bread, coffee, toys, and new cars and trucks. Entry Level Item (ELI) data, one level below the Item Strata, are required for item sample selection for the Item Strata that are heterogeneous (with multiple ELIs), which determines probabilities for how many items CPI prices in each PSU. Of the above examples of Item Strata, only toys and new cars and trucks are multi-ELI Item Strata. ELIs matched to these are recreational toys, games, and hobbies; and video games; new cars and trucks; and new motorcycles. The ELI level is the lowest level of data that CPI requires from CE. A full listing of Item Strata, ELIs, and UCCs can be found in Appendix B.

The reason CPI uses ELIs is that some Item Strata are too broad to select from goods of the same Item Strata in a store. Therefore, the process of item sample selection narrows the range of items that CPI will enter a store to choose to price. Below is an example of the calculation performed during item sample selection, illustrating the need for detail at the ELI level. This example uses the Item Strata Major Appliances (HK01) in the Area of Washington, DC (A312). Through previous calculations, CPI has determined it will price four Major Appliances within this particular store in this sample period. CPI requires ELI level expenditure estimates in order to select probabilities (share of total expenditures by Item Strata in the region) for each of the four ELIs within Major Appliances.

	ELI	TITLE	# Reports (A312)	# Reports (South Region)	Share of Total Expenditures	Selected ELIs
1	HK011	Refrigerators & Freezers	19	401	14.8%	1
2	HK012	Washers & Dryers	34	661	65.9%	2
3	HK013	Ranges & Cooktops	11	215	4.6%	0
4	HK014	Microwave Ovens	14	328	14.7%	1

CPI also requires that the CE definitions of expenditure classifications be sufficiently adaptable to accommodate future changes to the CPI market basket structure and the introduction of new products. CPI periodically changes definitions within Item Strata or ELIs as the market structure changes. CPI requires that CE be able to change its expenditure detail accordingly and provide expenditure estimates based on revised CPI definitions within one calendar year of the change.

Additional Interests

CPI may benefit from CE collecting data at a level lower than ELI in some cases. CPI has a level of detail lower than the ELI called the Cluster. In some cases, having cluster level weights would allow the process of item sample selection, above, to be performed at the cluster level.

The goal of this would be a reduction of burden at outlets.

Dimension 2: Geography

Current Uses

Geographically, CPI requires data collected within each of the 31 self-representing A-sized Index Areas. CPI also requires data collected within at least one PSU from each of the 57 geographic strata that comprise the 7 non-self-representing Index Areas.

Additional Interests

CPI prefers that the CE surveys be administered in a rolling sample of PSUs, synchronized with PSUs being priced by CPI, so expenditure periods for PSUs and Areas correspond to pricing periods in those PSUs and Areas. CPI recommends CE surveys continue to be administered in rural areas for research purposes and production of Harmonized Index of Consumer Prices (HICP) weighted indexes. CPI uses county information by household for some purposes, but does not require sampling at the county level or any location information more specific than PSU.

Dimension 3: Periodicity

Current Uses

CPI requires monthly and annual CPI-U population expenditures and annual CPI-W and CPI-E population expenditures. Annual expenditures are required for the CPI-U population for production of the CPI-U and preliminary versions of the C-CPI-U, and for the CPI-W population for production of the CPI-W. Monthly weights are required for the production of the final

version of the C-CPI-U. CPI would not use any expenditure data at a level more specific than monthly.

Additional Interests

CPI has no additional interests for periodicity of CE data.

Quality 1: Timeliness

Current Uses

September 1 is the deadline for CPI to receive all final expenditure data for the previous calendar year from CE. This allows CPI to process the expenditure data for calculation of January indexes in the following year, published in February. At present, the requisite monthly data for the C-CPI-U are not available until two-years after the required time.

Additional Interests

CPI is interested in CE verifying data on a quarterly basis in order to reduce C-CPI-U final index delays. If CE verified data for expenditure weights on a quarterly basis, CPI estimates a 12 to 14 month reduction in the lag of the publication of final C-CPI-U indexes.

Quality 2: Sample Size

Current Uses

CPI requires sufficient sample to provide one year base period expenditure estimates for each CPI area and population (urban, wage earner, and elderly) with variance equal to or less than current index variance. This requirement is not currently met. As a result, CPI must aggregate CE expenditure estimates over a two year period in order to produce CPI expenditure weights.

	Aggregation Level of 2007-2008 Expenditure Data			
	Item-US-Monthly	Item-Area-Biennial	Item-Area-Annual	Item-Area-Monthly
Cells per Period	211	8018	8018	8018
Number of Periods	24	1	2	12
Number of Expenditure Records per Cell by Percentile				
Minimum	0	0	0	0
10%	26	11	5	0
25%	84	34	17	1
Median 50%	212	99	49	5
75%	576	318	157	16
90%	2379	1221	611	60
Maximum	5923	24354	12399	1266
Percentage of cells with 0 reports	0.41	1.46	2.58	14.92
Percentage of cells with less than 30 reports	11.59	22.26	36.99	83.00

CPI requires that ELIs be selected based on expenditure-based probabilities that are representative at the PSU level. CE does not currently meet this requirement and CPI must aggregate expenditures to the ELI-Region level in order to have a large enough sample for each probability.

Additional Interests

ELI probability selection requires the largest expenditure sample sizes of any of the current CPI production uses because sufficient sample is required at the ELI-PSU level. Additional research may require larger sample sizes in the future based on demographic-based sub-indexes.

Appendix A: Auxiliary Data Attributes

Current Uses

- Data on secondary homes by rent status, vacancy rates, occupancy rates, and location are used in calculation of expenditures on secondary homes. Special adjustments are required to these homes because they cannot always be rented, due to location and demand. For example, CPI would not want to collect the same rental equivalence value year-round for a beach house that has much higher demand, occupancy rates, and rental value during summer months. The above data attributes can be used to estimate more accurate rental values for such homes.
- Medical reimbursements are required for net out-of-pocket expenditure by consumer unit. When consumers pay out-of-pocket for medical goods and services, they are often later reimbursed by medical insurance. CPI requires that CE collect reimbursement data separately from expenditure data for medical goods and services.
- New car expenses must be collected as net out-of-pocket expense but any trade-in value received at the dealer must be added to that expense. Trade-in value and the value of used cars sold by consumers are then deducted from expenditures on used vehicles for that geographic area. This is done so that expenditures on used vehicles reflect only dealer value added. Without subtracting trade-in value from used car sales, CPI would be double-counting the consumption of the vehicle each time it was sold and purchased.

Additional Interests

- Income imputation for determining CPI-U and CPI-W status. (Currently collected)

- Gasoline expenditures collected by grade of fuel. CPI has separate ELIs for regular, mid-grade, premium, diesel, and alternative fuels. (Not currently collected)

Appendix B: CPI Expenditure Classes, Item Strata, Elementary Level Items, and Universal Classification Codes

Note: CPI requires data for each Elementary Level Item, but not for each Universal Classification Code.

Indentations occur in descending order for Expenditure Classes, Item Strata, Elementary Level Items, and Universal Classification Codes as shown:

ZZ Expenditure Class

ZZ01 Item Strata

ZZ011 Elementary Level Item (ELI)
000000 UCC

AA Men's apparel

AA01 Men's suits, sport coats, and outerwear

AA011 MEN'S SUITS
360110 MENS SUITS
AA012 MEN'S SPORT COATS AND TAILORED JACKETS
360120 MENS SPORTCOATS/TAILORED JACKETS
AA013 MEN'S OUTERWEAR
360210 MENS COATS AND JACKETS

AA02 Men's furnishings

AA021 MEN'S UNDERWEAR, HOSIERY AND NIGHTWEAR
360311 MENS UNDERWEAR
360312 MENS HOSIERY
360320 MENS NIGHTWEAR/LOUNGEWEAR
AA022 MEN'S ACCESSORIES
360330 MENS ACCESSORIES
AA023 MEN'S ACTIVE SPORTSWEAR
360350 MENS SWIMSUITS/WARM-UP/SKI SUITS

