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Food Spending in American Households, 1997-98

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Abstract

Average yearly expenditures on food in urban households remained constant between 1997 and 1998. In 1998, the typical household spent \$1,773 per person versus \$1,767 the previous year. Of this amount, \$1,094 was spent on food consumed at home and \$679 on food consumed away from home. In 1997, slightly more was spent on food at home, \$1,126, and slightly less on food consumed away from home, \$641. Detailed tabulations are presented for 133 food categories and 10 household socioeconomic characteristics for 1997 and 1998. The data are from the Consumer Expenditure Diary Surveys prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

Keywords: Food expenditures, BLS Consumer Expenditure Diary Survey, socioeconomic characteristics.

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Introduction

This bulletin continues the tradition of publishing food expenditures by urban American households at periodic intervals. Bulletins were previously published by the U.S. Department of Agriculture (USDA) in 1985, 1987, 1990, and 1992. Like the earlier reports, this report presents data on food expenditures by selected demographic and socioeconomic characteristics. Unlike the earlier reports, this report does not report indices for either prices or quantities.

Using the per person food spending information in this report, one can determine the similarities and disparities in the spending habits of households of differing sizes, races, incomes, geographic areas, and other socioeconomic and demographic features. This information is valuable for assessing existing market conditions, product distribution patterns,

consumer buying habits, and consumer living conditions. Combined with demographic and income projections, this information may be used to anticipate consumption trends. The information may also be used to develop typical market baskets of food for special population groups, such as the elderly. These market baskets may, in turn, be used to develop price indices tailored to the consumption patterns of these population groups.

These tabulations are based on data from the Continuing Expenditure Survey (CES) conducted by the Bureau of Labor Statistics (BLS), U.S. Department of Labor. Our tabulations provide more food item detail than is available in BLS publications or news releases. The CES contains the most recent and comprehensive data available on food spending by American households.

Highlights

Average yearly per capita expenditures on food in urban households remained constant between 1997 and 1998. In 1997, the average household spent \$1,767 per person, compared with \$1,773 the following year. Of this amount, \$1,126 was spent on food consumed at home and \$641 on food consumed away from home in 1997. In 1998, slightly less was spent on food at home (\$1,094) and slightly more on food consumed away from home (\$679).

Other highlights include:

Household size—In 1998, one-person households spent more than twice as much per person on food as households of six or more persons, \$2,485 versus \$1,106. One-person households also spent a much larger share of their food budget on food consumed away from home than households with six or more people, 45 percent versus 27 percent.

Income—Average per person food spending increased with household income. In 1998, households in the lowest 20 percent of the income distribution spent \$1,437 per person on food compared with \$2,422 per person for the wealthiest 20 percent. Wealthier households tended to spend more than other households did for both food at home and food away from home, and to spend a larger share of their food budget than other households on food consumed away from home.

The share of the food budget spent on food consumed away from home varied from 32 percent for the poorest group to 44 percent for the wealthiest.

Race—In 1998 black households spent about 29 percent less per person on food than did white households. In 1998, average yearly food spending in white households was \$1,855 per person, compared with \$1,308 per person for black households and \$1,754 per person for households of other races. White households spent a larger share on food consumed away from home than did blacks, 39 versus 34 percent.

Age—Per person food spending increased with the age of the household head up to age 64 and then declined. Households headed by someone age 55 to 64 also spent the most per person on food consumed away from home. Households headed by someone less than 25 spent more per person on food consumed away from home than did households headed by someone age 25-44.

Region—Households in the Northeast spent the most on total food per person, while those in the South spent the least. In 1998, households in the Northeast spent a total of \$1,940 per person on food, of which \$759 was for food consumed away from home. In contrast, households in the South spent a total of \$1,684 per person on food, of which \$646 was for food consumed away from home.

Consumer Expenditure Survey¹

The CES evolved from consumer expenditure surveys of American households that BLS has conducted at about 10-year intervals since 1888. A major objective of the first consumer expenditure surveys was to collect information necessary to construct the old Cost-of-Living indices, the predecessor of the current Consumer Price indices. Rapidly changing economic conditions of the 1970s proved the decennial surveys inadequate. BLS initiated a continuing survey of consumer expenditures in late 1979 and expanded the objectives to include a continuous flow of information on the buying habits of Americans not only for use in revising the Consumer Price Index (CPI) but also for use in a variety of research by government, business, labor, and academic analysts.

The CES features two components, each with its own questionnaire and sample: (1) a quarterly interview panel survey in which each of approximately 5,000 households is surveyed every 3 months over a 1-year period, and (2) a weekly Diary Survey of approximately the same sample size in which households keep an expenditure diary for two consecutive 1-week periods. The survey presents data by consumer unit rather than household. However, unless specified otherwise, this report calculates per capita expenditures for the consumer unit. This practice may result in discrepancies between expenditures in this report and those reported by BLS. See the Definitions section for a detailed explanation of the differences.

The interview panel survey obtains data on large and infrequent expenditures, such as for real property, automobiles, and major appliances, and regularly occurring expenditures, such as rent, utilities, and insurance premiums. Personal expenditures, including those for food on trips, are also included.

Typically, respondents can recall these expenditures over a 3-month period.

The diary survey obtains data on small, frequently purchased items that are normally difficult to recall, including food and beverages, tobacco, housekeeping supplies, non-prescription drugs, personal care products and services, fuels, and utilities. This diary survey excludes expenditures incurred while respondents are away from home overnight or longer.

Several features of the 1980-98 surveys differ from the surveys BLS conducted for 1960-61 and 1972-73. First, only the urban population is continuously represented in the CES. Rural sampling units were dropped from the sample during 1981-83 due to budget limitations, but were reinstated in 1984. To maintain comparability with previously published surveys only the urban sampling data are used for most tables contained in this report.

However, tables 12 and 23 contain expenditures of both urban and rural households for 1997 and 1998. Second, the CES sample size is approximately half that of the previous two surveys, so the estimates are subject to greater sampling error. Third, the collection of information on expenditures by college students has changed. Since 1980, students living in college or university housing have been sampled directly, while in the 1972-73 CES, this group's expenditures were reported by their parents or guardians. Last, recent surveys define the "head" of a consumer unit using the term "householder" or "reference person," who is the first member of the household mentioned by the respondent as an owner (or renter) of the premises at the time of the initial interview. In previous surveys, husbands were automatically considered to be the heads of consumer units in which both a husband and a wife were present.

This report is based on Economic Research Service (ERS) tabulations of data collected in the diary component of the BLS surveys for 1997 and 1998 as reported on CD-ROM data disks available from BLS and other information published by ERS.

¹ Technical descriptions of the CES and definitions draw heavily from documentation distributed with the CD-ROM data disks and from definitions provided by the BLS as well as previous editions of this bulletin.

Definitions

The following terms, some of which occur frequently in the accompanying tables, are briefly defined.

Population

Population--The U.S. civilian noninstitutional urban population, as well as that portion of the institutional population living in the following group quarters: boarding houses; housing facilities for students and workers; staff units in hospitals and homes for the aged, infirm, or needy; permanent living quarters in hotels and motels; and mobile home parks.

Metropolitan Statistical Area (MSA)--Except in New England, an MSA is a county or group of contiguous counties that contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to a county or counties containing such a city or cities, contiguous counties are included in an MSA if, according to certain criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city. In New England, MSA's consist of towns or cities, rather than counties.

Urban population--All persons living in MSAs and in urbanized areas and urban places of 2,500 or more people outside of MSAs. The term "other urban" is used in this report to describe the urban population living outside of MSAs.

Student population--Students living in college or university housing, usually dormitories.

Primary sampling unit (PSU)--Usually a county or group of contiguous counties, except in certain areas of the Northeast where a PSU is a cluster of towns. A PSU may include both urban and rural areas as well as farm and nonfarm areas.

Geographic regions--Data are presented for four major regions: Northeast, Midwest, South, and West. Consumer units are classified by these regions according to the address at which the household was

residing during the time of their participation in the diary survey. These regions comprise the following States:

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

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

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

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

Consumer Unit (Household)

Consumer unit (CU) --A consumer unit, the basic reporting unit for the diary survey, comprises: (1) all members of a particular household who are related by blood, marriage, adoption, or other legal arrangement, such as a foster child; (2) a financially independent² person living alone or sharing a household with others, living as a roomer in a private home or lodging house, or living in permanent quarters in a hotel or motel; or (3) two or more persons living together who pool their income to make joint expenditure decisions. This report treats each consumer unit as a household. However, it should be noted that in reality a household may contain more than one consumer unit, such as grandparents or in-laws who live independently along with another consumer unit.

² Financial independence is determined by three major expense categories: housing, food, and other living expenses. To be considered financially independent, the respondent must provide at least two of the three major expense categories.

Householder (or “reference person”)--The first household member mentioned by the respondent when instructed to "Start with the name of the person, or one of the persons, who owns or rents the home." The relationship of other CU members is determined with respect to this person.

Size of household--The number of persons who normally make up the CU at the sample address.

Age of householder--The actual age of the householder at the time the diary is placed in the household.

Number of earners--All CU members, 14 years and older, who report having worked at least 1 week during the 12 months prior to the interview date, are classified as earners. This measure will tend to overstate the number of earners employed on a regular basis.

Number of vehicles--The number of automobiles, trucks, and other vehicles owned by all members of the unit, including vehicles used partially for business but excluding those used entirely for business.

Income

Total income--The combined income earned by all CU members 14 years old or over in the 12-month period prior to the last day of participation in the survey. The components of income are wages and salaries, net business and farm income, Social Security and other pension income, interest, dividends and other asset income, and other income. Other income includes: (1) supplemental security income paid by Federal, State, and local welfare agencies to low-income persons who are 65 years or older, blind, or disabled; (2) income from unemployment compensation; (3) income from workers' compensation and veterans' payments, including education benefits but excluding military retirement; (4) public assistance or welfare, including money received from job training grants; (5) alimony and child support as well as any regular contributions from people outside the CU; (6) income from the care of foster children, cash scholarships,

fellowships, or stipends not based on working; and (7) the value of food stamps.

Complete income reporting--The distinction between complete and incomplete income reporting is based on whether the respondent provides information on major sources of income, such as wages and salaries, self-employment, and Social Security income. Even complete income reporters may not provide a full accounting of all income from all sources. Income tabulations in this publication are based only on CUs with complete income data. The definition of "complete income reporting" used in the 1997-98 CES differs from the 1972-73 definition. A CU reporting zero income in 1972-73 was considered a complete respondent as long as there was no evidence of intent to refuse the income question. In later surveys, across-the-board zero income reporting was designated as invalid by BLS, and the CU was categorized as an incomplete reporter. None of the surveys, however, accounted for possible underreporting. CU designated as incomplete reporters of income are excluded from computations of average income in this report.

Top coding of income--The top coding of income routine changed with the 1996 release of the CES. Previous to 1996 there was truncation at a critical value and all values above the critical value (upper tail) were replaced by the critical value (usually at \$100,000 for income). Since 1996, the new method replaces upper tail values with the mean of the values from the upper tail. This results in more accurate estimates of average income for the whole sample.

Quintiles of income before taxes--Each quarter, respondents who provide income reports are ranked in ascending order according to the level of total before-tax income reported by the consumer unit. The ranking is divided into five equal groups called income quintiles, and the data for each of the four quarters are then combined. CUs providing incomplete income reports are not ranked and are shown separately in all income tables.

Expenditure Estimates

Expenditures are the transaction costs, including excise and sales taxes, of goods and services acquired during the recordkeeping period. The respondent records the full cost of each purchase even though full payment may not have been made on the date of purchase. The expenditure estimates exclude purchases made while away from home overnight, purchases directly assignable to business use, and periodic credit or installment payments on goods or services already acquired.

Major food and beverage expenditure categories and subgroups that appear in this report are displayed in tables 1-23. Several factors should be considered when relating individual household circumstances (such as region of residence and race of householder) to the expenditures shown in the tables. First, the expenditures are averages for all urban households with the specific characteristics, regardless of whether or not a particular household purchased the specific food item during the recordkeeping period. The average expenditure may be considerably less than the expenditure by households that purchased the item. The less frequently an item is purchased, the greater the difference between the average for all households and the average for those households that purchased the item. Even if such purchases were made, an individual household may have spent more or less than the average. Even within groups with similar characteristics, the distribution of expenditures varies greatly. Also, many factors such as income, age of household members, and geographic location of residence influence expenditures and are not held constant within any given table.

The share of total expenditures of an item shown in the accompanying tables for a particular population segment can be readily calculated. The following procedures are employed, for example, to estimate the share of national total food expenditures accounted for by two-member households in 1998. First, multiply the average total per person food expenditures for two-member households (\$2,146.37, from table 14) by the number of two-person households in thousands in the United States (28,581 from table 14) by the average number of persons in the households (2, from table 14). Then, divide this result by the product of the average U.S. household size (2.52, from table 14) times the total number of households in the United States (91,133 which is number of households in thousands from table 14) times the average total per person food expenditures (\$1,773.35, from table 14). The result of these operations is the share of national food expenditures accounted for by two-member households. Mathematically, the share of national food expenditures accounted for by two-person households equals:

$$(\$2,146.37 \times 28,581 \times 2) / (2.52 \times 91,133 \times \$1,773.35) = 30.1 \text{ percent.}$$

We can use similar procedures to estimate the share of the total population accounted for by two-member households. The share of total population composed of two-member households equals:

$$(28,581 \times 2) / (91,133 \times 2.52) = 24.9 \text{ percent.}$$

Thus, two-member households are 24.9 percent of the population, but their share of total food expenditures is 30.1 percent.

Survey Procedures

This section discusses the technical details concerning the CES sample design, geographic coverage, sampling frame, level of participation, sample weighting factors, data collection, and data processing.

Survey Sample Design

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

The first step in the sampling is the selection of primary sampling units (PSUs), which consist of counties (or parts thereof) or groups of counties. The design classifies the PSUs into four categories:

- 31 “A” PSUs are Metropolitan Statistical Areas (MSA’s) with a population greater than 1.5 million.
- 46 “B” PSUs are medium-sized MSA’s.
- 10 “C” PSUs are nonmetropolitan areas that are included in the CPI.
- 18 “D” PSUs are nonmetropolitan areas where only the urban population data will be included in the CPI.

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

To the extent possible, an unclustered sample of units is selected within each PSU. This lack of clustering is desirable because the sample size of the

Diary Survey is small relative to other surveys, while the intraclass correlations for expenditure characteristics are relatively large. This suggests that any clustering of the sample units could result in an unacceptable increase in variance within the PSU and, as a result, the total variance.

Each selected sample unit is requested to keep two 1-week diaries of expenditures over consecutive weeks. The earliest possible day for placing a diary with a household is predesignated with each day of the week having an equal chance to be the first of the reference week. The diaries are evenly spaced throughout the year. During the last 6 weeks of the year, however, the Diary Survey sample is supplemented to twice its normal size to increase the reporting of types of expenditures unique to the holidays.

Cooperation Levels

The annual target sample size at the United States level for the Diary Survey is 6,050 participating sample units. To achieve this target the total estimated workload is 8,180 sample units. This allows for refusals, vacancies, or nonexistent sample unit addresses.