AA03 Men's shirts and sweaters

AA033 MEN'S SHIRTS, SWEATERS, AND VESTS
360340 MENS SWEATERS AND VESTS
360410 MENS SHIRTS

AA04 Men's pants and shorts

AA041 MEN'S PANTS AND SHORTS
360513 MENS PANTS AND SHORTS

AA09 Unsampled men's apparel

AA090 Unsampled men's apparel
360901 MENS UNIFORMS
360902 MENS COSTUMES

AB Boys' apparel

AB01 Boys' apparel

AB011 BOYS' OUTERWEAR

370110 BOYS COATS AND JACKETS

AB012 BOYS' SHIRTS AND SWEATERS

370120 BOYS SWEATERS

370130 BOYS SHIRTS

AB013 BOYS' UNDERWEAR, NIGHTWEAR, HOSIERY AND ACCESSORIES

370211 BOYS UNDERWEAR

370212 BOYS NIGHTWEAR

370213 BOYS HOSIERY

370220 BOYS ACCESSORIES

AB014 BOYS' SUITS, SPORT COATS, AND PANTS

370311 BOYS SUITS, SPORTCOATS, VESTS

370314 BOYS PANTS AND SHORTS

AB015 BOYS' ACTIVE SPORTSWEAR

370904 BOYS SWIMSUITS/WARM-UP/SKI SUITS

AB09 Unsampled boys' apparel

AB090 Unsampled boys' apparel

370902 BOYS COSTUMES

370903 BOYS UNIFORMS

AC Women's apparel

AC01 Women's outerwear

AC011 WOMEN'S OUTERWEAR

380110 WOMENS COATS AND JACKETS

AC02 Women's dresses

AC021 WOMEN'S DRESSES

380210 WOMENS DRESSES

AC03 Women's suits and separates

AC031 WOMEN'S TOPS

380311 WOMENS SPORTCOATS, TAIL. JKTS

380312 WOMENS VESTS AND SWEATERS

380313 WOMENS SHIRTS, TOPS, BLOUSES

AC032 WOMEN'S SKIRTS, PANTS, AND SHORTS

380320 WOMENS SKIRTS

380333 WOMENS PANTS AND SHORTS

AC033 WOMEN'S SUITS AND SUIT COMPONENTS

380510 WOMENS SUITS

AC04 Women's underwear, nightwear, sportswear and accessories

AC041 WOMEN'S UNDERWEAR AND NIGHTWEAR

380410 WOMENS SLEEPWEAR

380420 WOMENS UNDERGARMENTS

AC042 WOMEN'S HOSIERY AND ACCESSORIES

380430 WOMENS HOSIERY
380901 WOMENS ACCESSORIES
AC043 WOMEN'S ACTIVE SPORTSWEAR
380340 WOMENS SWIMSUITS/WARM-UP/SKI SUIT

AC09 Unsampld women's apparel

AC090 Unsampld women's apparel
380902 WOMENS UNIFORMS
380903 WOMENS COSTUMES

AD Girls' apparel

AD01 Girls' apparel

AD011 GIRLS' OUTERWEAR
390110 GIRLS COATS AND JACKETS
AD012 GIRLS' DRESSES
390120 GIRLS DRESSES, SUITS
AD013 GIRLS' TOPS
390210 GIRLS SHIRTS/BLOUSES/SWEATERS
AD014 GIRLS' SKIRTS AND PANTS
390223 GIRLS SKIRTS, PANTS, AND SHORTS
AD015 GIRLS' ACTIVE SPORTSWEAR
390230 GIRLS SWIMSUITS/WARM-UP/SKI SUITS
AD016 GIRLS' UNDERWEAR, NIGHTWEAR, HOSIERY AND ACCESSORIES
390310 GIRLS UNDERWEAR AND SLEEPWEAR
390321 GIRLS HOSIERY
390322 GIRLS ACCESSORIES

AD09 Unsampld girls' apparel

AD090 Unsampld girls' apparel
390901 GIRLS UNIFORMS
390902 GIRLS COSTUMES

AE Footwear

AE01 Men's footwear

AE011 MEN'S FOOTWEAR
400110 MENS FOOTWEAR

AE02 Boys' and girls' footwear

AE021 BOYS' FOOTWEAR
400210 BOYS FOOTWEAR
AE022 GIRLS' FOOTWEAR
400220 GIRLS FOOTWEAR

AE03 Women's footwear

AE031 WOMEN'S FOOTWEAR
400310 WOMENS FOOTWEAR

AF Infants' and toddlers' apparel

AF01 Infants' and toddlers' apparel

- AF011 INFANTS' & TODDLERS' OUTER/PLAY/DRESS/SLEEP WEAR & ACCESSORIES
 - 410110 INFANT COAT/JACKET/SNOWSUIT
 - 410120 INFANT DRESSES/OUTERWEAR
 - 410140 INFANT NIGHTWEAR/LOUNGEWEAR
 - 410901 INFANTS ACCESSORIES
- AF012 INFANTS' & TODDLERS' UNDERWEAR & DIAPERS
 - 410130 INFANT UNDERGARMENTS

AG Jewelry and watches

AG01 Watches

- AG011 WATCHES
 - 430110 WATCHES

AG02 Jewelry

- AG021 JEWELRY
 - 430120 JEWELRY

EA Educational books and supplies

EA01 Educational books and supplies

- EA011 COLLEGE TEXTBOOKS
 - 660110 SCHOOL BK/SUPL/EQUIP FOR COLLEGE
- EA012 ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES
 - 660210 SCHOOL BK/SUPL/EQUIP FOR ELEM/HS
- EA013 ENCYCLOPEDIAS AND OTHER SETS OF REFERENCE BOOKS
 - 660310 ENCYL. OTH SETS OF REFRNCE BKS

EA09 Unsampled educational books and supplies

- EA090 Unsampled educational books and supplies
 - 660410 SCHOOL BK/SUPL/EQUIP FOR VOC/TECH
 - 660901 SCHOOL BK/SUPPLIES DAY CARE,NURS
 - 660902 SCHOOL BK/SUPPLIES OTHER SCHOOLS

EB Tuition, other school fees, and childcare

EB01 College tuition and fees

- EB011 COLLEGE TUITION AND FIXED FEES
 - 670110 COLLEGE TUITION

EB02 Elementary and high school tuition and fees

- EB021 ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES
 - 670210 ELEM./H.S. TUITION

EB03 Child care and nursery school

- EB031 DAY CARE AND NURSERY SCHOOL
 - 340211 BABYSIT/CHILD CARE OWN HOME
 - 340212 BABYSIT/CHILD CARE OTHER HOME
 - 670310 DAY CARE/NURS/PRSCH EXP INCL TUIT

EB04 Technical and business school tuition and fees

- EB041 TECHNICAL AND BUSINESS SCHOOL TUITION AND FIXED FEES
 - 670901 OTHER SCHOOL TUITION

EB09 Unsampled tuition, other school fees, and childcare

EB090 Unsampled tuition, other school fees, and childcare
670902 OTH SCH EXPENSES INCLUD RENTALS

EC Postage and delivery services

EC01 Postage

EC011 POSTAGE
340110 POSTAGE

EC02 Delivery services

EC021 DELIVERY SERVICES
340120 DELIVERY SERVICES

ED Telephone services

ED03 Cellular telephone services

ED031 WIRELESS PHONE SERVICE
270102 CELLULAR PHONE SERVICE

ED03 Wireless telephone services

ED031 WIRELESS PHONE SERVICE
270102 CELLULAR PHONE SERVICE

ED04 Land-line telephone services

ED041 Telephone services, land line
270101 RESIDENTIAL TELEPHONES/PAY PHONES
270104 PHONE CARDS
270105 VOICE OVER IP SERVICE

EE Information and information processing other than telephone services

EE01 Personal computers and peripheral equipment

EE011 PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT
690111 COMPTER/COMPTER HRDWAR N-BUS USE

EE Information technology, hardware and services

EE01 Personal computers and peripheral equipment

EE011 PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT
690115 PERSONAL DIGITAL ASSISTANTS
690310 INSTALLATION FOR COMPUTERS

EE02 Computer software and accessories

EE021 COMPUTER SOFTWARE AND ACCESSORIES
690112 COMPTER SFTWR/CMPTR ACC N-BUS USE

EE03 Computer information processing services

EE031 INTERNET ACCESS AND OTHER INFORMATION SERVICES
690114 COMPUTER INFORMATION SERVICES

EE03 Internet services and electronic information providers

EE031 INTERNET ACCESS AND OTHER INFORMATION SERVICES
690116 INTERNET SERVICES AWAY FROM HOME

EE04 Other information processing equipment

EE041 TELEPHONES, PERIPHERAL EQUIPMENT AND ACCESSORIES
320232 TELEPHONES AND ACCESSORIES

EE04 Telephone hardware, calculators, and other consumer information items

EE041 TELEPHONES, PERIPHERAL EQUIPMENT AND ACCESSORIES
690210 TELEPHONE ANSWERING DEVICES
EE042 CALCULATORS,TYPEWRITERS,& OTHER INFORMATION PROCESSING
EQUIPMENT

690230 TYPWRITS/OTH OFF MACH NON-BUS USE

EE09 Unsampled information and information processing

EE090

340908 RNTL OFF EQUIP NON-BUS USE

690113 REPAIR-CMPTR,CMPTR SYS N-B

FA Cereals and cereal products (1)

FA01 Flour and prepared flour mixes

FA011 FLOUR AND PREPARED FLOUR MIXES

010110 FLOUR

010120 PREPARED FLOUR MIXES

FA02 Breakfast cereal

FA021 CEREAL

010210 CEREAL

FA03 Rice, pasta, cornmeal

FA031 RICE, PASTA, CORNMEAL

010310 RICE

010320 PASTA CORNMEAL OTH CEREAL PRODS

FB Bakery products (1)

FB01 Bread

FB011 BREAD

020110 WHITE BREAD

020210 BREAD OTHER THAN WHITE

FB02 Fresh biscuits, rolls, muffins

FB021 FRESH BISCUITS, ROLLS, AND MUFFINS

020310 FRESH BISCUITS, ROLLS, MUFFINS

FB03 Cakes, cupcakes, and cookies

FB031 CAKES AND CUPCAKES (EXCLUDING FROZEN)

020410 CAKES AND CUPCAKES

FB032 COOKIES

020510 COOKIES

FB04 Other bakery products

FB041 CRACKERS AND BREAD AND CRACKER PRODUCTS

020610 CRACKERS

020620 BREAD AND CRACKER PRODUCTS

FB042 SWEETROLLS, COFFEE CAKE AND DOUGHNUTS(EXCLUDING FROZEN)

020710 DOUGHNUTS,SWEETROLLS,COFFECAKE

FB043 FROZEN BAKERY PRODUCTS AND FROZEN/REFRIG DOUGHS AND BATTERS

020810 FROZEN & REFRIG. BAKERY PROD.

FB044 PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)

020820 FRESH PIES, TARTS, TURNOVERS

FC Beef and veal (1)

FC01 Uncooked ground beef

FC011 UNCOOKED GROUND BEEF

030110 GROUND BEEF EXCLUDE CANNED

FC02 Uncooked beef roasts

FC021 UNCOOKED BEEF ROASTS

030210 CHUCK ROAST

030310 ROUND ROAST

030410 OTHER ROAST

FC03 Uncooked beef steaks

FC031 UNCOOKED BEEF STEAKS

030510 ROUND STEAK

030610 SIRLOIN STEAK

030710 OTHER STEAK

FC04 Uncooked other beef and veal

FC041 UNCOOKED OTHER BEEF AND VEAL

030810 OTHER BEEF (EXCLUDE CANNED)

FD Pork (1)