Each participating sample unit selected is asked to keep two 1-week diaries. Each diary is treated independently, so response rates are based on twice the number of housing units sampled.

The response rate for the 1998 Diary Survey was 76.4 percent.

Weighting

Each CU included in the CES represents a given number of CUs in the U.S. population, which is considered to be the universe. The translation of sample families into the universe of families is known as weighting. However, since the unit of analysis for the CES is a CU, the weighting is performed at the CU level. Several factors are involved in determining the weight for each CU for which a diary is obtained. There are four basic steps in the weighting procedure. 1) The basic weight is

assigned to an address and is the inverse of the probability of selection of the housing unit. 2) A weight control factor is applied to each diary if subsampling is performed in the field. 3) A noninterview adjustment is made for units where data could not be collected from occupied housing units. The adjustment is performed as a function of region, housing tenure, family size, and race. 4) A final adjustment is performed to adjust the sample estimates to national population controls derived from the Current Population Survey. The adjustments are made based on both the CU's member composition and the CU as a whole. The weight for the CU is adjusted for individuals within the CU to meet the controls for 14 age/race categories, 4 regions, and 4 region/urban categories. The CU weight is also adjusted to meet the control to total number of CUs and total number of CUs who own their own living quarters. The weighting procedure uses an iterative process to ensure that the sample estimates will meet all population controls.

Data Collection and Processing

In addition to its data collection duties, the Census Bureau is responsible for field editing and coding, consistency checking, quality control, and data transmittal to BLS. BLS performs additional review and editing to prepare the data for publication and release.

Data collection activities have been conducted by the Census Bureau on a continuing basis since October 1979. Due to differences in format and design, the Diary Survey and the Interview Survey data are collected separately. Preliminary Diary Survey data processing carried out by the Census Bureau includes keying the data from the questionnaires, clerical data editing, and correcting for inconsistencies in the collected data.

Upon completion by respondents, the diaries are sent from the regional offices to the Census National Processing Center (NPC) in Jeffersonville, IN. At the NPC, codes are applied to identify demographic characteristics and expenditures, and inconsistencies and errors are identified and corrected.

After clerical processing at the NPC, the data are transmitted to the Census Processing Center in Suitland, MD, where they pass through basic quality checks of control counts, missing values, etc. The data are then transmitted to BLS.

Upon receiving the data from the Bureau of the Census, BLS performs a series of computer edits that identify and correct irregularities and inconsistencies. Other adjustments apply appropriate sales taxes and derive CU weights based on BLS specifications. In addition, demographic and work experience items (except income) are imputed when missing or invalid. All data changes and imputations are identified with flags on the interview database.

Next, BLS conducts an extensive review to ensure that severe data aberrations are corrected. The review takes place in several stages: a review of counts, weighted means, and unweighted means by region; a review of family relationship coding inconsistencies; a review of selected extreme values for expenditure and income categories; and verification of the various data transformations.

Cases of extreme data values are investigated by reviewing questionnaires on microfilm. Errors discovered through this procedure are corrected prior to release of the data.

Two major types of data adjustment routines—imputation and allocation—are carried out to improve and classify the estimates derived from the Diary Survey. Data imputation routines correct missing or invalid entries among selected CU characteristic fields. No imputations are performed for income fields. Allocation routines are applied when respondents provide insufficient expenditure detail to meet tabulation requirements. For example, reports of combined expenditures for fuels and utilities are allocated among gas, electricity, and other items in this group. To analyze the effects of these adjustments, tabulations are made before and after the data adjustments.

CES and Other Data Sources

In the past, USDA conducted comprehensive household surveys of food consumption approximately every 10 years. The last such survey was the 1987-88 Nationwide Food Consumption Survey (NFCS). The NFCS differs in several respects from the CES. The most notable difference, other than the survey years, is that the NFCS measured food consumption during the survey period, while the CES measures purchases.

Consequently, differences may occur due to a number of conceptual (measurement) issues. For example, the value of nonpurchased foods, such as homegrown food and food received as a gift or as pay is included in the NFCS but not in the CES. The timelag between purchase and consumption also causes differences in the data sets. The CES does not measure consumption out of household food stocks, and expenditures may include purchases used to build up inventories of staple foods such as flour and sugar. However, the disparities among households due to inventory changes tend to average out when tabulations cover large groups of consumers.

The two surveys also differ in the unit of observation. USDA uses the household as the observational unit, whereas BLS uses the consumer unit. Although these definitions are similar, differences between units classified by living arrangements and economic consuming units will exist, as in the instance of unrelated, economically independent individuals living together.

Population coverage also differs between the two surveys because the NFCS excludes individuals in group dwellings, such as college students living in dormitories, whereas the CES includes them.

Many USDA tabulations of the NFCS data include only housekeeping households—those in which at least one member consumed 10 or more meals from home food supplies during the 7-day survey period. Because housekeeping households consume more home food supplies than do nonhousekeeping households, food expenditure estimates based solely

on housekeeping households tend to overestimate at-home consumption and underestimate away-from-home consumption. Survey estimates suggest that about 6 percent of the civilian noninstitutional population covered by the NFCS are nonhousekeeping households.

A major advantage of the CES over the NFCS is that it provides a continuous picture of consumption expenditures over time whereas the NFCS provides a snapshot about every 10 years.

The personal consumption expenditures (PCE) data are a component of the gross national product accounts, prepared quarterly by the U.S. Department of Commerce and published in *Survey of Current Business*. The PCE series measures personal expenditures on a national level for all newly produced goods and services.

PCE estimates are based on business and government sources rather than household interviews. The source and derivation of the PCE estimates thus hardly resemble the CES estimates.

Benchmark estimates for the PCE series are developed approximately every 5 years based on the flow of goods and services through the economy. Personal consumption expenditures for food, for example, are derived by adding transportation costs and wholesale and retail trade markups to manufacturers' prices. Additional adjustments are made for exports, imports, and changes in inventories. Between benchmark years, the various components of the PCE series are updated using survey information on sales of eating and drinking establishments and estimates of grocery store sales. Other minor adjustments are also made. The primary data are from the Censuses of Manufactures, Transportation, and Business.

When placed on an annual per capita expenditure basis, estimates from the CES are consistently lower than those reported in each of the following PCE food components: total food, food consumed at home, and food consumed away from home. The relative difference is greater for food consumed away from home than for food consumed at home,

probably because the diary component of the CES does not include expenditures on food when the respondent is away from home overnight or longer. Disparities between the estimates for expenditures on alcoholic beverages are even larger, but this result is expected because full disclosure of alcoholic beverage consumption is extremely difficult to obtain in household surveys.

The PCE and CES estimates of per capita annual income also differ, with the CES income estimates being lower. This difference is consistent with the notion that income is generally underreported in household surveys.

USDA's Economic Research Service (ERS) develops and annually reports data on food disappearance in the United States in the publication *Food Consumption, Prices, and Expenditures*. These data measure the quantity of food available for human consumption based on records of commodity flows from production to end uses. The series are developed from estimates of production with adjustments for trade flows in and out of the country, changes in beginning and ending inventories, and removal of nonfood uses. While not a direct measure of human consumption, the series are often used to monitor levels and year-to-year trends in commodity consumption and use, estimate nutrient availability in the Nation's food supply, and estimate statistical relationships among commodity supply, demand, and prices.

Food disappearance is often used as a proxy for human consumption. Used in this manner, the data represent an upper bound on the amount of food

available for consumption. Food disappearance data can overstate actual consumption because it includes spoilage and other losses in the food processing and marketing system, and losses in the household due to such factors as preparation and plate waste. However, the data remain useful as indicators of consumption if these losses in the system remain stable.

The ERS food disappearance data differ from the CES diary expenditure data in several ways. First, the ERS disappearance data conceptually includes both food consumed at home and food consumed away from home. While the CES diary data also includes both categories of food expenditures, the food item detail is only available for food consumed at home. The CES reports food away from home as aggregate expenditures without any commodity or food item detail. Thus, the CES ground beef category does not include hamburgers consumed at schools, restaurants, and fast food establishments. Second, and perhaps most obvious, is the difference in the unit of observation. The CES data are based on a survey of households and their expenditures while the disappearance data are based on aggregate production quantities with adjustments for imports, exports, nonfood uses, and inventories. The aggregate disappearance data are divided by the U.S. population to place disappearance on a per capita basis for comparability with the CES, which is standardized in this report by household size. It is possible that expenditures for a commodity in the CES may trend upwards while quantity trends from the disappearance data decline due to price effects.

Data Limitations

Data in this report are based on a sample of consumer units and may differ somewhat from the figures that would be obtained if a complete census of consumer units had been taken. The variability of sample estimates is a function of sample design and sample size and generally decreases with larger size samples and aggregation over product categories. Expenditure estimates for broader expenditure groups and larger population groups will generally be subject to smaller sampling variation than expenditure estimates for narrower expenditure and population subgroups. The coefficient of variation (CV), expressing the standard deviation as a percentage of the sample estimate, is a commonly used measure for comparing the relative variability of sample estimates. CVs for the various detailed estimates of annual per person food expenditures presented in this report for the total urban population are given in table 24.

The estimates are also subject to sampling biases that may result from the selection of households, the recording of information, and the interpretation of

information. The long and extensive experience of BLS in conducting surveys of this type, however, helps to minimize these sampling biases.

Identifying and handling incomplete questionnaires introduce another potential source of bias. In the CES diary, identifying incomplete expenditure reporting is particularly difficult because respondents are required to report only items actually purchased. No action is required on items not purchased during the survey. Distinguishing between an incomplete expenditure diary and one in which the respondent records only a few purchases is difficult. Incomplete reporting on other sections of the survey may be associated with incomplete expenditure diaries. For example, homeowners not reporting a mortgage status are about half as likely to report purchases for most food items as those homeowners reporting a mortgage status. A similar pattern, but not nearly as pronounced, is observed for consumer units with incomplete income reporting. Because of these reporting phenomena, we advise caution in any further use of the tabulations in this report for these two subgroups of consumer units.

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Table 1--Food expenditures by selected demographics, 1997-98: Average annual per person expenditures of urban households

Demographic category	1997	1998	1997	1998	1997	1998
	Total food		Food at home		Food away from home	
	Dollars					
All urban households	1,767	1,773	1,126	1,094	641	679
Household size (members):						
One	2,386	2,485	1,331	1,375	1,055	1,110
Two	2,296	2,146	1,370	1,301	925	845
Three	1,714	1,795	1,123	1,094	591	701
Four	1,500	1,524	1,023	967	477	557
Five	1,300	1,327	903	882	397	445
Six or more	1,107	1,106	836	809	272	298
Single female parent with children	1,233	1,376	906	929	327	448
Income quintiles:						
First (lowest)	1,421	1,437	1,039	974	382	463
Second	1,541	1,500	1,113	1,003	428	497
Third (middle)	1,662	1,717	1,112	1,069	550	648
Fourth	1,818	1,872	1,135	1,126	683	746
Fifth (highest)	2,206	2,422	1,286	1,358	920	1,064
Race:						
White	1,855	1,855	1,162	1,135	693	720
Black	1,229	1,308	900	866	329	441
Other	1,815	1,754	1,165	1,070	650	684
Age of householder (years):						
Under 25 (nonstudent)	1,414	1,506	877	816	537	690
25-34	1,557	1,534	976	896	581	639
35-44	1,617	1,694	1,031	1,038	586	655
45-54	1,967	1,991	1,200	1,244	767	747
55-64	2,185	2,085	1,419	1,288	766	797
Over 64	1,987	1,879	1,370	1,282	618	597
Region and city size:						
MSA are						
Northeast	2,021	1,940	1,178	1,181	843	759
Midwest	1,739	1,832	1,101	1,134	639	698
South	1,670	1,684	1,092	1,038	578	646
West	1,803	1,831	1,195	1,141	608	690
Other urban areas	1,465	1,417	992	878	473	539
Season of year						
Winter	1,723	1,755	1,128	1,065	595	690
Spring	1,897	1,780	1,182	1,092	715	688
Summer	1,742	1,781	1,094	1,080	648	700
Fall	1,706	1,777	1,100	1,138	605	639