FD01 Bacon, breakfast sausage, and related products

FD011 BACON, SAUSAGE AND RELATED PRODUCTS

040110 BACON

040510 PORK SAUSAGE

FD02 Ham

FD021 HAM

040310 HAM (EXCLUDE CANNED)

040610 CANNED HAM

FD03 Pork chops

FD031 PORK CHOPS

040210 PORK CHOPS

FD04 Other pork including roasts and picnics

FD041 OTHER PORK INCLUDING ROASTS AND PICNICS

040410 OTHER PORK

FE Other meats (1)

FE01 Other meats

FE011 FRANKFURTERS

050110 FRANKFURTERS

FE012 LUNCHMEATS

050210 BOLOGNA, LIVERWURST, SALAMI

050310 OTHER LUNCHMEAT

FE013 LAMB, ORGAN MEATS, AND GAME

050410 LAMB AND ORGAN MEATS

050900 MUTTON, GOAT, GAME

FF Poultry (1)

FF01 Chicken

FF011 CHICKEN

060110 FRESH & FROZEN WHOLE CHICKEN

060210 FRESH OR FROZEN CHICKEN PARTS

FF02 Other poultry including turkey

FF021 OTHER POULTRY INCLUDING TURKEY

060310 OTHER POULTRY

FG Fish and seafood (1)

FG01 Fresh fish and seafood

FG011 FRESH FISH AND SEAFOOD

070230 FRESH FISH & SHELLFISH

FG02 Processed fish and seafood

FG021 PROCESSED FISH AND SEAFOOD

070110 CANNED FISH AND SEAFOOD

070240 FROZEN FISH & SHELLFISH

FH Eggs (1)

FH01 Eggs

FH011 EGGS

080110 EGGS

FJ Dairy and related products (1)

FJ01 Milk

FJ011 MILK

090110 FRESH MILK ALL TYPES

FJ02 Cheese and related products

FJ021 CHEESE AND CHEESE PRODUCTS

100210 CHEESE

FJ03 Ice cream and related products

FJ031 ICE CREAM AND RELATED PRODUCTS

100410 ICE CREAM AND RELATED PRODUCTS

FJ04 Other dairy and related products

FJ041 OTHER DAIRY AND RELATED PRODUCTS

090210 CREAM

100510 OTHER DAIRY PRODUCTS

160310 NON-DIARY CREAM SUBSTITUTES

FK Fresh fruits (1)

FK01 Apples

FK011 APPLES

110110 APPLES

FK02 Bananas

FK021 BANANAS

110210 BANANAS

FK03 Citrus fruits

FK031 CITRUS FRUITS
110310 ORANGES
110510 CITRUS FRUITS EXCL. ORANGES

FK04 Other fresh fruits

FK041 OTHER FRESH FRUITS
110410 OTHER FRESH FRUITS

FL Fresh vegetables (1)

FL01 Potatoes

FL011 POTATOES
120110 POTATOES

FL02 Lettuce

FL021 LETTUCE
120210 LETTUCE

FL03 Tomatoes

FL031 TOMATOES
120310 TOMATOES

FL04 Other fresh vegetables

FL041 OTHER FRESH VEGETABLES INCLUDING FRESH HERBS
120410 OTHER FRESH VEGETABLES

FM Processed fruits and vegetables (1)

FM01 Canned fruits and vegetables

FM011 CANNED FRUITS AND VEGETABLES
130310 CANNED FRUITS
140210 CANNED BEANS
140220 CANNED CORN
140230 CANNED VEGETABLES MISC

FM02 Frozen fruits and vegetables

FM021 FROZEN FRUITS AND VEGETABLES
130121 FROZEN FRUITS
140110 FROZEN VEGETABLES

FM03 Other processed fruits and vegetables including dried

FM031 OTHER PROCESSED FRUITS AND VEGETABLES INCLUDING DRIED
130320 DRIED FRUITS
140310 OTHER PROCESSED VEGETABLES
140320 OTHER PEAS
140330 OTHER BEANS
140340 OTHER VEGETABLES MISC

FN Juices and nonalcoholic drinks (1)

FN01 Carbonated drinks

FN011 CARBONATED DRINKS
170110 COLA DRINKS
170210 OTHER CARBONATED DRINKS

FN02 Frozen noncarbonated juices and drinks

FN021 FROZEN NONCARBONATED JUICES AND DRINKS

130110 FROZEN ORANGE JUICE

130122 FROZEN FRUIT JUICES

140410 FROZEN VEGETABLE JUICES

FN03 Nonfrozen noncarbonated juices and drinks

FN031 NONFROZEN NONCARBONATED JUICES AND DRINKS

130211 FRESH FRUIT JUICE

130212 CANNED/BOTTLE FRUIT JUICE

140420 FRESH & CANNED VEGETABLE JUICES

170510 NONCARB FRUT FLAV/LEMADE NONFROZ

170532 BOTTLED WATER

170533 SPORTS DRINKS

FP Beverage materials including coffee (1)

FP01 Coffee

FP011 COFFEE

170310 ROASTED COFFEE

170410 INSTANT/FREEZE DRIED COFFEE

FP02 Other beverage materials including tea

FP021 TEA

170520 TEA

FP022 OTHER BEVERAGE MATERIALS

170531 OTHER NONCARB. BEVERAGES/ICE

FR Sugar and sweets (1)

FR01 Sugar and artificial sweeteners

FR011 SUGAR AND ARTIFICIAL SWEETENERS

150211 SUGAR

150212 ARTIFICIAL SWEETENERS

FR02 Candy and chewing gum

FR021 CANDY AND CHEWING GUM

150110 CANDY AND CHEWING GUM

FR03 Other sweets

FR031 OTHER SWEETS

150310 OTHER SWEETS

FS Fats and oils (1)

FS01 Butter and margarine

FS011 BUTTER AND MARGARINE

100110 BUTTER

160110 MARGARINE

FS02 Salad dressing

FS021 MAYONNAISE, SALAD DRESSING, AND SANDWICH SPREADS

160212 SALAD DRESSINGS

FS03 Other fats and oils including peanut butter

FS031 PEANUT BUTTER

160320 PEANUT BUTTER
FS032 OTHER FATS AND OILS
160211 FATS & OILS

FT Other foods (1)

FT01 Soups

FT011 SOUPS
180110 SOUP

FT02 Frozen and freeze dried prepared foods

FT021 FROZEN AND FREEZE DRIED PREPARED FOODS
180210 FROZEN MEALS
180220 FROZ/PREP. FOOD OTH THAN MEALS

FT03 Snacks

FT031 SNACKS
180310 POTATO CHIPS AND OTHER SNACKS
180320 NUTS

FT04 Spices, seasonings, condiments, sauces

FT041 SALT AND OTHER SEASONINGS AND SPICES
180410 SALT/OTHER SEASONINGS & SPICES
FT042 OLIVES, PICKLES, RELISHES
180420 OLIVES, PICKLES, RELISHES
FT043 SAUCES AND GRAVIES
180510 SAUCES AND GRAVIES
FT044 OTHER CONDIMENTS(EXCLUDING OLIVES, PICKLES, RELISHES)
180520 OTHER CONDIMENTS

FT05 Baby food

FT051 BABY FOOD
180620 BABY FOOD

FT06 Other miscellaneous foods

FT061 PREPARED SALADS
180611 PREPARED SALADS
FT062 OTHER MISCELLANEOUS FOODS
180612 PREPARED DESSERTS
180710 MISC. PREPARED FOODS
180720 VITAMIN SUPPLEMENT

FV Food away from home (1)

FV01 Full service meals and snacks

FV011 FULL SERVICE MEALS AND SNACKS
190112 LUNCH AT FULL SERVICE
190212 DINNER AT FULL SERVICE
190312 SNACKS AT FULL SERVICE
190322 BREAKFAST AT FULL SERVICE

FV02 Limited service meals and snacks

FV021 LIMITED SERVICE MEALS AND SNACKS

190111 LUNCH AT FAST FOOD
190211 DINNER AT FAST FOOD
190311 SNACKS AT FAST FOOD
190321 BREAKFAST AT FAST FOOD

FV03 Food at employee sites and schools

FV031 FOOD AT EMPLOYEE SITES AND SCHOOLS
190114 LUNCH AT EMPLOYER
190214 DINNER AT EMPLOYER
190314 SNACKS AT EMPLOYER
190324 BREAKFAST AT EMPLOYER

FV04 Food from vending machines and mobile vendors

FV041 FOOD FROM VENDING MACHINES AND MOBILE VENDORS
190113 LUNCH AT VENDING MACHINE
190213 DINNER AT VENDING MACHINE
190313 SNACKS AT VEND MACHINE
190323 BREAKFAST AT VENDING MACHINE

FV05 Other food away from home

FV051 BOARD, CATERED EVENTS AND OTHER FOOD AWAY FROM HOME
190901 FOOD OR BOARD WHILE AT SCHOOL
190902 FOOD AND BEV FOR CATERED AFFAIRS
680310 LIVE ENTERNTAIN. FOR CAT AFFAIRS
680320 RENTAL OF PARTY SUPP CAT AFFAIRS
800700 MEALS AS PAY

FW Alcoholic beverages at home (1)