Table 2--Household type, 1997

Item	All	Married couples					Single parent with own children only		Single person only	All other
		Couple only	With own children only			Other	Male head ¹	Female head ¹		
			Oldest child under 6	Oldest child 6 to 17	Oldest child > 17					
Household characteristics:										
Households (thousands)	91,783	19,497	5,871	13,007	6,817	3,661	580	4,718	26,317	11,314
Sample diaries (number)	10,525	2,274	646	1,527	791	448	76	527	2,966	1,270
Age of householder (years)	47.2	54.7	32.2	39.5	51.7	47.5	41.3	36.3	50.5	45.1
Income before taxes (dollars)	42,973	51,521	57,903	61,906	65,819	60,044	34,757	21,845	23,118	36,871
Income after taxes (percent)	92	90	94	93	91	92	95	93	91	93
Wage and salary income (percent)	76	65	85	88	86	74	91	78	63	79
Amount spent on food (percent)	10	10	9	10	10	11	14	17	10	12
Members per household (number)	2.53	2.00	3.43	4.16	3.91	4.86	3.15	3.08	1.00	2.85
Children under 18 years (number)	0.69	0.00	1.44	2.16	0.64	1.50	1.79	1.88	0.00	0.61
Adults over 64 years (number)	0.29	0.60	0.00	0.00	0.18	0.51	0.00	0.00	0.34	0.28
Vehicles per household (number)	1.6	1.8	1.8	2.1	2.8	2.4	1.5	0.9	0.9	1.6
Earners per household (number)	1.4	1.3	1.7	2.0	2.8	2.5	1.4	1.1	0.6	1.7
Homeownership (percent)	62	80	66	78	85	80	54	35	42	50
Average annual per person expenditure: <i>Dollars</i>										
Food, total (excluding alcoholic beverages)	1,767.08	2,476.88	1,563.50	1,508.90	1,693.18	1,377.26	1,501.09	1,233.27	2,385.61	1,495.68
Food at home	1,126.11	1,473.54	1,067.76	1,015.12	1,114.24	955.72	985.32	906.17	1,330.67	972.40
Cereal and bakery products	181.11	230.07	162.70	170.24	186.57	157.48	139.68	135.70	219.53	151.57
Cereal and cereal products	64.12	71.33	62.28	61.99	66.14	57.67	59.38	58.14	72.03	58.53
Flour	3.17	3.76	3.13	2.47	3.21	3.48	3.75	2.59	3.23	3.62
Prepared flour mixes	5.85	7.14	6.06	6.20	5.46	6.75	4.59	4.87	5.02	4.59
Cereal	36.21	39.43	35.24	38.00	37.16	30.18	29.87	29.39	43.05	30.28
Rice	7.59	8.65	6.55	5.16	9.56	7.27	6.30	12.07	6.68	8.39
Pasta (dry) and cornmeal	11.30	12.34	11.29	10.15	10.74	9.98	14.88	9.22	14.05	11.65
Bakery products	116.99	158.74	100.43	108.25	120.43	99.81	80.30	77.56	147.50	93.04
White bread	16.07	19.37	12.52	13.61	16.81	15.61	11.82	12.98	22.56	14.41
Other bread	17.08	24.47	13.71	13.32	16.63	13.09	8.43	10.60	27.78	13.82
Fresh biscuits, rolls, and muffins	16.68	22.90	16.25	16.14	18.09	14.15	7.45	9.30	17.58	13.65
Cakes and cupcakes	14.05	15.66	10.76	13.75	14.11	19.82	15.47	9.74	15.52	12.09
Cookies	18.24	24.45	18.29	18.51	18.54	12.81	12.12	12.77	20.34	14.09
Crackers	9.22	14.18	8.13	8.71	9.48	6.66	3.49	5.82	11.24	6.20
Bread and cracker products	1.74	3.35	1.55	1.51	1.89	1.15	2.01	1.11	1.36	1.06
Doughnuts and sweetrolls	9.33	13.73	7.08	7.84	9.77	6.91	5.19	6.20	15.42	5.57
Frozen and refrigerated bakery products	9.11	11.52	8.30	10.41	8.37	6.39	10.50	6.23	10.25	6.92
Fresh pies, tarts, and turnovers	5.47	9.11	3.82	4.46	6.74	3.22	3.81	2.81	5.47	5.24
Meats, poultry, fish, and eggs	296.74	378.73	257.84	261.10	310.56	279.44	278.64	263.27	306.93	287.60
Meats	188.07	236.36	165.23	166.65	198.41	185.37	179.85	162.66	189.06	183.95
Beef	89.30	109.97	71.53	85.36	93.28	84.01	108.84	79.12	84.82	88.78
Ground beef (excluding canned)	32.43	38.49	25.38	29.15	31.30	33.39	37.53	36.96	30.71	34.47
Chuck roast	5.31	5.72	5.56	5.18	5.59	5.77	9.35	4.06	4.51	5.40
Round roast	5.05	6.83	3.35	4.46	7.30	4.00	3.40	3.05	5.51	4.26
Other roast	5.90	7.84	3.43	6.13	7.06	4.46	5.67	4.98	4.81	5.84
Round steak	6.83	8.21	6.89	6.72	6.85	7.15	9.02	4.49	6.54	6.32
Sirloin steak	9.64	13.95	5.84	9.02	11.15	7.12	11.46	8.54	11.06	7.23
Other steak	18.90	22.33	17.82	19.57	18.10	15.82	26.08	11.86	17.54	20.55
Other beef (excluding canned)	5.24	6.60	3.25	5.13	5.93	6.29	6.32	5.17	4.13	4.71
Pork	60.83	80.23	56.05	49.41	63.10	65.96	38.10	53.58	61.97	58.41
Bacon	9.63	11.40	10.70	7.57	10.07	11.34	5.56	8.39	9.17	10.16
Pork chops	15.40	18.52	15.51	12.50	15.16	15.19	4.59	19.25	15.02	15.94
Ham (excluding canned)	13.45	19.12	11.63	11.58	16.08	11.80	7.34	11.62	11.09	12.68
Other pork	12.12	17.80	7.36	9.00	11.80	16.36	7.60	7.08	16.66	10.21
Pork sausage	9.43	12.65	10.32	7.79	9.41	9.97	12.31	6.62	9.23	8.69
Canned ham	0.80	0.73	0.54	0.97	0.59	1.30	0.69	0.61	0.80	0.73

Continued --

Table 2--Household type, 1997 (continued)

Item	All	Married couples					Single parent with own children only		Single person only	All other
		Couple only	With own children only			Other	Male head ¹	Female head ¹		
			Oldest child under 6	Oldest child 6 to 17	Oldest child > 17					
Other meats	37.95	46.16	37.65	31.88	42.04	35.40	32.92	29.96	42.27	36.77
Frankfurters	8.73	8.88	9.53	8.33	8.90	9.92	5.83	7.34	8.50	8.93
Bologna, liverwurst, and salami	9.28	10.35	9.14	6.96	9.55	9.83	7.05	9.68	10.39	10.50
Other lunch meats	16.52	22.39	16.04	14.36	17.90	12.25	9.81	10.47	19.81	15.00
Lamb and miscellaneous meats	3.41	4.55	2.95	2.22	5.69	3.40	10.23	2.47	3.58	2.34
Poultry	58.63	70.88	53.23	52.40	61.53	47.20	45.16	61.98	63.20	57.09
Fresh whole chicken	12.06	15.86	11.50	9.35	13.55	13.10	7.72	14.37	12.40	9.45
Fresh and frozen chicken parts	33.67	37.97	30.69	32.05	31.70	25.26	26.04	35.79	37.88	35.38
Other poultry	12.90	17.05	11.04	11.00	16.29	8.83	11.40	11.82	12.91	12.26
Fish and seafood	37.12	54.63	28.82	31.93	38.11	34.03	41.62	26.44	39.57	33.26
Canned fish and seafood	5.79	8.15	4.21	4.44	4.18	6.96	3.66	2.75	9.45	5.38
Fresh fish and shellfish	22.04	35.62	15.79	17.21	22.92	20.81	30.93	16.07	19.89	21.54
Frozen fish and shellfish	9.28	10.86	8.82	10.27	11.01	6.26	7.03	7.62	10.23	6.33
Eggs	12.92	16.87	10.57	10.12	12.51	12.84	12.01	12.19	15.10	13.30
Dairy	124.56	158.32	126.73	117.58	123.11	97.89	112.61	95.58	153.46	100.11
Fresh milk all types	46.23	53.38	46.09	44.55	45.59	41.11	42.73	39.02	55.22	39.92
Fresh cream	3.79	5.29	4.02	3.57	3.16	3.26	4.33	2.93	4.15	3.07
Butter	5.91	7.49	5.42	5.12	7.04	5.38	3.26	4.24	6.46	5.48
Cheese	37.57	48.47	37.20	36.48	38.06	24.58	27.39	25.96	48.80	29.84
Ice cream and related	21.48	31.81	22.02	19.02	20.46	16.50	21.37	13.31	27.50	15.10
Other including powdered milk and yogurt	9.58	11.88	11.98	8.84	8.80	7.07	13.52	10.12	11.34	6.70
Fruits and vegetables	191.73	273.00	171.00	159.16	177.64	154.65	146.36	153.27	252.63	163.32
Fresh fruits	61.30	93.62	51.20	49.36	56.25	42.41	44.63	42.60	86.42	52.01
Apples	11.38	16.71	8.91	10.66	10.63	8.22	7.69	8.11	15.57	8.30
Bananas	12.66	17.46	10.59	9.11	11.65	9.91	9.94	9.08	18.35	13.55
Oranges	7.22	9.18	5.30	5.69	7.22	6.34	6.81	5.39	11.46	6.47
Other fresh fruits	24.41	39.69	22.51	19.58	22.42	14.25	16.22	16.18	34.12	18.68
Other citrus fruits excluding oranges	5.64	10.58	3.89	4.31	4.33	3.70	3.96	3.85	6.93	5.02
Fresh vegetables	57.65	82.75	49.18	43.22	56.46	52.74	42.15	57.71	73.81	48.11
Potatoes	10.36	14.03	7.90	7.89	9.59	10.74	7.33	13.00	12.59	9.19
Lettuce	7.46	10.05	6.27	5.36	7.51	4.84	5.14	12.38	9.56	6.22
Tomatoes	9.58	12.94	8.45	6.52	10.40	11.30	8.42	7.12	12.42	8.59
Other fresh vegetables	30.24	45.73	26.55	23.45	28.96	25.86	21.25	25.21	39.23	24.10
Processed fruits	41.11	53.50	42.70	37.74	35.68	32.37	30.20	29.53	57.59	32.49
Frozen orange juice	3.36	4.58	3.91	3.37	2.73	2.62	4.47	2.53	3.79	2.41
Frozen fruits	0.79	1.16	0.46	0.98	0.73	0.57	0.67	0.13	1.13	0.40
Frozen fruit juices	1.79	1.62	2.43	1.98	1.39	1.34	1.63	1.54	2.38	1.50
Fresh fruit juice	8.20	10.11	7.40	7.38	7.05	6.24	4.51	7.07	13.30	6.37
Canned and bottled fruit juice	19.07	23.36	20.69	17.32	16.17	16.15	14.20	13.48	26.35	16.68
Canned fruits	5.55	9.30	5.01	4.86	5.31	3.62	2.58	3.48	7.27	3.47
Dried fruits	2.35	3.37	2.81	1.84	2.30	1.82	2.14	1.29	3.36	1.66
Processed vegetables	31.67	43.13	27.93	28.84	29.24	27.14	29.39	23.43	34.82	30.71
Frozen vegetables	10.59	14.04	10.87	10.06	10.21	9.36	11.53	7.03	10.68	9.62
Canned beans	4.63	6.00	3.40	3.95	4.82	4.32	4.63	3.40	5.35	4.88
Canned corn	2.80	3.40	2.21	2.77	2.31	2.15	1.03	2.92	3.58	2.68
Canned miscellaneous vegetables	6.62	10.43	5.13	5.71	5.72	4.89	3.44	5.15	8.13	5.78
Other processed vegetables	0.09	0.14	0.06	0.12	0.05	0.18	0.00	0.04	0.03	0.03
Other peas	0.10	0.27	0.05	0.04	0.05	0.11	0.00	0.10	0.07	0.08
Other beans	1.00	1.25	1.01	0.78	0.88	1.44	0.51	1.39	0.62	1.09
Other miscellaneous vegetables	2.82	3.50	2.12	2.90	2.18	2.44	2.35	1.31	2.94	3.63
Frozen vegetable juice	0.11	0.09	0.36	0.08	0.12	0.07	0.00	0.05	0.12	0.07
Fresh and canned vegetable juice	2.91	4.02	2.71	2.43	2.89	2.18	5.90	2.04	3.29	2.85

Continued --

Table 2--Household type, 1997 (continued)

Item	All	Married couples					Single parent		Single person only	All other
		Couple only	With own children only			Other	with own children only			
			Oldest child under 6	Oldest child 6 to 17	Oldest child > 17		Male head ¹	Female head ¹		
Sugar and sweets	44.84	66.63	37.68	43.85	41.82	34.07	37.62	33.77	51.72	32.82
Candy and chewing gum	27.68	42.83	22.50	28.33	25.10	19.68	18.07	19.82	32.75	18.02
Sugar	7.08	8.05	5.81	6.15	6.80	6.92	7.39	7.21	8.26	7.57
Artificial sweeteners	1.32	2.56	0.22	0.88	2.10	1.08	0.00	0.49	1.32	1.16
Other sweets	8.75	13.18	9.15	8.50	7.82	6.39	12.17	6.25	9.39	6.06
Fats and oils	31.45	43.32	25.70	26.53	31.35	28.07	27.73	24.59	36.54	30.03
Margarine	4.52	6.65	3.40	3.43	4.77	3.93	4.62	3.60	5.39	4.31
Other fats, oils, and salad dressings	9.54	12.83	8.09	7.04	9.76	9.95	8.25	8.54	9.88	10.47
Salad dressings	9.69	13.53	7.49	9.41	9.43	7.77	10.10	6.51	10.91	8.56
Nondairy creamer	3.24	5.54	2.09	2.24	3.03	2.87	2.78	2.00	4.26	2.96
Peanut butter	4.47	4.78	4.64	4.40	4.37	3.55	1.98	3.95	6.10	3.72
Beverages	95.03	125.34	76.51	86.23	95.22	80.68	106.63	76.31	116.75	82.52
Cola drinks	34.54	44.94	26.64	32.39	34.31	31.12	45.72	27.50	41.22	29.68
Other carbonated drinks	16.68	21.27	13.29	15.07	18.07	11.50	16.83	13.78	20.59	15.77
Roasted coffee	12.60	22.76	9.04	9.27	13.19	10.95	5.22	6.45	14.64	10.03
Instant coffee	6.02	10.22	3.05	4.17	5.94	4.67	8.69	2.96	8.85	5.63
Noncarbonated fruit flavored drinks	7.63	5.45	7.20	10.01	6.19	7.76	12.66	8.09	6.49	8.08
Tea	5.77	7.97	3.84	4.24	6.96	5.94	4.81	4.04	8.53	4.41
Other noncarbonated beverages	11.64	12.46	13.27	10.95	10.45	8.73	12.28	13.29	16.21	8.83
Nonalcoholic beer	0.16	0.27	0.18	0.13	0.11	0.00	0.44	0.19	0.21	0.10
Miscellaneous prepared foods	160.65	198.13	209.59	150.43	147.98	123.44	136.03	123.67	193.10	124.45
Soups	13.03	17.99	12.29	11.10	11.63	10.85	9.75	8.20	18.91	10.69
Frozen meals	8.40	9.65	6.23	6.10	7.23	4.84	9.11	5.90	19.53	7.05
Other frozen prepared food	22.91	25.00	21.31	26.37	19.67	19.32	27.49	16.48	26.98	19.58
Potato chips and other snacks	26.22	34.45	23.57	29.54	26.32	18.55	19.71	19.25	29.77	17.12
Nuts	7.06	13.37	5.26	5.45	6.90	4.70	1.69	4.84	8.67	4.70
Salt, seasonings, and spices	7.57	10.82	6.32	6.33	7.31	6.65	6.27	7.25	7.44	7.55
Olives, pickles, and relishes	4.23	6.28	3.30	3.71	4.63	3.50	1.50	3.38	5.23	2.99
Sauces and gravies	15.63	21.80	15.80	15.94	14.99	13.14	13.73	11.32	13.54	13.18
Other condiments	6.65	11.79	5.56	5.38	5.19	5.20	4.94	4.82	8.95	4.27
Prepared salads	5.93	9.36	5.08	4.79	6.27	4.11	4.41	2.73	8.45	4.42
Prepared desserts	3.94	4.66	4.29	3.95	4.72	3.22	4.53	2.07	5.06	2.48
Baby food	11.59	3.53	74.45	6.14	3.23	5.53	4.15	14.19	6.20	5.12
Other miscellaneous prepared foods	27.19	29.17	25.21	25.61	29.54	23.03	28.75	23.22	33.81	25.32
Vitamin supplements	0.29	0.25	0.92	0.00	0.36	0.80	0.00	0.00	0.57	0.00
Food away from home	640.96	1,003.34	495.74	493.78	578.94	421.54	515.78	327.11	1,054.94	523.28
Lunch	206.08	276.16	159.22	184.12	204.19	143.98	157.25	113.16	315.47	178.61
Dinner	301.86	468.68	222.89	227.46	279.08	191.60	248.14	150.98	503.35	260.50
Snacks and nonalcoholic beverages	48.69	55.83	52.33	44.88	44.70	36.81	65.63	29.68	78.56	37.21
Breakfast and brunch	46.81	69.74	25.66	36.09	48.95	30.61	30.44	33.22	78.03	39.01
Board including school meals	0.26	0.42	0.03	0.00	0.50	0.38	0.08	0.00	0.85	0.02
Catered meals	37.27	132.51	35.61	1.22	1.53	18.15	14.23	0.06	78.68	7.93
Alcoholic beverages	116.31	198.65	70.41	70.29	71.21	66.52	88.56	36.34	226.73	134.94

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00
¹Own children with at least one under 18.