FW01 Beer, ale, and other malt beverages at home

FW011 BEER, ALE AND OTHER MALT BEVERAGES AT HOME
200111 BEER AND ALC AT HOME
200112 NON ALCOHOLIC BEER

FW02 Distilled spirits at home

FW021 DISTILLED SPIRITS AT HOME
200210 WHISKEY AT HOME
200410 OTHER ALCOHOLIC BEV. AT HOME

FW03 Wine at home

FW031 WINE AT HOME
200310 WINE AT HOME

FX Alcoholic beverages away from home (1)

FX01 Alcoholic beverages away from home

FX011 ALCOHOLIC BEVERAGES AWAY FROM HOME
200511 BEER AT FAST FOOD
200512 BEER AT FULL SERVICE
200513 BEER AT VENDING MACHINE
200514 BEER AT EMPLOYER
200515 BEER AT BOARD

200516 BEER AT CATERED AFFAIRS
200521 WINE AT FAST FOOD
200522 WINE AT FULL SERVICE
200523 WINE AT VENDING MACHINE
200524 WINE AT EMPLOYER
200525 WINE AT BOARD
200526 WINE AT CATERED AFFAIRS
200531 ALC. BEV EXC BEER/WINE FAST FD
200532 ALC. BEV EXC B/W FULL SERV
200533 ALC. BEV B/W VEND MACH
200534 ALC BEV EXC B/W AT EMP
200535 ALC BEV EXC B/W AT BOARD
200536 OTH ALC. BEV AWAY FROM HOME

GA Tobacco and smoking products

GA01 Cigarettes

GA011 CIGARETTES
630110 CIGARETTES

GA02 Tobacco products other than cigarettes

GA021 TOBACCO PRODUCTS OTHER THAN CIGARETTES
630210 OTHER TOBACCO PRODUCTS

GA09 Unsampled tobacco and smoking products

GA090 Unsampled tobacco and smoking products
630220 SMOKING ACCESSORIES

GB Personal care products

GB01 Hair, dental, shaving, and miscellaneous personal care products

GB011 PRODUCTS AND NONELECTRIC ARTICLES FOR THE HAIR
640110 HAIR CARE PRODUCTS
640120 NON-ELEC ARTICLES FOR THE HAIR
GB012 DENTAL AND SHAVING PRODUCTS, INCL NONELECTRIC ARTICLES
640210 ORAL HYGIENE PRODUCTS,ARTICLES
640220 SHAVING NEEDS
GB013 DEODORANT/SUNTAN PREPARATIONS, SANITARY/FOOTCARE PRODUCTS
640410 DEOD,FEM HYG, MISC. PERS. CARE
GB014 ELECTRIC PERSONAL CARE APPLIANCES
640420 ELECTRIC PERSONAL CARE APPL.

GB02 Cosmetics, perfume, bath, nail preparations and implements

GB021 COSMETICS/PERFUME/BATH/NAIL PREPARATIONS AND IMPLEMENTS
640310 COSMETICS, PERFUME, BATH PREP

GB09 Unsampled personal care products

GB090 Unsampled personal care products
640130 WIGS AND HAIRPIECES
650900 REPAIR OF PERS. CARE APP.

GC Personal care services

GC01 Haircuts and other personal care services

GC011 HAIRCUTS AND OTHER PERSONAL CARE SERVICES
650310 PERS. CARE SERV.

GD Miscellaneous personal services

GD01 Legal services

GD011 LEGAL SERVICES
680110 LEGAL FEES

GD02 Funeral expenses

GD021 FUNERAL EXPENSES
680140 FUNERAL EXPENSE
680901 CEMETERY LOTS, VAULTS, MAINT FEES

GD03 Laundry and dry cleaning services

GD031 LAUNDRY AND DRY CLEANING SERVICES
340520 HSHLD LNDRY, DRYCLN NOT COIN-OP
340530 COIN-OP HSHLD LNDRY, DRY CLN
440120 COIN-OP APPAREL LDRY/DRY CLNG
440210 APPAREL LNDRY/DRY CLNG N/COIN-OP
440900 CLOTHING STORAGE OUTSIDE THE HOME

GD04 Apparel services other than laundry and dry cleaning

GD041 SHOE REPAIR AND OTHER SHOE SERVICES
440110 SHOE REPAIR, OTH SHOE SERVICE
GD042 CLOTHING, ALTERATIONS, RENTALS AND REPAIRS
440130 ALTER/REPAIR OF APPAREL, ACCESS
440140 CLOTHING RENTAL
GD043 WATCH AND JEWELRY REPAIR
440150 WATCH AND JEWELRY REPAIR

GD05 Financial services

GD051 CHECKING ACCOUNT AND OTHER BANK SERVICES
620112 CREDIT CARD MEMBERSHIPS
680210 SAFE DEPOSIT BOX RENTAL
680220 CHECK ACCTS / OTH BANK SERV CHGS
GD052 TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES
680902 ACCOUNTING FEES

GD09 Unsampled items

GD090 Unsampled items
680903 MISC. PERS. SERVICES
680904 DATING SERVICES

GE Miscellaneous personal goods

GE01 Miscellaneous personal goods

GE011 STATIONERY, STATIONERY SUPPLIES, GIFT WRAP
330410 STATIONERY, GIFTWRAP, ETC.
GE012 LUGGAGE
430130 LUGGAGE

GE013 INFANTS' EQUIPMENT
320130 INFANTS EQUIPMENT

HA Rent of primary residence

HA01 Rent of primary residence

HA011 RENT OF PRIMARY RESIDENCE
210110 RENT OF DWELLING

HB Lodging away from home

HB01 Housing at school, excluding board

HB011 LODGING WHILE AT SCHOOL
210310 HOUSING FOR SOMEONE AT SCHOOL

HB02 Other lodging away from home including hotels and motels

HB021 RENTAL OF LODGING AWAY FROM HOME
210210 LODGING AWAY FROM HOME

HC Owners' equivalent rent of primary residence

HC01 Owners' equivalent rent of primary residence

HC011 OWNERS' EQUIVALENT RENT OF PRIMARY RESIDENCE
910050 RENTAL EQUIVALENCE OF OWNED HOME

HC09 Unsampled owners' equivalent rent of secondary residences

HC090 Unsampled owners' equivalent rent of secondary residences
910101 RENT EQUIV VAC HOME NOT AVAIL RNT
910102 RENT EQUIV VAC HOME AVAIL FOR RNT
910103 RENTAL EQUIVALENCE FOR TIMESHARES

HD Tenants' and household insurance

HD01 Tenants' and household insurance

HD011 TENANTS' AND HOUSEHOLD INSURANCE
220121 HOMEOWNERS INSURANCE OWND (3)
350110 RENTERS INSURANCE

HE Fuel oil and other fuels

HE01 Fuel oil

HE011 FUEL OIL
250111 FUEL OIL RNTR
250112 FUEL OIL OWND
250113 FUEL OIL OWNV
250114 FUEL OIL RNTV

HE02 Other household fuels

HE021 OTHER HOUSEHOLD FUELS
250211 GAS, BOTTLED OR TANK RNTR

HE02 Propane, kerosene, and firewood

HE021 OTHER HOUSEHOLD FUELS
250212 GAS, BOTTLED OR TANK OWND
250213 GAS, BOTTLED OR TANK - OWNV & RVS
250214 GAS, BOTTLED OR TANK RNTV
250911 OTHER FUELS RNTR

250912 OTHER FUELS OWND
250913 OTHER FUELS OWNV
250914 OTHER FUELS RNTV

HF Gas (piped) and electricity

HF01 Electricity

HF011 ELECTRICITY
260111 ELECTRICITY RNTR
260112 ELECTRICITY OWND
260113 ELECTRICITY OWNV
260114 ELECTRICITY RNTV

HF02 Utility (piped) gas service

HF021 UTILITY (PIPED) GAS SERVICE
260212 UTILITY--NATURAL GAS OWND
260213 UTILITY--NATURAL GAS OWNV
260214 UTILITY--NATURAL GAS RNTV

HF02 Utility natural gas service

HF021 UTILITY (PIPED) GAS SERVICE
260211 UTILITY--NATURAL GAS RNTR

HG Water and sewer and trash collection services

HG01 Water and sewerage maintenance

HG011 RESIDENTIAL WATER AND SEWERAGE SERVICE
270211 WATER AND SEWERAGE MAINT RNTR
270212 WATER AND SEWERAGE MAINT OWND
270213 WATER AND SEWERAGE MAINT OWNV
270214 WATER AND SEWERAGE MAINT RNTV

HG02 Garbage and trash collection

HG021 GARBAGE AND TRASH COLLECTION
270411 TRASH/GARBAGE COLLECT RNTR
270412 TRASH/GARBAGE COLLECT OWND
270413 TRASH/GARBAGE COLLECT OWNV
270414 TRASH/GARBAGE COLLECT RNTV

HH Window and floor coverings and other linens

HH01 Floor coverings

HH011 FLOOR COVERINGS
230121 HRD SURFACE FLOOR LABOR/MAT RNTR (4)
230122 HRD SURFACE FLOOR LABOR/MAT OWND (5)
230133 W/W CARPET REPL OWND (5)
230134 W/W CARPET ORIG RNTR
320111 FLOOR COVERINGS (NON-PERM.)
320163 W/W CARPET REPL RNTR (4)
320621 FLR REP/RPL MAT-RNTR/UDR CN/SC HM (4)
320622 FLOOR REPAIR/REPL MATERIALS OWND (5)

HH02 Window coverings

HH021 CURTAINS AND DRAPES
280210 CURTAINS AND DRAPES
HH022 WINDOW COVERINGS
320120 WINDOW COVERINGS

HH03 Other linens

HH031 BATHROOM LINENS
280110 BATHROOM LINENS
HH032 BEDROOM LINENS
280120 BEDROOM LINENS
HH033 KITCHEN AND DINING ROOM LINENS
280130 KITCHEN AND DINING ROOM LINENS
280900 OTHER LINENS