Table 3--Household size, 1997

Item	Household size (members)						Six or more
	All	One	Two	Three	Four	Five	
Household characteristics:							
Households (thousands)	91,783	26,317	28,110	14,537	13,333	5,800	3,686
Sample diaries (number)	10,525	2,966	3,248	1,639	1,531	693	448
Age of householder (years)	47.2	50.5	51.6	43.1	40.2	40.3	41.6
Income before taxes (dollars)	42,973	23,118	46,703	52,404	56,921	58,568	47,297
Income after taxes (percent)	92	91	90	93	93	92	95
Wage and salary income (percent)	76	63	68	80	87	86	88
Amount spent on food (percent)	10	10	10	10	11	11	15
Members per household (number)	2.53	1.00	2.00	3.00	4.00	5.00	6.53
Children under 18 years (number)	0.69	0.00	0.08	0.80	1.68	2.45	3.51
Adults over 64 years (number)	0.29	0.34	0.49	0.16	0.06	0.09	0.13
Vehicles per household (number)	1.6	0.9	1.7	1.9	2.1	2.1	2.3
Earners per household (number)	1.4	0.6	1.3	1.8	2.1	2.3	2.6
Homeownership (percent)	62	42	71	68	72	73	68
Average annual per person expenditure:	Dollars						
Food, total (excluding alcoholic beverages)	1,767.08	2,385.61	2,295.54	1,713.98	1,500.03	1,300.09	1,107.29
Food at home	1,126.11	1,330.67	1,370.08	1,123.08	1,023.04	902.72	835.79
Cereal and bakery products	181.11	219.53	214.02	177.46	169.15	149.24	133.74
Cereal and cereal products	64.12	72.03	71.05	63.59	61.59	58.98	52.08
Flour	3.17	3.23	3.78	2.94	2.98	2.74	3.05
Prepared flour mixes	5.85	5.02	6.69	6.32	4.78	7.03	4.92
Cereal	36.21	43.05	37.97	34.95	36.91	32.78	29.48
Rice	7.59	6.68	9.11	9.13	6.54	7.47	4.74
Pasta (dry) and cornmeal	11.30	14.05	13.51	10.26	10.37	8.95	9.90
Bakery products	116.99	147.50	142.97	113.87	107.57	90.26	81.66
White bread	16.07	22.56	18.35	15.04	14.44	12.94	12.91
Other bread	17.08	27.78	22.16	16.11	13.89	10.51	10.30
Fresh biscuits, rolls, and muffins	16.68	17.58	20.88	18.22	15.46	11.53	11.97
Cakes and cupcakes	14.05	15.52	14.32	12.35	14.72	14.36	13.03
Cookies	18.24	20.34	21.58	18.76	18.16	14.75	11.59
Crackers	9.22	11.24	12.51	9.23	8.25	6.20	5.14
Bread and cracker products	1.74	1.36	2.87	1.69	1.43	1.40	0.66
Doughnuts and sweetrolls	9.33	15.42	11.61	7.82	8.39	6.64	5.43
Frozen and refrigerated bakery products	9.11	10.25	10.47	9.15	8.63	8.00	7.02
Fresh pies, tarts, and turnovers	5.47	5.47	8.23	5.51	4.18	3.94	3.62
Meats, poultry, fish, and eggs	296.74	306.93	359.42	302.22	267.18	248.41	253.04
Meats	188.07	189.06	223.52	192.51	170.55	160.17	168.63
Beef	89.30	84.82	105.18	92.48	82.60	79.90	77.53
Ground beef (excluding canned)	32.43	30.71	37.38	30.53	33.19	28.29	29.46
Chuck roast	5.31	4.51	5.73	5.87	4.68	6.82	3.80
Round roast	5.05	5.51	6.08	5.66	4.85	4.18	2.48
Other roast	5.90	4.81	7.61	6.51	5.24	3.42	6.42
Round steak	6.83	6.54	7.76	8.11	5.92	4.93	7.01
Sirloin steak	9.64	11.06	11.93	8.68	8.46	10.71	5.84
Other steak	18.90	17.54	22.21	21.62	16.17	16.77	16.36
Other beef (excluding canned)	5.24	4.13	6.48	5.48	4.09	4.79	6.15
Pork	60.83	61.97	74.61	61.14	53.57	49.09	57.03
Bacon	9.63	9.17	11.55	9.67	8.73	8.55	8.91
Pork chops	15.40	15.02	17.52	16.23	14.60	12.13	15.07
Ham (excluding canned)	13.45	11.09	17.31	13.83	12.40	11.89	10.54
Other pork	12.12	16.66	15.57	11.93	8.13	8.03	13.20
Pork sausage	9.43	9.23	11.95	8.65	8.77	7.75	8.64
Canned ham	0.80	0.80	0.72	0.83	0.94	0.74	0.67
Other meats	37.95	42.27	43.73	38.89	34.38	31.18	34.08
Frankfurters	8.73	8.50	9.11	8.81	9.00	6.99	9.49
Lamb and miscellaneous meats	3.41	3.58	4.15	3.15	2.77	2.33	4.70

Continued --

Table 3--Household size, 1997 (continued)

Item	Household size (members)						Six or more
	All	One	Two	Three	Four	Five	
Bologna, liverwurst, and salami	9.28	10.39	10.07	10.08	7.71	9.08	8.52
Other lunch meats	16.52	19.81	20.40	16.86	14.90	12.78	11.37
Poultry	58.63	63.20	69.35	60.37	54.69	48.09	46.91
Fresh whole chicken	12.06	12.40	14.50	10.53	12.47	10.35	9.87
Fresh and frozen chicken parts	33.67	37.88	37.99	35.67	31.64	28.05	26.60
Other poultry	12.90	12.91	16.85	14.17	10.57	9.68	10.44
Fish and seafood	37.12	39.57	50.38	36.95	31.42	28.70	26.50
Canned fish and seafood	5.79	9.45	7.65	5.02	4.52	3.99	3.85
Fresh fish and shellfish	22.04	19.89	33.00	21.39	17.65	16.07	16.92
Frozen fish and shellfish	9.28	10.23	9.73	10.55	9.26	8.64	5.73
Eggs	12.92	15.10	16.18	12.40	10.52	11.45	10.99
Dairy	124.56	153.46	147.36	121.12	116.71	99.92	93.03
Fresh milk all types	46.23	55.22	51.30	42.90	44.20	41.87	40.30
Fresh cream	3.79	4.15	5.05	3.65	3.62	2.52	2.60
Butter	5.91	6.46	7.20	5.97	5.80	4.83	3.77
Cheese	37.57	48.80	44.86	37.23	34.39	29.32	25.88
Ice cream and related	21.48	27.50	27.82	19.95	20.51	15.55	12.13
Other including powdered milk and yogurt	9.58	11.34	11.12	11.41	8.19	5.83	8.37
Fruits and vegetables	191.73	252.63	248.27	185.04	160.98	142.98	132.11
Fresh fruits	61.30	86.42	83.06	53.04	50.30	48.48	37.79
Apples	11.38	15.57	14.92	9.39	10.19	9.25	7.32
Bananas	12.66	18.35	16.07	11.24	10.19	11.91	7.38
Oranges	7.22	11.46	8.66	6.28	6.02	5.58	5.55
Other fresh fruits	24.41	34.12	34.30	21.34	20.40	17.25	13.74
Other citrus fruits excluding oranges	5.64	6.93	9.11	4.80	3.51	4.49	3.80
Fresh vegetables	57.65	73.81	75.70	61.75	44.22	38.60	43.06
Potatoes	10.36	12.59	13.35	11.20	8.56	6.38	8.20
Lettuce	7.46	9.56	9.26	9.69	5.49	4.70	4.63
Tomatoes	9.58	12.42	12.13	9.17	7.07	7.53	9.33
Other fresh vegetables	30.24	39.23	40.97	31.68	23.11	19.98	20.89
Processed fruits	41.11	57.59	49.61	39.51	37.36	31.40	26.19
Frozen orange juice	3.36	3.79	4.36	2.83	3.29	2.71	2.47
Frozen fruits	0.79	1.13	0.91	0.93	0.60	0.55	0.56
Frozen fruit juices	1.79	2.38	1.75	1.24	2.41	1.43	1.32
Fresh fruit juice	8.20	13.30	9.74	7.76	6.56	6.55	5.50
Canned and bottled fruit juice	19.07	26.35	21.92	19.30	17.90	14.51	12.18
Canned fruits	5.55	7.27	7.82	5.13	4.53	4.46	2.71
Dried fruits	2.35	3.36	3.11	2.32	2.08	1.20	1.45
Processed vegetables	31.67	34.82	39.90	30.75	29.10	24.50	25.06
Frozen vegetables	10.59	10.68	13.24	10.83	10.29	8.35	7.23
Canned beans	4.63	5.35	5.78	4.57	4.12	3.02	4.35
Canned corn	2.80	3.58	3.17	2.92	2.63	2.09	2.15
Canned miscellaneous vegetables	6.62	8.13	9.30	5.86	5.72	4.35	4.80
Other processed vegetables	0.09	0.03	0.11	0.04	0.18	0.09	0.00
Other peas	0.10	0.07	0.19	0.03	0.09	0.05	0.11
Other beans	1.00	0.62	1.11	0.82	0.61	1.42	1.86
Other miscellaneous vegetables	2.82	2.94	3.13	2.68	2.51	2.79	2.91
Frozen vegetable juice	0.11	0.12	0.08	0.05	0.16	0.10	0.20
Fresh and canned vegetable juice	2.91	3.29	3.79	2.94	2.80	2.25	1.46
Sugar and sweets	44.84	51.72	58.24	41.35	41.76	35.61	30.27
Candy and chewing gum	27.68	32.75	36.94	25.54	25.59	21.45	16.54
Sugar	7.08	8.26	7.80	6.72	6.69	6.03	6.93
Artificial sweeteners	1.32	1.32	2.14	0.90	1.21	1.15	0.58
Other sweets	8.75	9.39	11.35	8.19	8.27	6.98	6.23

Continued --

Table 3--Household size, 1997 (continued)

Item	Household size (members)						Six or more
	All	One	Two	Three	Four	Five	
Fats and oils	31.45	36.54	39.88	30.58	27.60	26.17	22.68
Margarine	4.52	5.39	6.09	4.33	3.70	3.43	3.39
Other fats, oils, and salad dressings	9.54	9.88	11.93	9.02	8.50	8.48	8.07
Salad dressings	9.69	10.91	12.09	10.27	8.50	7.88	6.48
Nondairy creamer	3.24	4.26	5.06	2.60	2.46	2.44	1.68
Peanut butter	4.47	6.10	4.71	4.35	4.42	3.94	3.07
Beverages	95.03	116.75	120.42	92.30	86.05	74.19	61.96
Cola drinks	34.54	41.22	42.95	33.76	32.31	27.27	22.73
Other carbonated drinks	16.68	20.59	20.26	16.55	14.81	14.73	10.79
Roasted coffee	12.60	14.64	20.08	12.33	9.73	7.25	6.16
Instant coffee	6.02	8.85	9.27	5.30	4.38	3.56	3.26
Noncarbonated fruit flavored drinks	7.63	6.49	6.54	8.15	8.94	7.44	7.75
Tea	5.77	8.53	6.96	5.84	5.61	3.86	2.51
Other noncarbonated beverages	11.64	16.21	14.10	10.15	10.20	10.00	8.75
Nonalcoholic beer	0.16	0.21	0.26	0.23	0.07	0.08	0.00
Miscellaneous prepared foods	160.65	193.10	182.46	173.01	153.61	126.20	108.95
Soups	13.03	18.91	15.99	12.61	11.17	9.90	8.41
Frozen meals	8.40	19.53	9.51	8.60	7.09	3.33	2.33
Other frozen prepared food	22.91	26.98	23.99	24.61	22.20	20.81	17.00
Potato chips and other snacks	26.22	29.77	30.46	24.39	26.96	22.06	19.17
Nuts	7.06	8.67	11.35	6.21	5.01	4.55	4.40
Salt, seasonings, and spices	7.57	7.44	10.20	7.59	6.42	6.09	5.87
Olives, pickles, and relishes	4.23	5.23	5.47	4.22	3.45	2.84	3.69
Sauces and gravies	15.63	13.54	20.05	17.07	15.07	11.98	10.61
Other condiments	6.65	8.95	9.84	6.44	5.38	3.60	3.53
Prepared salads	5.93	8.45	8.25	5.73	5.02	3.83	2.68
Prepared desserts	3.94	5.06	4.15	4.42	3.81	3.16	2.57
Baby food	11.59	6.20	3.82	22.01	17.16	10.55	5.70
Other miscellaneous prepared foods	27.19	33.81	29.23	28.93	24.53	23.51	22.38
Vitamin supplements	0.29	0.57	0.18	0.20	0.35	0.00	0.63
Food away from home	640.96	1,054.94	925.47	590.90	476.99	397.37	271.50
Lunch	206.08	315.47	264.08	191.48	177.80	155.74	100.78
Dinner	301.86	503.35	443.63	282.19	217.15	173.10	129.01
Snacks and nonalcoholic beverages	48.69	78.56	55.43	49.65	46.15	32.33	23.86
Breakfast and brunch	46.81	78.03	65.58	42.44	35.14	34.85	17.04
Board including school meals	0.26	0.85	0.30	0.17	0.25	0.01	0.00
Catered meals	37.27	78.68	96.45	24.97	0.50	1.33	0.81
Alcoholic beverages	116.31	226.73	197.75	93.32	67.86	48.57	36.08

Notes: Numbers may not add due to rounding.

Expenditures less than 0.005 are denoted as 0.00

Table 4--Region and city size, 1997

Item	All	Metropolitan statistical area				Other urban
		Northeast	Midwest	South	West	
Household characteristics:						
Households (thousands)	91,783	18,474	18,259	27,474	19,860	7,716
Sample diaries (number)	10,525	2,057	2,250	2,954	2,543	721
Age of householder (years)	47.2	48.6	47.0	46.8	47.5	44.7
Income before taxes (dollars)	42,973	45,128	44,595	41,521	46,634	30,636
Income after taxes (percent)	92	91	91	93	92	92
Wage and salary income (percent)	76	78	81	78	71	66
Amount spent on food (percent)	10	11	10	10	10	11
Members per household (number)	2.53	2.47	2.53	2.59	2.62	2.27
Children under 18 years (number)	0.69	0.62	0.66	0.73	0.74	0.65
Adults over 64 years (number)	0.29	0.33	0.28	0.26	0.32	0.26
Vehicles per household (number)	1.6	1.4	1.7	1.6	1.7	1.5
Earners per household (number)	1.4	1.4	1.5	1.4	1.4	1.3
Homeownership (percent)	62	61	67	65	60	51
Average annual per person expenditure:		Dollars				
Food, total (excluding alcoholic beverages)	1,767.08	2,020.89	1,739.50	1,670.34	1,802.62	1,465.34
Food at home	1,126.11	1,178.06	1,100.62	1,092.08	1,194.84	992.02
Cereal and bakery products	181.11	203.94	187.14	166.47	185.45	152.27
Cereal and cereal products	64.12	71.00	64.79	58.76	68.23	54.02
Flour	3.17	3.36	2.81	3.16	3.39	3.01
Prepared flour mixes	5.85	4.78	7.33	5.47	5.95	6.04
Cereal	36.21	39.58	38.90	32.69	37.28	31.43
Rice	7.59	9.61	4.41	7.14	10.30	4.51
Pasta (dry) and cornmeal	11.30	13.67	11.34	10.30	11.31	9.03
Bakery products	116.99	132.94	122.35	107.71	117.22	98.25
White bread	16.07	18.44	18.79	14.01	14.03	17.14
Other bread	17.08	19.81	18.00	14.79	18.27	13.32
Fresh biscuits, rolls, and muffins	16.68	21.20	16.16	14.14	18.04	12.48
Cakes and cupcakes	14.05	17.14	12.55	13.80	13.95	11.27
Cookies	18.24	20.79	18.09	17.28	18.36	15.54
Crackers	9.22	8.15	9.70	9.25	10.01	8.35
Bread and cracker products	1.74	2.30	1.76	1.43	1.78	1.32
Doughnuts and sweetrolls	9.33	10.39	12.76	7.69	8.61	6.36
Frozen and refrigerated bakery products	9.11	9.00	9.15	10.23	8.34	7.00
Fresh pies, tarts, and turnovers	5.47	5.72	5.39	5.08	5.83	5.47
Meats, poultry, fish, and eggs	296.74	323.76	270.63	302.85	303.46	250.38
Meats	188.07	190.43	185.94	195.69	183.53	170.15
Beef	89.30	87.97	80.36	95.22	91.65	85.30
Ground beef (excluding canned)	32.43	31.41	30.68	33.86	32.15	34.68
Chuck roast	5.31	5.51	5.88	5.21	4.56	5.99
Round roast	5.05	5.02	4.46	5.62	4.85	4.90
Other roast	5.90	5.33	6.20	6.28	6.00	4.75
Round steak	6.83	5.97	4.80	6.86	9.23	7.22
Sirloin steak	9.64	10.88	8.42	9.92	9.28	9.59
Other steak	18.90	18.00	15.52	21.72	20.13	15.09
Other beef (excluding canned)	5.24	5.84	4.41	5.75	5.45	3.09
Pork	60.83	57.44	63.17	65.46	56.82	56.56
Bacon	9.63	8.13	9.86	10.45	9.34	10.50
Pork chops	15.40	16.73	14.50	17.85	12.65	12.55
Ham (excluding canned)	13.45	13.24	12.70	14.90	12.68	12.33
Other pork	12.12	9.97	14.28	11.09	13.04	13.48
Pork sausage	9.43	8.11	11.36	10.49	8.19	7.17
Canned ham	0.80	1.26	0.48	0.68	0.92	0.53

Continued --

Table 4--Region and city size, 1997 (continued)

Item	All	Metropolitan statistical area				Other urban
		Northeast	Midwest	South	West	
Other meats	37.95	45.02	42.42	35.00	35.07	28.29
Frankfurters	8.73	10.41	8.52	9.07	7.42	7.44
Bologna, liverwurst, and salami	9.28	10.69	11.53	8.15	8.04	7.97
Other lunch meats	16.52	19.51	20.12	13.88	16.17	11.05
Lamb and miscellaneous meats	3.41	4.41	2.25	3.89	3.43	1.83
Poultry	58.63	73.58	49.33	57.98	59.81	43.29
Fresh whole chicken	12.06	15.10	8.70	12.30	13.80	6.80
Fresh and frozen chicken parts	33.67	41.88	28.07	33.57	33.88	26.81
Other poultry	12.90	16.60	12.56	12.11	12.13	9.68
Fish and seafood	37.12	45.33	25.62	37.18	44.19	24.70
Canned fish and seafood	5.79	6.96	4.30	5.87	6.28	4.89
Fresh fish and shellfish	22.04	30.49	13.25	22.08	26.30	10.41
Frozen fish and shellfish	9.28	7.88	8.08	9.23	11.61	9.40
Eggs	12.92	14.42	9.73	12.00	15.92	12.25
Dairy	124.56	132.34	122.82	115.81	134.17	115.83
Fresh milk all types	46.23	46.89	45.96	42.99	49.58	48.37
Fresh cream	3.79	4.08	3.75	3.02	4.61	3.82
Butter	5.91	8.56	5.58	4.58	5.98	5.09
Cheese	37.57	38.29	38.95	36.03	39.12	33.70
Ice cream and related	21.48	23.19	20.07	20.67	23.47	18.05
Other including powdered milk and yogurt	9.58	11.33	8.51	8.51	11.41	6.81
Fruits and vegetables	191.73	213.87	179.55	176.89	213.32	162.27
Fresh fruits	61.30	69.02	62.64	54.19	66.55	50.96
Apples	11.38	11.62	11.81	10.86	11.62	10.99
Bananas	12.66	14.60	11.50	12.38	13.20	10.13
Oranges	7.22	9.15	7.26	5.47	7.98	6.86
Other fresh fruits	24.41	27.46	26.60	20.91	26.44	18.80
Other citrus fruits excluding oranges	5.64	6.18	5.46	4.56	7.31	4.18
Fresh vegetables	57.65	66.52	52.35	49.74	69.62	45.01
Potatoes	10.36	11.58	9.18	10.72	10.37	8.83
Lettuce	7.46	9.25	7.06	6.04	8.90	5.36
Tomatoes	9.58	12.16	8.53	8.38	10.92	6.57
Other fresh vegetables	30.24	33.54	27.58	24.61	39.42	24.25
Processed fruits	41.11	46.72	37.98	37.79	45.96	33.86
Frozen orange juice	3.36	3.07	3.36	3.01	4.01	3.60
Frozen fruits	0.79	0.46	1.00	0.83	0.88	0.63
Frozen fruit juices	1.79	1.33	2.07	1.12	2.55	2.69
Fresh fruit juice	8.20	10.89	8.05	6.57	8.88	6.22
Canned and bottled fruit juice	19.07	22.90	15.40	19.32	20.47	13.64
Canned fruits	5.55	5.46	5.80	4.78	6.64	5.04
Dried fruits	2.35	2.61	2.29	2.16	2.52	2.03
Processed vegetables	31.67	31.61	26.58	35.17	31.21	32.45
Frozen vegetables	10.59	12.07	9.40	11.71	9.22	9.40
Canned beans	4.63	4.11	3.99	5.36	4.34	5.62
Canned corn	2.80	2.21	2.45	3.52	2.42	3.51
Canned miscellaneous vegetables	6.62	6.22	5.43	7.75	6.48	6.62
Other processed vegetables	0.09	0.09	0.07	0.14	0.06	0.00
Other peas	0.10	0.09	0.06	0.15	0.08	0.02
Other beans	1.00	0.79	0.45	1.08	1.48	1.28
Other miscellaneous vegetables	2.82	2.79	2.43	2.82	3.21	2.72
Frozen vegetable juice	0.11	0.08	0.08	0.04	0.26	0.15
Fresh and canned vegetable juice	2.91	3.15	2.22	2.60	3.66	3.13
Sugar and sweets	44.84	43.63	46.99	45.14	45.51	39.12
Candy and chewing gum	27.68	26.40	29.87	26.97	29.69	22.23

Continued --

Table 4--Region and city size, 1997 (continued)

Item	All	Metropolitan statistical area				Other urban
		Northeast	Midwest	South	West	
Sugar	7.08	7.18	6.91	7.76	6.17	7.26
Artificial sweeteners	1.32	1.47	0.65	2.14	0.68	1.25
Other sweets	8.75	8.58	9.56	8.27	8.97	8.38
Fats and oils	31.45	33.16	28.00	31.73	32.88	30.68
Margarine	4.52	4.12	4.65	4.63	4.53	4.76
Other fats, oils, and salad dressings	9.54	11.56	6.96	9.87	10.11	7.97
Salad dressings	9.69	9.52	8.88	9.70	10.41	10.09
Nondairy creamer	3.24	2.85	3.38	3.04	3.75	3.14
Peanut butter	4.47	5.11	4.13	4.50	4.07	4.72
Beverages	95.03	89.51	96.00	97.23	95.15	97.62
Cola drinks	34.54	29.53	38.01	36.15	32.34	38.50
Other carbonated drinks	16.68	14.32	17.48	17.72	16.14	18.13
Roasted coffee	12.60	12.69	15.10	10.92	12.95	11.51
Instant coffee	6.02	7.37	5.56	5.60	6.33	4.51
Noncarbonated fruit flavored drinks	7.63	7.18	6.10	8.78	8.06	6.83
Tea	5.77	8.20	4.27	5.27	5.51	6.21
Other noncarbonated beverages	11.64	10.10	9.27	12.62	13.66	11.92
Nonalcoholic beer	0.16	0.12	0.21	0.17	0.17	0.00
Miscellaneous prepared foods	160.65	137.86	169.49	155.97	184.89	143.86
Soups	13.03	11.58	15.03	11.83	14.59	11.85
Frozen meals	8.40	6.28	10.00	7.74	10.56	6.02
Other frozen prepared food	22.91	16.61	28.22	23.80	23.71	19.44
Potato chips and other snacks	26.22	21.82	30.54	26.57	27.23	21.94
Nuts	7.06	6.91	7.16	5.94	8.72	6.84
Salt, seasonings, and spices	7.57	6.59	6.30	7.66	9.55	7.23
Olives, pickles, and relishes	4.23	3.47	4.31	4.41	4.80	3.56
Sauces and gravies	15.63	14.04	15.42	15.56	17.64	14.58
Other condiments	6.65	6.14	6.79	6.09	8.08	5.58
Prepared salads	5.93	5.77	6.95	6.04	5.48	4.59
Prepared desserts	3.94	4.16	4.27	3.49	4.44	2.81
Baby food	11.59	11.27	10.79	10.64	14.70	9.17
Other miscellaneous prepared foods	27.19	23.11	23.30	25.78	35.23	29.91
Vitamin supplements	0.29	0.11	0.40	0.41	0.16	0.34
Food away from home	640.96	842.83	638.88	578.25	607.78	473.32
Lunch	206.08	227.21	210.64	211.63	193.79	152.96
Dinner	301.86	336.70	322.28	279.12	311.08	222.28
Snacks and nonalcoholic beverages	48.69	54.83	53.27	42.08	48.79	47.08
Breakfast and brunch	46.81	51.85	49.66	40.67	51.18	38.11
Board including school meals	0.26	0.10	0.36	0.27	0.11	0.80
Catered meals	37.27	172.13	2.67	4.47	2.82	12.08
Alcoholic beverages	116.31	143.57	117.75	94.28	129.73	91.11

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00

Table 5--Season, 1997

Item	All	Season			
		Winter	Spring	Summer	Fall
Household characteristics:					
Households (thousands)	91,783	22,611	22,915	23,170	23,087
Sample diaries (number)	10,525	2,523	2,378	2,344	3,280
Age of householder (years)	47.2	46.8	47.6	47.2	47.0
Income before taxes (dollars)	42,973	42,352	42,891	43,518	43,129
Income after taxes (percent)	92	91	92	92	92
Wage and salary income (percent)	76	76	77	75	77
Amount spent on food (percent)	10	10	11	10	10
Members per household (number)	2.53	2.55	2.53	2.54	2.52
Children under 18 years (number)	0.69	0.70	0.68	0.69	0.68
Adults over 64 years (number)	0.29	0.29	0.29	0.30	0.30
Vehicles per household (number)	1.6	1.6	1.6	1.6	1.6
Earners per household (number)	1.4	1.4	1.4	1.4	1.4
Homeownership (percent)	62	62	62	63	62
Average annual per person expenditure:	<i>Dollars</i>				
Food, total (excluding alcoholic beverages)	1,767.08	1,723.40	1,896.90	1,742.45	1,705.60
Food at home	1,126.11	1,128.45	1,181.92	1,094.22	1,100.28
Cereal and bakery products	181.11	184.47	187.65	176.58	175.82
Cereal and cereal products	64.12	65.39	66.09	67.06	57.93
Flour	3.17	2.98	3.13	3.19	3.38
Prepared flour mixes	5.85	7.40	5.47	4.62	5.95
Cereal	36.21	36.13	37.07	39.95	31.63
Rice	7.59	8.18	7.92	7.61	6.66
Pasta (dry) and cornmeal	11.30	10.70	12.50	11.68	10.31
Bakery products	116.99	119.08	121.55	109.52	117.89
White bread	16.07	17.28	16.14	15.48	15.40
Other bread	17.08	17.55	16.94	17.06	16.77
Fresh biscuits, rolls, and muffins	16.68	15.68	18.75	16.53	15.74
Cakes and cupcakes	14.05	14.32	14.90	12.86	14.13
Cookies	18.24	18.60	19.19	17.17	18.01
Crackers	9.22	9.33	9.00	8.56	10.01
Bread and cracker products	1.74	1.89	1.18	1.63	2.25
Doughnuts and sweetrolls	9.33	11.56	10.56	7.16	8.09
Frozen and refrigerated bakery products	9.11	8.58	9.11	7.56	11.20
Fresh pies, tarts, and turnovers	5.47	4.29	5.78	5.50	6.29
Meats, poultry, fish, and eggs	296.74	299.99	318.21	289.84	279.03
Meats	188.07	184.47	205.05	190.76	171.96
Beef	89.30	89.59	100.99	92.08	74.52
Ground beef (excluding canned)	32.43	35.85	35.64	31.42	26.83
Chuck roast	5.31	6.33	6.22	4.74	3.98
Round roast	5.05	4.44	4.07	5.92	5.74
Other roast	5.90	4.68	7.05	6.90	4.94
Round steak	6.83	7.34	6.67	7.40	5.93
Sirloin steak	9.64	8.85	12.44	9.60	7.69
Other steak	18.90	16.31	22.53	21.48	15.24
Other beef (excluding canned)	5.24	5.79	6.38	4.61	4.17
Pork	60.83	60.44	62.55	59.02	61.31
Bacon	9.63	9.55	10.38	9.56	9.04
Pork chops	15.40	15.91	16.32	16.52	12.84
Ham (excluding canned)	13.45	12.75	12.04	12.64	16.38
Other pork	12.12	11.63	13.81	10.50	12.56
Pork sausage	9.43	9.78	9.14	9.42	9.37
Canned ham	0.80	0.82	0.86	0.37	1.13

Continued --

Table 5--Season, 1997 (continued)