HJ Furniture and bedding

HJ01 Bedroom furniture

HJ011 MATTRESSES AND FOUNDATIONS
290110 MATTRESS AND SPRINGS
HJ012 BEDROOM FURNITURE OTHER THAN MATTRESSES AND SPRINGS
290120 OTHER BEDROOM FURNITURE

HJ02 Living room, kitchen, and dining room furniture

HJ021 SOFAS, SLIPCOVERS, AND DECORATIVE PILLOWS
280220 SLIPCOVERS/DECORATIVE PILLOWS
290210 SOFAS
HJ022 LIVING ROOM CHAIRS
290310 LIVING ROOM CHAIRS
HJ023 LIVING ROOM TABLES
290320 LIVING ROOM TABLES
HJ024 KITCHEN AND DINING ROOM FURNITURE
290410 KITCHEN/DINING ROOM FURNITURE

HJ03 Other furniture

HJ031 INFANTS FURNITURE
290420 INFANTS FURNITURE
HJ032 OUTDOOR FURNITURE
290430 OUTDOOR FURNITURE
HJ033 OCCASIONAL FURNITURE
290440 WALL UNITS, CABINETS, OCCAS FURN

HJ09 Unsampled furniture

HJ090 Unsampled furniture
340904 RENTAL OF FURNITURE

HK Appliances

HK01 Major appliances

HK011 REFRIGERATORS AND FREEZERS
300111 PURCH/INST REFRIG/FREEZER RNTR
300112 PURCH/INST REFRIG/FREEZER OWND (6)

- HK012 WASHERS AND DRYERS
 - 300211 PURCH/INST CLOTHES WASHER RNTR
 - 300212 PURCH/INST CLOTHES WASHER OWND (6)
 - 300221 PURCH/INST CLOTHES DRYER RNTR
 - 300222 PURCH/INST CLOTHES DRYER OWND (6)
- HK013 RANGES AND COOKTOPS
 - 300311 STOVES, OVENS RNTR
 - 300312 STOVES, OVENS OWND (6)
- HK014 MICROWAVE OVENS
 - 300321 MICROWAVE OVENS RNTR
 - 300322 MICROWAVE OVENS OWND

HK02 Other appliances

- HK021 FLOOR CLEANING EQUIPMENT
 - 320511 ELECTRIC FLOOR CLEANING EQUIP
- HK022 SMALL ELECTRIC KITCHEN APPLIANCES
 - 320521 SMALL ELECTRIC KITCHEN APPLIANCES
- HK023 OTHER ELECTRIC APPLIANCES
 - 300411 PURCH/INST WINDOW A/C RNTR (4)
 - 300412 PURCH/INST WINDOW A/C OWND (5)
 - 320522 PORTABLE HEATING/COOLING EQUIP
 - 690241 SMOKE ALARM PUR/RENT RNTR
 - 690242 SMOKE ALARM PUR/RENT OWND
 - 690244 OTH HH APPL RNTR
 - 690245 OTH HH APPL OWND

HK09 Unsampled appliances

- HK090 Unsampled appliances
 - 300331 PURCH/INST PORT DISHWASHER RNTR
 - 300332 PURCH/INST PORT DISHWASHER OWND (6)
 - 340907 RENTAL OF HOUSEHOLD EQUIPMENT

HL Other household equipment and furnishings

HL01 Clocks, lamps, and decorator items

- HL011 LAMPS AND LIGHTING FIXTURES
 - 320220 LAMPS AND LIGHTING FIXTURES
- HL012 HOUSEHOLD DECORATIVE ITEMS AND CLOCKS
 - 320233 CLOCKS AND OTHER HH DECOR ITEMS

HL02 Indoor plants and flowers

- HL021 INDOOR PLANTS AND FRESH CUT FLOWERS
 - 320903 INDOOR PLANTS, FRESH FLOWERS

HL03 Dishes and flatware

- HL031 DISHES
 - 320310 PLASTIC DINNERWARE
 - 320320 CHINA AND OTHER DINNERWARE
 - 320340 GLASSWARE

320350 SILVER SERVING PIECES

320360 OTHER SERVING PIECES

HL032 FLATWARE

320330 FLATWARE

HL04 Nonelectric cookware and tableware

HL041 NONELECTRIC COOKINGWARE

320370 NONELECTRIC COOKWARE

HL042 NONELECTRIC KITCHENWARE

320380 TABLEWARE/NON-ELEC. KITWARE

HM Tools, hardware, outdoor equipment and supplies

HM01 Tools, hardware and supplies

HM011 PAINT, WALLPAPER TOOLS AND SUPPLIES

240111 PAINT/WALLPAPER AND SUPP RNTR (4)

240112 PAINT/WALLPAPER AND SUPP OWND (5)

240121 EQUIP FOR PAINT/WPAPER RNTR (4)

240122 EQUIP FOR PAINT/WPAPER OWND (5)

HM012 POWER TOOLS

320420 POWER TOOLS

HM013 MISCELLANEOUS HARDWARE, SUPPLIES AND EQUIPMENT

320430 OTHER HARDWARE

320611 CONSTRCT MAT-RNTR/UDR CN/SEC HM

320612 CONSTRUCTION MAT OWND

HM014 NONPOWERED HAND TOOLS

320902 HAND TOOLS

HM02 Outdoor equipment and supplies

HM021 LAWN AND GARDEN AND OUTDOOR EQUIPMENT AND GRILLS

320150 BARBEQUE GRILLS AND OUTDOOR EQUIP

320410 LAWN AND GARDEN EQUIPMENT

HM022 LAWN & GARDEN MATERIALS, OTHER DECORATIVE ITEMS & PESTICIDES

330511 MAT FOR TERMTE/PST CNTRL MAINTCE

330610 LAWN AND GARDEN SUPPLIES

HM09 Unsampld tools, hardware, outdoor equipment and supplies

HM090 Unsampld tools, hardware, outdoor equipment and supplies

240211 MAT FOR PANL/ROOF/SIDING,ETC RNTR (4)

240212 MAT FOR PANEL/SIDING, ETC OWND (5)

240221 MAT FOR PATIO,MASONRY,ETC RNTR (4)

240222 MAT FOR PATIO,MASONRY,ETC OWND (5)

240311 PLUMBING SUPP/EQUIP RNTR (4)

240312 PLUMBING SUPP/EQUIP OWND (5)

240321 ELEC SUPP, HEAT/COOL EQUIP RNTR (4)

240322 ELEC SUPP,HEAT/COOL EQUIP OWND (5)

320631 LNDSCPING MAT-RNTR/UDR CN/SC HM (4)

320632 LANDSCAPING MATERIALS OWND (5)

320901 OFFICE FURNITURE HOME USE
320904 CLOSET AND STORAGE ITEMS
320905 MISC. HOUSEHOLD EQUIP/PARTS
340901 RENTAL/REPAIR-TOOLS,LAWN/GARDEN

HN Housekeeping supplies

HN01 Household cleaning products

HN011 LAUNDRY AND CLEANING PRODUCTS
330110 SOAPS AND DETERGENTS
330210 OTHER LAUNDRY /CLEANING PRODS.
HN012 LAUNDRY AND CLEANING EQUIPMENT
320140 LAUNDRY AND CLEANING EQUIP.

HN02 Household paper products

HN021 HOUSEHOLD PAPER PRODUCTS
330310 PAPER TOWELS/NAPKINS/TOILET TI

HN03 Miscellaneous household products

HN031 MISCELLANEOUS HOUSEHOLD PRODUCTS
330510 MISC HOUSEHOLD PRODUCTS

HP Household operations

HP01 Domestic services

HP011 DOMESTIC SERVICES
340310 DOMESTIC SERVICE

HP02 Gardening and lawncare services

HP021 GARDENING AND LAWN CARE SERVICES
340410 GARDENING/LAWN CARE SERVICE

HP03 Moving, storage, freight expense

HP031 MOVING, STORAGE, FREIGHT EXPENSE
340510 MOVING, STORAGE,FREIGHT

HP04 Repair of household items

HP041 APPLIANCE REPAIR
230141 REPAIR-DISPL/DWSHR/RANG HD RNTR (4)
230142 REPAIR-DISPL/DWSHR/RANG HD OWND (5)
340620 REPAIR OF HOUSEHOLD APPLIANCES (4)
HP042 REUPHOLSTERY OF FURNITURE
340630 REUPHOLSTERY OF FURNITURE
HP043 INSIDE HOME MAINTENANCE AND REPAIR SERVICES
230112 PAINTING/PAPERING LABOR/MAT OWND (5)
230117 REPL DISHWASH/DISP/HOOD RNTR (4)
230118 REPL DISHWASH/DISP/HOOD OWND (5)
230150 REP/MAINT LABOR/MAT RNTR (4)

HP09 Unsampled household operations

HP090 Unsampled household operations
270901 SEPTIC TANK CLEANING RNTR (4)
270902 SEPTIC TANK CLEANING OWND (5)

340420 WATER SOFTENING SERVICE
340903 MISC. HOME SERVICES
340911 MNGMT/SPEC SER/SECURITY OWND
340914 SERV FOR TERMT/PST CNTRL (4)

MC Professional services

MC01 Physicians' services

MC011 PHYSICIANS' SERVICES
560110 PHYSICIANS SERVICES (7)
580111 TRD FEE FOR SRV HLTH P (NO BCBS)
580112 TRD FEE FOR SRV HLTH P (BCBS)
580113 PREF PROVIDER HLTH PLN (NO BCBS)
580114 PREF PROVIDER HLTH PLN (BCBS)
580311 HLTH MAINT. ORG (NO BCBS)
580312 HLTH MAINT. ORG (BCBS)
580901 MEDICAL PAYMENTS
580903 COML MEDICARE SUPPLEMNT (NO BCBS)
580904 COML MEDICARE SUPPLEMENT (BCBS)
580905 OTHER HEALTH INSURANCE (NO BCBS)
580906 OTHER HEALTH INSURANCE (BCBS)