Item	All	Season			
		Winter	Spring	Summer	Fall
Other meats	37.95	34.44	41.52	39.67	36.13
Frankfurters	8.73	7.17	10.13	9.89	7.72
Bologna, liverwurst, and salami	9.28	9.36	9.82	9.48	8.47
Other lunch meats	16.52	14.73	17.91	16.61	16.83
Lamb and miscellaneous meats	3.41	3.19	3.65	3.69	3.11
Poultry	58.63	59.92	59.28	55.24	60.14
Fresh whole chicken	12.06	12.87	12.75	11.61	11.02
Fresh and frozen chicken parts	33.67	36.88	34.98	33.12	29.74
Other poultry	12.90	10.17	11.55	10.51	19.39
Fish and seafood	37.12	41.78	40.95	31.59	34.24
Canned fish and seafood	5.79	6.43	5.65	4.89	6.20
Fresh fish and shellfish	22.04	23.70	24.73	20.17	19.60
Frozen fish and shellfish	9.28	11.65	10.57	6.53	8.43
Eggs	12.92	13.82	12.93	12.25	12.70
Dairy	124.56	120.28	130.28	125.30	122.34
Fresh milk all types	46.23	45.96	47.77	45.24	45.94
Fresh cream	3.79	3.34	3.71	3.69	4.41
Butter	5.91	5.61	6.08	4.80	7.19
Cheese	37.57	38.41	35.96	36.71	39.21
Ice cream and related	21.48	17.60	26.40	26.01	15.81
Other including powdered milk and yogurt	9.58	9.37	10.35	8.85	9.77
Fruits and vegetables	191.73	187.92	199.52	192.96	186.49
Fresh fruits	61.30	54.46	69.32	64.41	56.93
Apples	11.38	11.78	11.09	9.91	12.75
Bananas	12.66	12.28	14.09	12.71	11.54
Oranges	7.22	9.66	6.71	4.97	7.57
Other fresh fruits	24.41	15.99	31.41	31.33	18.75
Other citrus fruits excluding oranges	5.64	4.74	6.03	5.49	6.31
Fresh vegetables	57.65	59.00	58.18	57.99	55.42
Potatoes	10.36	10.35	9.31	10.16	11.61
Lettuce	7.46	8.08	7.68	7.12	6.98
Tomatoes	9.58	8.45	10.47	11.03	8.35
Other fresh vegetables	30.24	32.12	30.72	29.68	28.47
Processed fruits	41.11	41.45	41.68	40.37	40.96
Frozen orange juice	3.36	3.68	3.12	3.25	3.41
Frozen fruits	0.79	0.78	0.77	0.82	0.79
Frozen fruit juices	1.79	1.74	2.06	1.67	1.69
Fresh fruit juice	8.20	7.93	8.68	8.41	7.78
Canned and bottled fruit juice	19.07	19.79	18.90	18.86	18.75
Canned fruits	5.55	5.32	5.81	5.03	6.04
Dried fruits	2.35	2.20	2.35	2.33	2.50
Processed vegetables	31.67	33.02	30.34	30.19	33.18
Frozen vegetables	10.59	11.67	10.36	9.51	10.84
Canned beans	4.63	4.41	4.74	4.53	4.84
Canned corn	2.80	2.95	2.41	2.70	3.16
Canned miscellaneous vegetables	6.62	6.87	6.62	5.99	7.01
Other processed vegetables	0.09	0.13	0.09	0.01	0.12
Other peas	0.10	0.04	0.06	0.04	0.24
Other beans	1.00	1.10	0.84	1.10	0.96
Other miscellaneous vegetables	2.82	2.84	2.66	3.02	2.75
Frozen vegetable juice	0.11	0.06	0.16	0.15	0.08
Fresh and canned vegetable juice	2.91	2.96	2.38	3.13	3.18

Continued --

Table 5--Season, 1997 (continued)

Item	All	Season			
		Winter	Spring	Summer	Fall
Sugar and sweets	44.84	51.23	40.34	35.63	52.32
Candy and chewing gum	27.68	34.42	22.65	19.30	34.51
Sugar	7.08	6.90	7.18	6.89	7.36
Artificial sweeteners	1.32	1.39	1.39	1.03	1.46
Other sweets	8.75	8.51	9.12	8.41	8.98
Fats and oils	31.45	31.36	33.48	30.69	30.28
Margarine	4.52	4.97	4.30	4.17	4.65
Other fats, oils, and salad dressings	9.54	9.65	9.87	9.67	8.94
Salad dressings	9.69	9.24	10.89	10.08	8.53
Nondairy creamer	3.24	3.22	3.60	2.77	3.36
Peanut butter	4.47	4.27	4.81	4.00	4.79
Beverages	95.03	90.22	102.28	95.06	92.55
Cola drinks	34.54	30.29	38.85	35.02	33.98
Other carbonated drinks	16.68	16.03	18.90	16.27	15.52
Roasted coffee	12.60	13.25	11.31	12.15	13.68
Instant coffee	6.02	5.49	6.02	5.53	7.04
Noncarbonated fruit flavored drinks	7.63	6.97	8.57	8.22	6.73
Tea	5.77	5.86	6.10	6.30	4.82
Other noncarbonated beverages	11.64	12.18	12.32	11.52	10.54
Nonalcoholic beer	0.16	0.15	0.21	0.04	0.22
Miscellaneous prepared foods	160.65	162.98	170.16	148.16	161.47
Soups	13.03	15.46	11.25	10.54	14.93
Frozen meals	8.40	8.09	9.37	8.88	7.27
Other frozen prepared food	22.91	22.92	23.39	21.12	24.25
Potato chips and other snacks	26.22	26.77	26.86	25.22	26.05
Nuts	7.06	5.56	6.07	6.02	10.60
Salt, seasonings, and spices	7.57	8.42	6.70	7.08	8.10
Olives, pickles, and relishes	4.23	4.30	4.85	3.46	4.32
Sauces and gravies	15.63	17.20	16.85	14.18	14.31
Other condiments	6.65	5.66	5.85	6.57	8.51
Prepared salads	5.93	4.85	7.44	5.80	5.63
Prepared desserts	3.94	3.67	4.42	3.94	3.73
Baby food	11.59	11.93	16.70	8.47	9.31
Other miscellaneous prepared foods	27.19	27.90	30.43	26.42	24.04
Vitamin supplements	0.29	0.26	0.00	0.47	0.42
Food away from home	640.96	594.95	714.98	648.24	605.31
Lunch	206.08	210.85	207.16	196.72	209.71
Dinner	301.86	284.66	320.41	305.39	296.84
Snacks and nonalcoholic beverages	48.69	50.14	48.05	51.93	44.59
Breakfast and brunch	46.81	42.99	49.97	44.12	50.18
Board including school meals	0.26	0.12	0.01	0.40	0.50
Catered meals	37.27	6.19	89.37	49.68	3.49
Alcoholic beverages	116.31	113.04	110.24	119.75	122.16

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00

Table 6--Housing tenure, 1997

Table 6 Housing chart, 1997

Item	All	Homeowners			Others		
		Mortgage status			Renter	Occupied without cash rent	College housing
		With	Without	Unknown			
Household characteristics:							
Households (thousands)	91,783	34,636	18,813	3,743	32,326	1,328	937
Sample diaries (number)	10,525	4,051	2,232	443	3,551	159	89
Age of householder (years)	47.2	45.3	63.9	52.6	39.8	43.7	19.6
Income before taxes (dollars)	42,973	63,143	33,333	52,829	27,544	27,383	5,579
Income after taxes (percent)	92	91	91	94	93	94	100
Wage and salary income (percent)	76	83	49	70	79	72	47
Amount spent on food (percent)	10	9	12	5	13	14	16
Members per household (number)	2.53	3.12	2.09	2.36	2.23	2.56	1.00
Children under 18 years (number)	0.69	0.99	0.27	0.53	0.64	0.90	0.00
Adults over 64 years (number)	0.29	0.14	0.82	0.43	0.14	0.24	0.00
Vehicles per household (number)	1.6	2.1	1.7	1.0	1.1	1.1	0.4
Earners per household (number)	1.4	1.9	0.9	1.4	1.2	1.1	0.8
Homeownership (percent)	62	100	100	100	0	0	0
Average annual per person expenditure:		Dollars					
Food, total (excluding alcoholic beverages)	1,767.08	1,885.10	1,964.45	1,145.26	1,580.52	1,539.32	882.50
Food at home	1,126.11	1,156.66	1,324.75	726.32	1,034.28	1,065.73	318.75
Cereal and bakery products	181.11	189.69	211.72	114.73	161.94	166.02	59.73
Cereal and cereal products	64.12	65.07	69.95	46.37	62.33	60.13	30.67
Flour	3.17	3.02	3.96	2.87	3.03	3.49	0.00
Prepared flour mixes	5.85	6.64	7.26	2.05	4.45	5.35	0.83
Cereal	36.21	37.43	39.97	28.10	33.48	35.11	27.74
Rice	7.59	6.32	7.02	7.12	10.12	4.45	0.00
Pasta (dry) and cornmeal	11.30	11.66	11.74	6.22	11.24	11.72	2.10
Bakery products	116.99	124.62	141.78	68.36	99.62	105.88	29.06
White bread	16.07	15.39	18.30	9.01	17.04	13.63	2.31
Other bread	17.08	17.28	22.57	11.44	14.83	13.37	2.94
Fresh biscuits, rolls, and muffins	16.68	19.35	19.39	9.24	12.41	13.56	3.17
Cakes and cupcakes	14.05	16.02	15.15	5.75	11.89	9.25	1.78
Cookies	18.24	18.94	22.41	12.03	15.57	22.41	11.58
Crackers	9.22	10.13	12.95	5.75	6.42	7.76	2.33
Bread and cracker products	1.74	1.92	2.29	0.40	1.31	2.44	0.00
Doughnuts and sweetrolls	9.33	9.56	11.40	3.97	8.45	13.18	1.29
Frozen and refrigerated bakery products	9.11	10.02	10.75	7.16	7.29	6.48	3.67
Fresh pies, tarts, and turnovers	5.47	6.02	6.56	3.61	4.41	3.81	0.00
Meats, poultry, fish, and eggs	296.74	299.68	346.56	183.08	281.40	318.56	42.39
Meats	188.07	188.35	219.25	115.29	179.99	224.97	23.19
Beef	89.30	91.53	99.50	51.43	85.40	103.39	9.82
Ground beef (excluding canned)	32.43	32.02	37.07	19.85	32.14	37.59	7.29
Chuck roast	5.31	5.99	5.02	3.00	4.76	6.52	0.00
Round roast	5.05	5.40	6.04	2.26	4.45	3.48	0.00
Other roast	5.90	6.22	7.35	4.11	4.52	14.31	0.00
Round steak	6.83	6.77	6.90	6.26	7.09	5.26	2.54
Sirloin steak	9.64	10.19	11.39	4.77	8.49	11.67	0.00
Other steak	18.90	19.91	19.77	8.13	18.54	17.54	0.00
Other beef (excluding canned)	5.24	5.03	5.95	3.05	5.40	7.02	0.00
Pork	60.83	58.08	75.16	39.63	59.58	79.17	5.96
Bacon	9.63	9.25	11.94	6.20	9.49	9.16	1.42
Pork chops	15.40	14.53	15.72	7.54	17.32	23.50	0.00
Ham (excluding canned)	13.45	13.06	18.97	9.83	11.22	22.50	0.00
Other pork	12.12	11.35	16.40	8.34	11.42	14.42	2.99
Pork sausage	9.43	8.96	11.34	7.12	9.46	9.59	1.55
Canned ham	0.80	0.93	0.78	0.60	0.67	0.00	0.00

Continued --

Table 6--Housing tenure, 1997 (continued)

Table 6 - Housing tenure, 1997 (continued)							
Item	All	Homeowners			Renter	Others	
		Mortgage status				Occupied without cash rent	College housing
		With	Without	Unknown			
Other meats	37.95	38.74	44.59	24.23	35.02	42.41	7.40
Frankfurters	8.73	9.19	8.19	6.53	8.70	8.50	2.41
Bologna, liverwurst, and salami	9.28	8.65	12.10	5.54	9.26	9.09	2.08
Other lunch meats	16.52	17.66	20.74	10.07	13.34	19.64	2.91
Lamb and miscellaneous meats	3.41	3.24	3.56	2.09	3.71	5.19	0.00
Poultry	58.63	58.50	68.99	33.79	56.70	62.68	9.02
Fresh whole chicken	12.06	12.24	12.79	8.15	12.01	11.74	1.71
Fresh and frozen chicken parts	33.67	32.75	39.20	17.80	34.31	34.24	7.31
Other poultry	12.90	13.50	17.00	7.84	10.38	16.70	0.00
Fish and seafood	37.12	40.98	42.14	24.75	31.31	19.61	6.68
Canned fish and seafood	5.79	6.07	7.41	2.39	5.10	2.63	2.80
Fresh fish and shellfish	22.04	23.74	24.77	17.90	19.16	13.14	3.88
Frozen fish and shellfish	9.28	11.17	9.96	4.46	7.05	3.84	0.00
Eggs	12.92	11.85	16.18	9.25	13.40	11.30	3.50
Dairy	124.56	129.53	146.60	76.13	112.84	110.77	33.84
Fresh milk all types	46.23	45.87	55.48	31.47	44.21	40.65	13.53
Fresh cream	3.79	4.19	3.80	2.15	3.36	4.58	2.11
Butter	5.91	6.33	6.42	2.83	5.55	3.97	1.04
Cheese	37.57	40.78	41.75	18.39	33.15	38.87	7.68
Ice cream and related	21.48	22.76	27.43	14.89	17.68	13.77	5.76
Other including powdered milk and yogurt	9.58	9.59	11.72	6.39	8.91	8.93	3.71
Fruits and vegetables	191.73	188.40	234.62	146.22	182.55	158.61	34.64
Fresh fruits	61.30	59.24	77.66	47.48	58.19	53.64	11.46
Apples	11.38	11.92	12.52	7.53	10.58	9.51	4.78
Bananas	12.66	11.35	16.37	9.51	13.26	9.71	1.64
Oranges	7.22	6.87	7.19	4.19	8.20	6.74	3.41
Other fresh fruits	24.41	24.18	33.87	21.70	20.34	21.94	1.00
Other citrus fruits excluding oranges	5.64	4.92	7.72	4.55	5.80	5.74	0.63
Fresh vegetables	57.65	54.91	69.52	43.89	58.35	42.87	5.68
Potatoes	10.36	9.51	13.31	8.27	10.54	7.70	0.87
Lettuce	7.46	6.96	8.43	6.04	8.02	6.22	0.63
Tomatoes	9.58	8.95	10.94	7.54	10.28	7.01	0.80
Other fresh vegetables	30.24	29.49	36.85	22.04	29.51	21.95	3.38
Processed fruits	41.11	42.74	49.63	31.92	35.96	31.68	12.72
Frozen orange juice	3.36	3.47	4.35	1.79	2.80	4.61	2.33
Frozen fruits	0.79	0.75	1.13	0.30	0.74	0.17	1.55
Frozen fruit juices	1.79	2.04	1.62	0.77	1.69	1.26	0.00
Fresh fruit juice	8.20	9.05	8.64	9.27	6.82	5.13	0.00
Canned and bottled fruit juice	19.07	19.39	22.24	11.90	18.05	16.41	5.62
Canned fruits	5.55	5.73	7.94	5.82	4.10	3.18	2.50
Dried fruits	2.35	2.31	3.71	2.06	1.77	0.92	0.71
Processed vegetables	31.67	31.51	37.80	22.93	30.06	30.41	4.77
Frozen vegetables	10.59	11.39	11.37	8.34	9.43	9.10	1.80
Canned beans	4.63	4.41	5.92	2.54	4.53	5.42	1.12
Canned corn	2.80	2.52	3.59	1.22	3.05	2.51	0.00
Canned miscellaneous vegetables	6.62	6.69	8.67	4.65	5.71	6.44	1.85
Other processed vegetables	0.09	0.07	0.15	0.00	0.08	0.19	0.00
Other peas	0.10	0.09	0.08	0.00	0.14	0.00	0.00
Other beans	1.00	0.77	1.18	1.17	1.27	0.45	0.00
Other miscellaneous vegetables	2.82	2.77	2.91	1.80	3.00	2.87	0.00
Frozen vegetable juice	0.11	0.10	0.06	0.06	0.17	0.20	0.00
Fresh and canned vegetable juice	2.91	2.71	3.88	3.15	2.69	3.23	0.00