MC02 Dental services

MC021 DENTAL SERVICES
560210 DENTAL SERVICES (7)
580111 TRD FEE FOR SRV HLTH P (NO BCBS)
580112 TRD FEE FOR SRV HLTH P (BCBS)
580113 PREF PROVIDER HLTH PLN (NO BCBS)
580114 PREF PROVIDER HLTH PLN (BCBS)
580311 HLTH MAINT. ORG (NO BCBS)
580312 HLTH MAINT. ORG (BCBS)
580901 MEDICARE PAYMENTS
580903 COML MEDICARE SUPPLEMNT (NO BCBS)
580904 COML MEDICARE SUPPLEMENT (BCBS)
580905 OTHER HEALTH INSURANCE (NO BCBS)
580906 OTHER HEALTH INSURANCE (BCBS)

MC03 Eyeglasses and eye care

MC031 EYEGLASSES AND EYECARE
550110 EYEGLASSES AND CONTACT LENSES (7)
560310 EYECARE SERVICES (7)
580111 TRD FEE FOR SRV HLTH P (NO BCBS)
580112 TRD FEE FOR SRV HLTH P (BCBS)
580113 PREF PROVIDER HLTH PLN (NO BCBS)
580114 PREF PROVIDER HLTH PLN (BCBS)
580311 HLTH MAINT. ORG (NO BCBS)
580312 HLTH MAINT. ORG (BCBS)

580901 MEDICARE PAYMENTS
580903 COML MEDICARE SUPPLEMNT (NO BCBS)
580904 COML MEDICARE SUPPLEMENT (BCBS)
580905 OTHER HEALTH INSURANCE (NO BCBS)
580906 OTHER HEALTH INSURANCE (BCBS)

MC04 Services by other medical professionals

MC041 SERVICES BY OTHER MEDICAL PROFESSIONALS

550340 HEARING AIDS (7)
560400 SERV BY PROS OTH THAN PHYSICIANS (7)
580111 TRD FEE FOR SRV HLTH P (NO BCBS)
580112 TRD FEE FOR SRV HLTH P (BCBS)
580113 PREF PROVIDER HLTH PLN (NO BCBS)
580114 PREF PROVIDER HLTH PLN (BCBS)
580311 HLTH MAINT. ORG (NO BCBS)
580312 HLTH MAINT. ORG (BCBS)
580400 LONG TERM CARE INSURANCE
580901 MEDICARE PAYMENTS
580903 COML MEDICARE SUPPLEMNT (NO BCBS)
580904 COML MEDICARE SUPPLEMENT (BCBS)
580905 OTHER HEALTH INSURANCE (NO BCBS)
580906 OTHER HEALTH INSURANCE (BCBS)

MD Hospital and related services

MD01 Hospital services

MD011 HOSPITAL SERVICES

560330 LAB TESTS, X-RAYS (7)
570111 HOSPITAL ROOMS & SERVICES (7)
570230 OTHER MEDICAL CARE SERVICE (7)
580111 TRD FEE FOR SRV HLTH P (NO BCBS)
580112 TRD FEE FOR SRV HLTH P (BCBS)
580113 PREF PROVIDER HLTH PLN (NO BCBS)
580114 PREF PROVIDER HLTH PLN (BCBS)
580311 HLTH MAINT. ORG (NO BCBS)
580312 HLTH MAINT. ORG (BCBS)
580901 MEDICARE AND OTHER
580903 COML MEDICARE SUPPLEMNT (NO BCBS)
580904 COML MEDICARE SUPPLEMENT (BCBS)
580905 OTHER HEALTH INSURANCE (NO BCBS)
580906 OTHER HEALTH INSURANCE (BCBS)

MD02 Nursing homes and adult day services

MD021 NURSING AND CONVALESCENT HOME CARE

580111 TRD FEE FOR SRV HLTH P (NO BCBS)
580112 TRD FEE FOR SRV HLTH P (BCBS)
580113 PREF PROVIDER HLTH PLN (NO BCBS)

580114 PREF PROVIDER HLTH PLN (BCBS)
580311 HLTH MAINT. ORG (NO BCBS)
580312 HLTH MAINT. ORG (BCBS)
580400 LONG TERM CARE INSURANCE
580903 COML MEDICARE SUPPLEMNT (NO BCBS)
580904 COML MEDICARE SUPPLEMENT (BCBS)
580905 OTHER HEALTH INSURANCE (NO BCBS)
580906 OTHER HEALTH INSURANCE (BCBS)
MD022 ADULT DAY CARE
340910 ADULT DAY CARE CENTERS (7)
580400 LONG TERM CARE INSURANCE

MD02 Nursing homes and adult daycare

MD021 NURSING AND CONVALESCENT HOME CARE
570220 CARE IN CONVL OR NURSING HOME (7)

MD03 Care of invalids and elderly at home

MD031 CARE OF INVALIDS,THE ELDERLY, AND CONVALESCENTS IN THE HOME
340906 CARE OF INVALIDS, ELDERLY, ETC
580400 LONG TERM CARE INSURANCE

ME Health insurance

ME01 Comm health ins

ME011 COMM HEALTH INS
580113 PREF PROVIDER HLTH PLN (NO BCBS)
580111 TRD FEE FOR SRV HLTH P (NO BCBS)

ME02 Blue cross/blue shield

ME021 BLUE CROSS/BLUE SHIELD
580906 OTHER HEALTH INSURANCE (BCBS)
580904 COML MEDICARE SUPPLEMENT (BCBS)
580312 HLTH MAINT. ORG (BCBS)
580114 PREF PROVIDER HLTH PLN (BCBS)
580112 TRD FEE FOR SRV HLTH P (BCBS)

ME03 HMO

ME031 HMO - PRESCRIPTION DRUGS
580311 HLTH MAINT. ORG (NO BCBS)

ME04 Medicare and other health insurance

ME041 OTHER HEALTH INS - PRESCRIPTION DRUGS
580400 LONG TERM CARE INSURANCE
580907 MEDICARE PRES. DRUG PREMIUMS
580905 OTHER HEALTH INSURANCE (NO BCBS)
580903 COML MEDICARE SUPPLEMNT (NO BCBS)

MF Medicinal drugs

MF01 Prescription drugs

MF011
580111 TRD FEE FOR SRV HLTH P (NO BCBS)

580112 TRD FEE FOR SRV HLTH P (BCBS)
580113 PREF PROVIDER HLTH PLN (NO BCBS)
580114 PREF PROVIDER HLTH PLN (BCBS)
580311 HLTH MAINT. ORG (NO BCBS)
580312 HLTH MAINT. ORG (BCBS)
580901 MEDICARE PAYMENTS
580903 COML MEDICARE SUPPLEMNT (NO BCBS)
580904 COML MEDICARE SUPPLEMENT (BCBS)
580905 OTHER HEALTH INSURANCE (NO BCBS)
580906 OTHER HEALTH INSURANCE (BCBS)
580907 MEDICARE PRES. DRUG PREMIUMS

MF01 Prescription drugs and medical supplies

MF011

540000 PRESCRIPTION DRUGS (7)

MF02 Nonprescription drugs

MF021

550210 OVER-THE-COUNTER DRUGS

550310 TOPICALS AND DRESSINGS

550410 NONPRESCRIP VITAMINS

MG Medical equipment and supplies

MG01 Medical equipment and supplies

MG011

550310 TOPICALS AND DRESSINGS

MG012

550320 MEDICAL EQUIP. FOR GENERAL USE (7)

MG013

550330 SUPPORTIVE/CONVAL MED. EQUIP. (7)

580901 MEDICARE PAYMENTS

MG09 Unsampld rent or repair of medical equipment

MG090 Unsampld rent or repair of medical equipment

570901 RENTAL OF MEDICAL/SURGICAL EQUIP

570902 REPAIR OF MEDICAL EQUIPMENT

570903 RENTAL OF SUPORTIVE/CONVAL EQUIP (7)

RA Video and audio

RA01 Televisions

RA011 TELEVISIONS

310140 TELEVISIONS

690320 INSTALLATION FOR TVS

RA02 Cable and satellite television and radio service

RA021 CABLE AND SATELLITE TELEVISION AND RADIO SERVICE

270311 SATELLITE RADIO SERVICE

RA02 Cable television

RA021 CABLE AND SATELLITE TELEVISION AND RADIO SERVICE

270310 CABLE/SATELLITE/COM ANTENNA SERV

RA03 Other video equipment

RA031 OTHER VIDEO EQUIPMENT

310210 VCRS/VIDEO DISC PLAYERS

310315 DIGITAL MEDIA PLAYERS & RECORDERS

310334 SATELLITE DISHES

310335 MISC VIDEO EQUIPMENT

480215 VEHICLE VIDEO EQUIPMENT

690330 INSTALLATION SATELLITE TV EQUIP

690350 INSTALL OF OTHER VIDEO/SOUND SYST

RA04 Video cassettes, discs, and other media including rental

RA041 PRERECORDED VIDEO DISCS/DIGITAL FILES/DOWNLOADS AND OTHER MEDIA

310220 VIDEO CASSETTES/TAPES/DISCS

RA04 Video discs and other media, including rental of video and audio

RA041 PRERECORDED VIDEO DISCS/DIGITAL FILES/DOWNLOADS AND OTHER MEDIA

310242 DOWNLOADING VIDEO FILES

RA042 RENTAL OF VIDEO OR AUDIO DISCS AND OTHER MEDIA

310241 STREAMING VIDEO FILES

620912 RNTL VIDEO CASS/TAPES/DISCS/FILMS

RA05 Audio equipment

RA051 AUDIO COMPONENTS,RADIOS,TAPE RECORDERS/PLAYERS, & OTHER EQUIP

310311 RADIOS

310312 PHONOGRAPHS

310313 TAPE RECORDERS AND PLAYERS

310314 DIGITAL AUDIO PLAYERS

310320 COMPONENTS/COMPONENT SYSTEMS

310331 MISC SOUND EQUIPMENT

310332 SOUND EQUIP ACCESSORIES

480214 VEHICLE AUDIO EQUIPMENT

690340 INSTALLATION OF SOUND SYSTEMS

RA06 Audio discs, tapes and other media

RA061 PRERECORDED AUDIO DISCS/TAPES/DIGITAL FILES/DOWNLOADS

310340 RECORDS,CDS,AUDIO TAPES

310350 STREAMING/DOWNLOADING AUDIO

RA09 Unsampled video and audio

RA090 Unsampled video and audio

310900 ACCESS. FOR ELECTRONIC EQUIP.

340610 REPAIR OF TV/RADIO/SOUND EQUIP

340902 RENTAL OF TELEVISIONS

340905 RENTAL OF VCR/RADIO/SOUND EQUIP

RB Pets, pet products and services

RB01 Pets and pet products

RB011 PET FOOD

610310 PET FOOD
RB012 PURCHASE OF PETS, PET SUPPLIES, ACCESSORIES
610320 PET-PURCHASE/SUPPLIES/MEDICINE

RB02 Pet services including veterinary

RB021 PET SERVICES
620410 PET SERVICES
RB022 VETERINARIAN SERVICES
620420 VET SERVICES

RC Sporting goods

RC01 Sports vehicles including bicycles

RC011 OUTBOARD MOTORS AND POWERED SPORTS VEHICLES
600110 OUTBOARD MOTOR
600132 PURCHASE OF BOAT WITH MOTOR
600142 PURCHASE OF OTHER VEHICLE
860302 AMT OTH VEHICLE SOLD/REIMB
860600 AMT BOAT WITH MOTOR SOLD/REIM
RC012 UNPOWERED BOATS AND TRAILERS
600121 BOAT W/O MOTOR/BOAT TRAILERS
600122 TRAIL/OTH ATTACHABLE CAMPERS
RC013 BICYCLES AND ACCESSORIES
600310 BICYCLES

RC02 Sports equipment

RC021 GENERAL SPORTS EQUIPMENT EXCLUDING WATER
600210 GENERAL SPORT/EXCERCISE EQUIP
600430 WINTER SPORT EQUIPMENT
600902 OTHER SPORT EQUIPMENT
RC022 WATER SPORTS EQUIPMENT
600901 WATER SPORT EQUIPMENT
RC023 HUNTING, FISHING, AND CAMPING EQUIPMENT
600410 CAMPING EQUIPMENT
600420 HUNTING, FISHING EQUIPMENT
600903 GLOBAL POSITIONING SYSTEM DEVICES

RC09 Unsampled sporting goods

RC090 Unsampled sporting goods
520907 BOAT/TRAILER RENT OUT OF TOWN
620906 RENTAL OF BOAT
620908 RENT/REPAIR OF MISC SPORTS EQU

RD Photography

RD01 Photographic equipment and supplies

RD011 FILM AND PHOTOGRAPHIC SUPPLIES
610210 FILM
610220 OTHER PHOTOGRAPHIC SUPPLIES
RD012 PHOTOGRAPHIC EQUIPMENT

610230 PHOTOGRAPHIC EQUIPMENT

RD02 Photographers and film processing

RD021 PHOTOGRAPHER'S FEES

620320 PHOTOGRAPHER FEES

RD022 FILM PROCESSING

620330 FILM PROCESSING

RD09 Unsampled photography

RD090

620905 RENT/REP PHOTO EQUIP

RE Other recreational goods

RE01 Toys

RE011 TOYS, GAMES, HOBBIES, AND PLAYGROUND EQUIPMENT

610110 TOYS GAMES ARTS CRAFTS TRICYCLES

610120 PLAYGROUND EQUIPMENT

RE012 VIDEO GAME HARDWARE, SOFTWARE AND ACCESSORIES

310230 VIDEO/COMP GAME HARDWARE/SOFTWARE

RE02 Sewing machines, fabric and supplies

RE021 SEWING ITEMS

280230 SEWING MATERIALS

320512 SEWING MACHINES

420110 MATERIAL FOR MAKING CLOTHES

420120 SEWING NOTIONS, PATTERNS

RE03 Music instruments and accessories

RE031 MUSIC INSTRUMENTS AND ACCESSORIES

610130 MUSIC INSTRUMENTS/ACCESSORIES

RE09 Unsampled recreation commodities

RE090 Unsampled recreation commodities

610901 FIREWORKS

610902 SOUVENIRS

610903 VISUAL GOODS

620904 RENT/REP MUSIC INSTRUMENTS

RF Recreation services

RF01 Club dues and fees for participant sports and group exercises

RF011 CLUB DUES AND FEES FOR PARTICIPANT SPORTS/GROUP EXERCISES

620115 SHOPPING CLUB MEMB FEES

620121 FEES FOR PARTICIPANT SPORTS

620122 PARTIC. SPORTS OUT-OF-TOWN TRI

620930 ONLINE ENTERTAINMENT AND GAMES

680905 VACATION CLUBS

RF01 Club membership dues and fees for participant sports

RF011 CLUB DUES AND FEES FOR PARTICIPANT SPORTS/GROUP EXERCISES

620111 SOCIAL/RECRE/CIVIC CLUB MEMBRSHIP

RF02 Admissions

RF021 ADMISSION TO MOVIES, THEATERS, CONCERTS & OTHER RECURRING EVENTS

620211 MOVIE, THEATER, OPERA, BALLET

620212 MOVIE, OTH ADM. OUT-OF-TOWN

620510 ADMISSIONS MISC

RF022 ADMISSION TO SPORTING EVENTS

620221 ADMISSION TO SPORTING EVENTS

620222 ADM TO SPRTS EVENTS OUT-OF-TOW

RF03 Fees for lessons or instructions

RF031 FEES FOR LESSONS OR INSTRUCTIONS

620310 FEES FOR RECREATIONAL LESSONS

RF09 Unsampled recreation services

RF090 Unsampled recreation services

620610 MISC. ENTERTAINMENT SERVICES

620710 CAMP FEES

620810 REN/REP SP/PHOT/EQUP/PASSP

620903 OTH ENT SERV, OUT-OF-TOWN TRIP

620913 PINBALL/ELECTRONIC VIDEO GAMES

620915 SPORT VEH RENTAL

RG Recreational reading materials

RG01 Newspapers and magazines

RG011 SINGLE COPY NEWSPAPERS AND MAGAZINES

590410 MAGAZINE/NEWSPAPER SINGLE COPY

RG012 SUBSCRIPTIONS TO NEWSPAPERS AND MAGAZINES

590310 MAGAZINE/NEWSPAPER SUBSCRIPTION

RG02 Recreational books

RG021 BOOKS PURCHASED THROUGH BOOK CLUBS

590220 BOOKS THRU BOOK CLUBS

RG022 BOOKS PURCHASED AT RETAIL OUTLETS OTHER THAN BOOK CLUBS

590230 BOOKS NOT THRU BOOK CLUBS

RG09 Unsampled recreational reading materials

RG090 Unsampled recreational reading materials

590900 NEWSLETTERS

TA New and used motor vehicles

TA01 New vehicles

TA011 NEW CAR AND TRUCK PURCHASE

450110 NEW CARS

450116 TRADE-IN ALLOWANCE/NEW CARS

450210 NEW TRUCKS

450216 TRADE-IN ALLOW/NEW TRUCKS

TA012 NEW MOTORCYCLES

450220 NEW MOTORCYCLES

450226 TRADE-IN ALLOW/NEW MOTORCYCLES

TA02 Used cars and trucks

- TA021 USED CARS AND TRUCKS
 - 450116 TRADE-IN ALLOWANCE/NEW CARS
 - 450216 TRADE-IN ALLOW/NEW TRUCKS
 - 460110 USED CARS
 - 460901 USED TRUCKS
 - 860100 AMT AUTO SOLD OR REIMBURSED
 - 860200 AMT TRUCK SOLD OR REIMBURSED

TA03 Leased cars and trucks

- TA031 VEHICLE LEASING
 - 450310 CAR LEASE PAYMENTS
 - 450312 TRADE-IN ALLOWANCE/CAR LEASE
 - 450313 CASH DOWNPAYMENT/CAR LEASE
 - 450314 TERMINATION FEE/CAR LEASE
 - 450410 TRUCK LEASE PAYMENTS
 - 450412 TRADE-IN ALLOWANCE/TRUCK LEASE
 - 450413 CASH DOWNPAYMENT/TRUCK LEASE
 - 450414 TERMINATION FEE/TRUCK LEASE

TA04 Car and truck rental

- TA041 AUTOMOBILE AND TRUCK RENTAL
 - 520511 AUTO RENTAL
 - 520512 AUTO RENTAL, OUT-OF-TOWN TRIPS
 - 520521 TRUCK RENTAL
 - 520522 TRUCK RENTAL, OUT-OF-TOWN TRIP