Continued --

Table 6--Housing tenure, 1997 (continued)

Item	All	Homeowners			Others		
		Mortgage status			Renter	Occupied without cash rent	College housing
		With	Without	Unknown			
Sugar and sweets	44.84	46.55	59.83	24.30	36.74	48.73	19.85
Candy and chewing gum	27.68	29.97	36.91	12.99	21.01	31.04	16.13
Sugar	7.08	6.06	8.96	5.66	7.74	9.23	1.75
Artificial sweeteners	1.32	1.16	2.49	1.00	0.95	1.57	0.00
Other sweets	8.75	9.36	11.47	4.66	7.04	6.89	1.97
Fats and oils	31.45	30.50	42.01	20.18	29.10	24.94	9.43
Margarine	4.52	4.33	6.64	2.84	4.00	2.67	0.70
Other fats, oils, and salad dressings	9.54	8.48	12.09	6.40	10.27	8.24	1.56
Salad dressings	9.69	10.04	12.18	6.72	8.39	6.76	2.61
Nondairy creamer	3.24	3.05	5.78	1.72	2.36	2.83	1.65
Peanut butter	4.47	4.59	5.32	2.49	4.08	4.43	2.91
Beverages	95.03	99.23	108.12	60.56	86.57	85.82	71.16
Cola drinks	34.54	36.07	37.34	21.17	32.23	36.69	37.09
Other carbonated drinks	16.68	17.03	18.20	9.48	16.46	11.89	15.71
Roasted coffee	12.60	13.74	17.10	7.17	9.44	8.55	0.00
Instant coffee	6.02	5.74	9.29	4.70	4.83	6.31	4.31
Noncarbonated fruit flavored drinks	7.63	8.32	6.21	3.29	8.02	5.12	6.34
Tea	5.77	5.25	9.17	3.92	4.98	5.76	1.80
Other noncarbonated beverages	11.64	12.86	10.69	10.67	10.52	11.49	5.91
Nonalcoholic beer	0.16	0.21	0.12	0.15	0.09	0.00	0.00
Miscellaneous prepared foods	160.65	173.09	175.29	101.12	143.14	152.28	47.71
Soups	13.03	12.91	17.29	7.52	11.72	12.61	4.39
Frozen meals	8.40	8.45	9.30	9.11	7.75	10.21	2.28
Other frozen prepared food	22.91	24.47	24.49	9.74	21.68	20.78	4.34
Potato chips and other snacks	26.22	31.45	26.12	12.76	20.62	18.70	11.01
Nuts	7.06	7.46	10.43	4.90	5.12	3.87	1.67
Salt, seasonings, and spices	7.57	7.91	8.67	4.36	6.97	6.85	1.60
Olives, pickles, and relishes	4.23	4.34	5.89	2.57	3.48	2.37	1.90
Sauces and gravies	15.63	17.03	16.64	10.73	13.71	15.65	4.79
Other condiments	6.65	7.01	9.38	3.56	5.20	4.02	0.00
Prepared salads	5.93	6.65	6.88	3.26	4.72	5.83	2.09
Prepared desserts	3.94	4.15	5.35	2.94	2.99	4.50	0.79
Baby food	11.59	12.65	6.01	18.04	11.92	21.83	0.00
Other miscellaneous prepared foods	27.19	28.20	28.36	11.65	27.24	25.05	12.85
Vitamin supplements	0.29	0.43	0.49	0.00	0.01	0.00	0.00
Food away from home	640.96	728.44	639.71	418.94	546.24	473.59	563.75
Lunch	206.08	228.29	211.52	131.15	181.03	163.57	196.63
Dinner	301.86	329.00	338.38	194.42	257.25	246.65	276.54
Snacks and nonalcoholic beverages	48.69	54.28	34.49	35.00	50.17	34.94	61.59
Breakfast and brunch	46.81	49.90	48.63	24.94	44.96	28.43	29.00
Board including school meals	0.26	0.33	0.04	0.18	0.30	0.00	0.00
Catered meals	37.27	66.64	6.63	33.24	12.53	0.00	0.00
Alcoholic beverages	116.31	115.85	121.38	70.54	119.93	125.09	80.28

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00

Table 7--Income quintile, 1997

Item	All	Income quintile					Incomplete reporting of income
		First (lowest)	Second	Third (middle)	Fourth	Fifth (highest)	
Household characteristics:							
Households (thousands)	91,783	13,505	13,667	13,822	14,059	15,195	21,536
Sample diaries (number)	10,525	1,450	1,566	1,579	1,612	1,839	2,479
Age of householder (years)	47.2	49.4	52.0	45.8	43.9	45.3	47.1
Income before taxes (dollars)	42,973	7,303	17,861	30,962	48,709	102,878	NA
Income after taxes (percent)	92	103	96	93	91	90	NA
Wage and salary income (percent)	76	35	50	73	82	81	NA
Amount spent on food (percent)	10	35	20	13	11	7	NA
Members per household (number)	2.53	1.78	2.30	2.47	2.88	3.18	2.51
Children under 18 years (number)	0.69	0.44	0.62	0.65	0.89	0.92	0.62
Adults over 64 years (number)	0.29	0.39	0.52	0.34	0.16	0.12	0.27
Vehicles per household (number)	1.6	0.9	1.3	1.6	2.0	2.3	1.4
Earners per household (number)	1.4	0.7	1.0	1.4	1.8	2.1	1.4
Homeownership (percent)	62	35	53	59	74	86	64
Average annual per person expenditure:	Dollars						
Food, total (excluding alcoholic beverages)	1,767.08	1,420.85	1,541.12	1,662.07	1,818.21	2,206.33	1,687.18
Food at home	1,126.11	1,038.52	1,113.42	1,111.75	1,134.90	1,285.93	1,031.82
Cereal and bakery products	181.11	160.58	179.81	173.38	181.65	209.39	170.15
Cereal and cereal products	64.12	58.24	63.48	63.84	62.80	72.66	60.63
Flour	3.17	3.27	3.65	3.26	2.63	3.16	3.21
Prepared flour mixes	5.85	5.59	5.73	5.92	5.48	8.16	4.22
Cereal	36.21	31.03	33.64	34.98	36.85	42.11	35.01
Rice	7.59	7.96	9.01	8.39	6.28	6.27	8.26
Pasta (dry) and cornmeal	11.30	10.38	11.46	11.29	11.56	12.96	9.94
Bakery products	116.99	102.34	116.33	109.54	118.85	136.73	109.51
White bread	16.07	17.17	19.14	16.06	14.80	16.68	14.21
Other bread	17.08	16.45	15.87	17.98	16.56	19.86	15.41
Fresh biscuits, rolls, and muffins	16.68	11.12	13.21	15.01	18.08	23.89	14.70
Cakes and cupcakes	14.05	11.08	15.20	11.65	16.28	13.76	14.80
Cookies	18.24	16.07	18.92	16.54	17.42	21.67	17.43
Crackers	9.22	8.44	7.41	9.56	9.40	11.43	8.30
Bread and cracker products	1.74	0.90	1.68	1.98	1.64	2.22	1.62
Doughnuts and sweetrolls	9.33	8.71	12.39	8.34	8.41	9.78	8.75
Frozen and refrigerated bakery products	9.11	7.93	7.17	8.46	9.93	10.29	9.50
Fresh pies, tarts, and turnovers	5.47	4.46	5.35	3.96	6.32	7.15	4.79
Meats, poultry, fish, and eggs	296.74	282.45	312.38	304.02	282.14	316.92	282.28
Meats	188.07	177.85	200.31	196.05	185.30	193.73	177.47
Beef	89.30	83.78	89.40	94.53	92.34	91.22	84.38
Ground beef (excluding canned)	32.43	32.36	36.77	35.32	32.16	29.93	30.53
Chuck roast	5.31	5.63	4.68	5.58	7.17	4.77	4.48
Round roast	5.05	5.48	3.60	5.46	3.87	5.42	5.98
Other roast	5.90	4.68	6.18	5.66	5.96	5.87	6.40
Round steak	6.83	6.67	9.13	6.62	7.46	6.73	5.33
Sirloin steak	9.64	6.43	8.00	11.05	10.82	11.79	8.34
Other steak	18.90	18.39	16.40	17.81	20.79	21.17	17.83
Other beef (excluding canned)	5.24	4.14	4.64	7.04	4.12	5.55	5.49
Pork	60.83	60.15	71.06	64.83	52.97	61.57	57.87
Bacon	9.63	9.22	12.37	10.78	7.35	9.91	8.96
Pork chops	15.40	14.76	18.92	16.23	13.10	14.65	15.51
Ham (excluding canned)	13.45	12.45	13.98	12.55	14.14	14.67	12.55
Other pork	12.12	12.73	12.66	13.77	10.13	12.22	11.91
Pork sausage	9.43	9.69	12.27	10.32	7.92	9.22	8.41
Canned ham	0.80	1.30	0.86	1.18	0.33	0.92	0.53

Continued --

Table 7--Income quintile, 1997 (continued)

Item	All	Income quintile					Incomplete reporting of income
		First (lowest)	Second	Third (middle)	Fourth	Fifth (highest)	
Other meats	37.95	33.93	39.85	36.69	39.99	40.94	35.22
Frankfurters	8.73	7.84	9.51	8.47	9.49	9.09	7.95
Bologna, liverwurst, and salami	9.28	9.19	10.37	9.18	9.52	8.20	9.55
Other lunch meats	16.52	14.67	15.32	15.37	18.46	20.11	14.12
Lamb and miscellaneous meats	3.41	2.23	4.65	3.68	2.53	3.54	3.59
Poultry	58.63	56.56	59.66	56.17	54.40	64.80	58.17
Fresh whole chicken	12.06	12.98	13.37	12.71	9.64	12.46	11.93
Fresh and frozen chicken parts	33.67	33.53	34.41	31.83	32.77	36.16	32.92
Other poultry	12.90	10.06	11.89	11.63	12.00	16.17	13.32
Fish and seafood	37.12	33.78	37.04	38.15	30.11	46.40	34.93
Canned fish and seafood	5.79	4.65	6.14	5.71	6.90	5.32	5.74
Fresh fish and shellfish	22.04	20.70	21.39	24.65	15.56	27.85	21.04
Frozen fish and shellfish	9.28	8.42	9.51	7.80	7.65	13.23	8.15
Eggs	12.92	14.26	15.37	13.65	12.32	12.00	11.71
Dairy	124.56	112.07	123.27	119.89	132.34	149.15	105.96
Fresh milk all types	46.23	44.65	49.34	48.67	46.82	49.91	39.82
Fresh cream	3.79	3.37	3.83	3.62	4.32	4.54	2.98
Butter	5.91	5.38	5.76	5.25	6.12	7.03	5.51
Cheese	37.57	32.17	32.70	36.13	42.78	48.23	30.26
Ice cream and related	21.48	19.01	21.36	18.68	21.86	26.33	19.77
Other including powdered milk and yogurt	9.58	7.48	10.28	7.54	10.44	13.10	7.62
Fruits and vegetables	191.73	180.15	190.96	185.13	178.84	223.15	183.04
Fresh fruits	61.30	55.86	58.55	61.98	57.76	73.05	57.02
Apples	11.38	11.26	9.83	10.33	11.02	13.39	11.46
Bananas	12.66	12.85	13.17	12.29	11.54	15.00	11.24
Oranges	7.22	7.42	8.15	6.91	6.57	7.98	6.59
Other fresh fruits	24.41	19.84	22.23	25.62	23.88	29.74	22.56
Other citrus fruits excluding oranges	5.64	4.49	5.17	6.83	4.75	6.96	5.17
Fresh vegetables	57.65	54.67	60.91	52.99	49.36	68.73	56.31
Potatoes	10.36	11.12	10.01	9.86	8.72	11.41	10.83
Lettuce	7.46	6.82	7.75	6.34	6.29	8.42	8.31
Tomatoes	9.58	8.93	9.96	9.81	8.57	10.96	9.04
Other fresh vegetables	30.24	27.80	33.19	26.99	25.78	37.93	28.12
Processed fruits	41.11	37.79	40.39	37.56	40.42	48.52	39.14
Frozen orange juice	3.36	2.61	3.14	2.90	3.40	4.34	3.21
Frozen fruits	0.79	0.33	0.66	0.66	0.61	1.29	0.83
Frozen fruit juices	1.79	1.45	1.54	1.75	2.52	1.97	1.40
Fresh fruit juice	8.20	7.22	7.61	8.98	7.62	9.99	7.34
Canned and bottled fruit juice	19.07	18.25	19.82	15.46	18.55	22.32	18.77
Canned fruits	5.55	5.31	5.06	5.55	5.51	6.12	5.46
Dried fruits	2.35	2.61	2.57	2.27	2.22	2.48	2.12
Processed vegetables	31.67	31.83	31.11	32.59	31.30	32.85	30.58
Frozen vegetables	10.59	9.37	8.44	10.19	11.72	12.32	10.24
Canned beans	4.63	4.94	5.17	4.70	4.47	4.35	4.51
Canned corn	2.80	3.21	2.86	3.29	2.44	2.59	2.75
Canned miscellaneous vegetables	6.62	6.27	6.34	7.55	6.70	6.69	6.23
Other processed vegetables	0.09	0.07	0.15	0.10	0.09	0.11	0.02
Other peas	0.10	0.03	0.33	0.02	0.07	0.10	0.06
Other beans	1.00	1.66	1.31	1.02	0.59	0.68	1.11
Other miscellaneous vegetables	2.82	3.15	3.27	3.16	2.28	2.88	2.54
Frozen vegetable juice	0.11	0.02	0.12	0.21	0.15	0.03	0.13
Fresh and canned vegetable juice	2.91	3.11	3.13	2.35	2.79	3.09	2.98

Continued --

Table 7--Income quintile, 1997 (continued)