TA09 Unsampled new and used motor vehicles

- TA090 Unsampled new and used motor vehicles
 - 450226 TRADE-IN ALLOW/NEW MOTORCYCLES
 - 450900 AIRCRAFT
 - 450906 TRADE-IN ALLOW/NEW AIRPLANES
 - 460902 USED MOTORCYCLES
 - 460903 USED AIRCRAFT
 - 520902 MOTORCYCLE RENTAL
 - 520903 AIRCRAFT RENTAL
 - 520904 RENTAL NON-CAMPER TRAILER
 - 520905 MOTORCYCLE RENTAL OUT-OF-TOWN
 - 520906 AIRCRAFT RENTAL/OUT-OF-TOWN TR
 - 600141 PURCHASE OF MOTOR HOME
 - 620909 RENTAL CAMPER ON TRIPS
 - 620919 RENTAL OTHER VEHICLES ON TRIPS
 - 620921 RENTAL OF MOTOR HOME
 - 620922 RENTAL OF OTHER RVS
 - 860301 AMT MOTOR HOME SOLD/REIMB
 - 860500 AMT MOTORCYCLE SOLD/REIM

860800 AMT PLANE SOLD/REIM

TB Motor fuel (8)

TB01 Gasoline (all types)

- TB011 REGULAR UNLEADED GASOLINE
 - 470111 GASOLINE
 - 470112 DIESEL FUEL
 - 470113 GASOLINE ON OUT OF TOWN TRIPS
 - 470114 GASAHOL
- TB012 MID-GRADE UNLEADED GASOLINE
 - 470111 GASOLINE
 - 470112 DIESEL FUEL
 - 470113 GASOLINE ON OUT OF TOWN TRIPS
 - 470114 GASAHOL
- TB013 PREMIUM UNLEADED GASOLINE
 - 470111 GASOLINE
 - 470112 DIESEL FUEL
 - 470113 GASOLINE ON OUT OF TOWN TRIPS
 - 470114 GASAHOL

TB02 Other motor fuels

- TB021 AUTOMOTIVE DIESEL FUEL
 - 470111 GASOLINE
 - 470112 DIESEL FUEL
 - 470113 GASOLINE ON OUT OF TOWN TRIPS
 - 470114 GASAHOL
- TB022 ALTERNATIVE MOTOR FUELS
 - 470111 GASOLINE
 - 470112 DIESEL FUEL
 - 470113 GASOLINE ON OUT OF TOWN TRIPS
 - 470114 GASAHOL

TC Motor vehicle parts and equipment

TC01 Tires

- TC011 TIRES
 - 480110 TIRES PURCHASED/REPLACED/INSTALL

TC02 Vehicle accessories other than tires

- TC021 VEHICLE PARTS AND EQUIPMENT OTHER THAN TIRES
 - 480212 VEHICLE PRODUCTS & SERVICES
 - 480213 PARTS/EQUIP/ACCESSORIES
- TC022 MOTOR OIL, COOLANT AND FLUIDS
 - 470211 MOTOROIL
 - 470212 MOTOR OIL ON OUT OF TOWN TRIPS
 - 470220 COOLANT/ADDITIVES/BRK/TRNS FLD

TD Motor vehicle maintenance and repair

TD01 Motor vehicle body work

TD011 MOTOR VEHICLE BODY WORK
490110 BODY WORK AND PAINTING

TD02 Motor vehicle maintenance and servicing

TD021 MOTOR VEHICLE MAINTENANCE AND SERVICING
490311 MOTOR TUNE-UP
490312 LUBE, OIL CHANGE AND OIL FILTERS
490313 FRNT END ALIGN, WHEEL BAL/ROTAT
490314 SHOCK ABSORBER REPLACEMENT
490318 TIRE REPAIR AND OTH REPAIR WORK
520410 VEHICLE INSPECTION
520550 TOWING CHARGES

TD03 Motor vehicle repair

TD031 MOTOR VEHICLE REPAIR
490211 CLUTCH, TRANSMISSION REPAIR
490212 DRIVE SHAFT AND REAR-END REPAIR
490221 BRAKE WORK
490231 REPAIR TO STEERING OR FRONT END
490232 REPAIR TO ENGINE COOLING SYSTEM
490319 VEHICLE AIR CONDITION REPAIR
490411 EXHAUST SYSTEM REPAIR
490412 ELECTRICAL SYSTEM REPAIR
490413 MOTOR REPAIR/REPLACEMENT

TD09 Unsampled service policies

TD090 Unsampled service policies
490900 AUTO REPAIR SERVICE POLICY

TE Motor vehicle insurance

TE01 Motor vehicle insurance

TE011 MOTOR VEHICLE INSURANCE
500110 VEHICLE INSURANCE

TF Motor vehicle fees

TF01 State and local registration and license

TF011 STATE VEHICLE REGISTRATION AND DRIVER'S LICENSE
520111 VEHICLE REGISTRATION STATE

TF01 State motor vehicle registration and license fees

TF011 STATE VEHICLE REGISTRATION AND DRIVER'S LICENSE
520112 VEHICLE REGISTRATION LOCAL
520310 DRIVERS LICENSE
950022 PERSONAL PROPERTY TAXES

TF03 Parking and other fees

TF031 PARKING FEES AND TOLLS
520531 PRKNG FEE IN HME CITY EXCL RSDNC
520532 PARKING FEES, OUT-OF-TOWN TRIP
520541 TOLLS OR ELECTRONIC TOLL PASSES

520542 TOLLS ON OUT-OF-TOWN TRIPS
TF032 AUTOMOBILE SERVICE CLUBS
520560 GLOBAL POSITIONING SERVICES
620113 AUTOMOBILE SERVICE CLUBS

TF09 Unsampld motor vehicle fees

TF090 Unsampld motor vehicle fees
520901 DOCKING/LANDING FEES

TG Public transportation

TG01 Airline fare

TG011 AIRLINE FARES
530110 AIRLINE FARES

TG02 Other intercity transportation

TG021 INTERCITY BUS FARES
530210 INTERCITY BUS FARES
TG022 INTERCITY TRAIN FARES
530510 INTERCITY TRAIN FARES
TG023 SHIP FARES
530901 SHIP FARES

TG03 Intracity transportation

TG031 INTRACITY MASS TRANSIT
530311 INTRACITY MASS TRANSIT FARES
530312 LOCAL TRANS. OUT OF TOWN TRIPS
TG032 TAXI FARES
530411 TAXI FARES ON TRIPS
530412 TAXI FARES AND LIMOUSINE SERVICE
TG033 CAR AND VAN POOLS
530903 CAR/VAN POOL & NON-MOTOR TRANS

TG09 Unsampld public transportation

TG090 Unsampld public transportation
530902 SCHOOL BUS

Notes

- 1 CE collects food at home while on vacation expenditures as a separate category. For CPI use, these expenditures are allocated across all food expenditure classes.
- 2 In order to price the rental equivalence of secondary homes and timeshares, CPI uses a factor to account for the consumption portion of a homeowner's total expenditure. The factor is variable based on the type of ownership situation.
- 3 It is required that CPI reduce the homeowners insurance weight to reflect only the renter's part of the owner's expenditure. The factor applied is 43%.
- 4 Renter UCCs are paired with homeowner UCCs for calculation of rental equivalence adjustments.
- 5 Maintenance to one's home can be considered an investment. For this reason, an allocation factor is applied to remove investment expense from the total consumption expenditure.
- 6 The purchase of an appliance serves in many cases as an investment in the owner's home. For this reason an adjustment must be made so that CPI only accounts for the consumption portion (or renter's part) of the total expenditure.
- 7 Medical reimbursements are allocated across all families. This is done in order to smooth the expenditure data because a family may be reimbursed during a period in which they had no medical expenses.
- 8 Gasoline expenditures are not allocated into categories (regular, premium, diesel, etc.) at collection. This allocation distributes total gasoline expenditures (UCC 470111) amongst the gasoline ELIs by expenditure habits in each PSU.

CPI Requirements of CE. William Casey June 17, 2010. Consumer expenditure data supplied by the Consumer Expenditure Survey (CE) are a critical component of the Consumer Price Index (CPI). These data are used to estimate weights for the CPI's consumer goods and services classification structure used in calculation of the CPI, often referred to as the "market basket" of consumer purchases. The primary purpose of this paper is to outline the requirements for and use of CE data for creation of the CPI market basket expenditure weights. Furthermore, this paper outlines additional features that the System Requirements for Dynamics 365 Business Central 2020 Release Wave 1. 04/01/2021. 9 minutes to read. The following sections list the minimum hardware and software requirements to use or connect to Business Central online, and to install and run Business Central on-premises (version 16). Minimum means that later versions (such as SP1, SP2, or R2 versions) of a required software product are also supported. Note. Business Central Setup installs some software if it's not already present in the target computer. The power of the central processing unit (CPU) is a fundamental system requirement for any software. Most software running on x86 architecture define processing power as the model and the clock speed of the CPU. Many other features of a CPU that influence its speed and power, like bus speed, cache, and MIPS are often ignored. This definition of power is often erroneous, as AMD Athlon and Intel Pentium CPUs at similar clock speed often have different throughput speeds. Intel Pentium CPUs have enjoyed a considerable degree of popularity, and are often mentioned in this category.[citation needed] The Consumer Price Index (CPI) is a measure that examines the weighted average of prices of a basket of consumer goods and services, such as transportation, food, and medical care. It is calculated by taking price changes for each item in the predetermined basket of goods and averaging them. Changes in the CPI are used to assess price changes associated with the cost of living. The CPI is one of the most frequently used statistics for identifying periods of inflation or deflation. Key Takeaways. The Consumer Price Index measures the average change in prices over time that consumers pay for a b CPU or Central Processing Unit is the brain of Computer that handles all the instructions and performs arithmetic, logical and basic Input/output operations. It is the processor that determines the speed of a Computer system, with higher the processor speed the performance gradually increases. The speed of processor is measured in MHz (Mega Hertz) and GHz (Giga Hertz) i.e. the number of instructions per second. CPU Computer Processors Overview: The CPU or processor is an essential part of a Computer system that carries out all the operations and functions of a program. It is also known as the