Item	All	Income quintile					Incomplete reporting of income
		First (lowest)	Second	Third (middle)	Fourth	Fifth (highest)	
Sugar and sweets	44.84	41.64	40.85	45.08	45.30	52.46	41.26
Candy and chewing gum	27.68	23.08	23.04	28.19	29.39	34.40	24.83
Sugar	7.08	9.01	9.19	7.27	6.18	5.98	6.54
Artificial sweeteners	1.32	1.68	1.13	1.34	0.99	1.36	1.46
Other sweets	8.75	7.87	7.48	8.29	8.73	10.72	8.44
Fats and oils	31.45	33.37	33.26	31.48	29.99	32.27	29.88
Margarine	4.52	5.09	5.07	4.90	3.91	4.68	4.02
Other fats, oils, and salad dressings	9.54	11.04	12.32	8.74	8.27	8.64	9.50
Salad dressings	9.69	9.36	8.41	10.54	10.95	10.89	8.01
Nondairy creamer	3.24	3.11	2.82	3.63	2.91	3.39	3.39
Peanut butter	4.47	4.77	4.63	3.67	3.96	4.67	4.95
Beverages	95.03	90.76	84.40	91.74	106.53	108.15	84.84
Cola drinks	34.54	32.91	28.82	37.40	38.16	38.16	30.84
Other carbonated drinks	16.68	16.62	15.32	16.67	18.59	19.18	13.85
Roasted coffee	12.60	11.56	10.75	10.83	12.61	15.46	12.67
Instant coffee	6.02	7.00	5.44	5.25	6.82	6.22	5.63
Noncarbonated fruit flavored drinks	7.63	7.74	7.30	6.45	8.58	8.64	6.89
Tea	5.77	5.26	5.61	6.22	6.45	5.86	5.23
Other noncarbonated beverages	11.64	9.63	10.98	8.80	15.10	14.49	9.55
Nonalcoholic beer	0.16	0.04	0.19	0.12	0.22	0.13	0.17
Miscellaneous prepared foods	160.65	137.49	148.49	161.03	178.11	194.44	134.43
Soups	13.03	12.85	12.89	12.79	13.51	13.67	12.43
Frozen meals	8.40	8.03	9.00	9.36	9.62	8.32	6.77
Other frozen prepared food	22.91	17.94	20.81	22.67	27.11	28.59	18.27
Potato chips and other snacks	26.22	19.78	21.35	24.35	31.74	33.98	22.02
Nuts	7.06	5.43	6.13	7.23	7.96	8.12	6.60
Salt, seasonings, and spices	7.57	7.85	7.46	7.53	7.54	9.03	6.26
Olives, pickles, and relishes	4.23	3.26	4.33	4.01	4.77	5.42	3.26
Sauces and gravies	15.63	11.57	14.42	15.18	17.72	21.51	11.57
Other condiments	6.65	5.29	5.64	6.88	7.25	7.75	6.24
Prepared salads	5.93	4.05	4.03	5.46	6.32	7.91	6.11
Prepared desserts	3.94	3.33	4.00	3.95	3.77	5.17	3.19
Baby food	11.59	8.84	10.13	14.51	10.61	13.69	10.68
Other miscellaneous prepared foods	27.19	29.28	28.26	26.54	29.60	30.78	21.02
Vitamin supplements	0.29	0.00	0.03	0.56	0.58	0.48	0.00
Food away from home	640.96	382.33	427.70	550.31	683.32	920.40	655.36
Lunch	206.08	116.54	150.45	185.67	230.00	300.96	188.24
Dinner	301.86	201.34	199.44	253.81	338.31	440.30	285.22
Snacks and nonalcoholic beverages	48.69	34.59	36.95	48.88	58.31	69.98	35.37
Breakfast and brunch	46.81	26.34	37.22	49.38	54.55	57.02	44.92
Board including school meals	0.26	0.11	0.02	0.22	0.01	0.60	0.37
Catered meals	37.27	3.41	3.61	12.35	2.13	51.53	101.23
Alcoholic beverages	116.31	79.33	79.15	123.19	121.47	177.52	91.35

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00

Table 8--Income class, 1997

Item	All	Income class ¹								
		Under	\$5,000	\$10,000	\$15,000	\$20,000	\$30,000	\$40,000	\$50,000	\$70,000
		\$5,000	to \$9,999	to \$14,999	to \$19,999	to \$29,999	to \$39,999	to \$49,999	to \$69,999	and over
Household characteristics:										
Households (thousands)	91,783	2,978	6,819	6,988	6,135	10,006	9,126	6,867	9,514	11,814
Sample diaries (number)	10,525	322	736	776	690	1,137	1,056	775	1,123	1,431
Age of householder (years)	47.2	39.9	51.8	55.0	51.8	47.9	44.7	44.1	43.4	45.5
Income before taxes (dollars)	42,973	1,982	7,605	12,201	17,451	24,638	34,529	44,546	58,708	113,642
Income after taxes (percent)	92	168	100	97	97	96	92	92	90	90
Wage and salary income (percent)	76	76	27	37	45	65	78	81	84	80
Amount spent on food (percent)	10	117	33	24	20	15	13	11	10	6
Members per household (number)	2.53	1.70	1.73	2.02	2.29	2.42	2.57	2.86	3.02	3.17
Children under 18 years (number)	0.69	0.43	0.43	0.48	0.65	0.64	0.70	0.89	0.95	0.89
Adults over 64 years (number)	0.29	0.16	0.45	0.55	0.53	0.40	0.27	0.15	0.15	0.12
Vehicles per household (number)	1.6	0.8	0.8	1.1	1.2	1.5	1.8	2.0	2.2	2.3
Earners per household (number)	1.4	0.8	0.6	0.8	0.9	1.3	1.5	1.8	1.	9 2.1
Homeownership (percent)	62	28	34	46	55	54	60	72	78	88
Average annual per person expenditure: <i>Dollars</i>										
Food, total (excluding alcoholic beverages)	1,767.08	1,359.34	1,434.36	1,430.47	1,558.98	1,567.75	1,747.75	1,782.62	1,868.94	2,301.50
Food at home	1,126.11	931.35	1,053.65	1,072.45	1,138.48	1,083.87	1,146.91	1,137.42	1,142.78	1,322.40
Cereal and bakery products	181.11	155.99	155.81	165.11	177.42	174.06	185.41	181.74	179.14	218.74
Cereal and cereal products	64.12	51.75	55.41	66.63	64.28	57.69	69.47	60.43	64.86	74.76
Flour	3.17	1.08	3.59	3.76	4.84	2.51	3.45	3.15	3.06	2.77
Prepared flour mixes	5.85	2.50	5.45	5.99	6.14	6.35	5.57	5.59	5.84	8.63
Cereal	36.21	33.32	29.05	33.18	33.61	30.30	40.03	35.02	37.59	43.68
Rice	7.59	6.14	7.02	12.02	7.28	8.21	8.45	6.30	6.38	6.12
Pasta (dry) and commmeal	11.30	8.71	10.31	11.69	12.40	10.32	11.96	10.38	11.98	13.55
Bakery products	116.99	104.23	100.39	98.48	113.14	116.37	115.94	121.31	114.28	143.98
White bread	16.07	18.15	15.98	15.38	17.90	19.91	16.65	15.71	14.55	16.59
Other bread	17.08	15.59	16.12	15.05	16.08	17.96	18.31	16.43	15.28	21.53
Fresh biscuits, rolls, and muffins	16.68	8.17	9.92	13.02	13.65	13.96	15.63	19.23	17.29	25.91
Cakes and cupcakes	14.05	18.60	10.28	9.85	14.16	13.85	12.36	17.51	13.81	14.63
Cookies	18.24	14.45	16.10	19.59	17.49	15.80	18.58	17.33	17.46	22.80
Crackers	9.22	6.19	9.77	7.13	7.58	8.17	10.00	8.32	9.91	12.34
Bread and cracker products	1.74	1.53	0.67	0.90	2.15	1.88	1.87	1.55	1.71	2.36
Doughnuts and sweetrolls	9.33	7.60	9.73	5.99	9.52	13.37	9.10	8.87	8.26	10.06
Frozen and refrigerated bakery products	9.11	8.46	8.49	6.98	8.60	6.99	8.24	10.05	10.14	10.45
Fresh pies, tarts, and turnovers	5.47	5.48	3.32	4.59	6.01	4.48	5.20	6.31	5.86	7.30
Meats, poultry, fish, and eggs	296.74	264.24	284.49	303.63	326.67	301.46	294.73	282.83	293.08	320.37
Meats	188.07	146.46	181.23	199.91	210.43	193.62	187.93	185.77	190.25	194.37
Beef	89.30	72.42	80.39	92.21	94.43	92.26	89.65	86.70	99.78	89.66
Ground beef (excluding canned)	32.43	26.90	34.03	36.86	39.20	31.85	36.08	33.92	31.53	29.20
Chuck roast	5.31	2.36	5.80	6.49	4.95	5.43	4.49	4.87	8.64	4.58
Round roast	5.05	5.23	4.62	5.28	4.78	3.94	4.83	4.36	4.21	5.66
Other roast	5.90	1.69	4.61	6.77	7.35	5.22	5.23	6.46	6.40	5.45
Round steak	6.83	5.28	6.68	7.54	7.28	9.56	6.30	6.66	8.90	5.91
Sirloin steak	9.64	6.44	5.45	9.04	6.89	11.54	9.20	10.54	10.84	12.21
Other steak	18.90	19.37	15.59	16.14	19.77	16.52	18.55	16.62	24.96	20.45
Other beef (excluding canned)	5.24	5.14	3.60	4.09	4.22	8.20	4.98	3.28	4.31	6.19
Pork	60.83	41.07	65.27	75.10	73.46	63.84	60.13	56.82	54.45	61.73
Bacon	9.63	7.57	10.33	12.45	12.33	10.47	10.30	7.20	8.31	9.92
Pork chops	15.40	12.42	17.32	18.30	20.68	15.48	14.49	11.72	15.56	14.30
Ham (excluding canned)	13.45	7.48	10.47	16.32	14.57	13.00	12.14	14.46	13.61	15.44
Other pork	12.12	6.77	15.03	14.34	12.98	13.04	11.77	13.70	9.20	12.12
Pork sausage	9.43	5.98	10.79	12.57	11.83	11.16	9.76	9.52	7.22	9.16
Canned ham	0.80	0.85	1.33	1.13	1.06	0.67	1.68	0.21	0.56	0.79

Continued --

Table 8--Income class, 1997 (continued)

Item	All	Income class ¹								
		Under \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$69,999	\$70,000 and over
Other meats	37.95	32.97	35.57	32.59	42.53	37.53	38.15	42.25	36.02	42.99
Frankfurters	8.73	8.48	8.44	6.26	11.74	7.91	9.49	10.49	8.33	9.24
Bologna, liverwurst, and salami	9.28	6.80	10.41	9.17	10.73	9.09	9.87	8.85	10.03	7.79
Other lunch meats	16.52	16.25	14.72	12.99	16.01	15.72	15.85	19.48	15.87	22.00
Lamb and miscellaneous meats	3.41	1.44	2.00	4.16	4.06	4.81	2.94	3.44	1.79	3.96
Poultry	58.63	52.93	56.68	61.21	57.68	56.03	57.94	55.54	56.26	65.64
Fresh whole chicken	12.06	14.14	12.77	14.55	12.11	12.09	12.97	8.49	11.38	12.58
Fresh and frozen chicken parts	33.67	30.60	34.90	32.35	36.18	31.60	33.31	33.44	34.12	35.68
Other poultry	12.90	8.19	9.01	14.31	9.38	12.34	11.66	13.61	10.76	17.38
Fish and seafood	37.12	51.16	32.56	28.07	43.38	37.00	34.61	29.64	34.59	48.35
Canned fish and seafood	5.79	4.28	4.55	5.18	6.77	5.03	6.71	5.70	6.86	5.47
Fresh fish and shellfish	22.04	34.31	20.57	15.57	24.03	25.10	20.16	15.47	18.95	29.01
Frozen fish and shellfish	9.28	12.58	7.44	7.32	12.58	6.87	7.74	8.47	8.78	13.88
Eggs	12.92	13.68	14.03	14.44	15.18	14.81	14.25	11.88	11.99	12.01
Dairy	124.56	102.66	110.17	122.23	120.54	119.88	125.48	132.11	130.69	155.04
Fresh milk all types	46.23	40.76	43.48	48.63	48.55	49.29	49.80	48.26	46.35	49.91
Fresh cream	3.79	3.34	2.81	4.03	4.24	3.68	3.56	4.27	3.98	4.89
Butter	5.91	4.43	5.68	4.70	6.40	5.88	5.00	5.91	6.69	7.06
Cheese	37.57	31.55	30.96	31.41	33.81	33.65	39.07	43.36	40.72	50.87
Ice cream and related	21.48	16.88	20.31	19.74	20.04	19.89	18.88	20.51	23.18	27.96
Other including powdered milk and yogurt	9.58	5.70	6.94	13.71	7.50	7.49	9.17	9.81	9.77	14.36
Fruits and vegetables	191.73	163.40	186.90	188.36	191.70	181.94	188.87	178.68	186.27	230.05
Fresh fruits	61.30	55.70	56.33	56.91	54.44	62.50	62.14	56.58	65.92	71.64
Apples	11.38	14.21	10.81	9.74	9.07	9.47	11.43	10.13	12.81	13.28
Bananas	12.66	14.71	11.38	13.56	13.06	11.77	13.58	11.37	14.74	13.40
Oranges	7.22	6.95	6.81	9.17	7.42	8.13	6.02	6.55	6.92	8.22
Other fresh fruits	24.41	16.92	22.11	19.69	20.08	26.11	24.94	24.12	25.53	30.06
Other citrus fruits excluding oranges	5.64	2.92	5.22	4.75	4.81	7.03	6.17	4.41	5.91	6.69
Fresh vegetables	57.65	43.65	59.40	56.29	61.04	55.90	54.20	49.27	51.96	72.19
Potatoes	10.36	7.52	12.13	10.70	10.14	9.76	10.01	8.68	9.29	11.77
Lettuce	7.46	6.31	7.61	6.95	7.80	6.72	6.52	5.92	6.90	8.72
Tomatoes	9.58	6.13	9.00	9.61	10.02	10.10	9.60	8.47	9.21	11.37
Other fresh vegetables	30.24	23.69	30.67	29.04	33.08	29.31	28.07	26.20	26.56	40.33
Processed fruits	41.11	36.55	40.14	39.15	44.20	34.20	40.00	38.89	40.11	51.56
Frozen orange juice	3.36	1.99	2.77	2.76	3.52	2.96	2.69	3.64	3.95	4.20
Frozen fruits	0.79	0.21	0.53	0.53	0.60	0.65	0.82	0.75	0.52	1.35
Frozen fruit juices	1.79	1.42	0.82	2.09	1.35	1.82	1.54	2.42	2.28	2.19
Fresh fruit juice	8.20	7.47	8.78	6.13	8.89	6.87	9.83	7.29	7.67	10.62
Canned and bottled fruit juice	19.07	18.95	18.48	19.94	22.02	14.60	16.66	17.82	18.12	24.07
Canned fruits	5.55	4.28	5.46	5.31	5.42	4.95	5.91	5.06	5.26	6.66
Dried fruits	2.35	2.22	3.30	2.39	2.41	2.35	2.56	1.91	2.30	2.47
Processed vegetables	31.67	27.49	31.02	36.01	32.01	29.35	32.53	33.94	28.29	34.65
Frozen vegetables	10.59	10.50	8.94	9.20	8.22	8.06	11.64	13.05	9.83	13.30
Canned beans	4.63	3.28	4.97	5.36	5.50	4.91	4.60	4.84	3.93	4.55
Canned corn	2.80	2.61	3.62	3.08	2.98	3.45	2.50	2.48	2.67	2.53
Canned miscellaneous vegetables	6.62	5.86	5.04	8.50	6.32	7.03	6.57	6.92	6.30	7.04
Other processed vegetables	0.09	0.13	0.09	0.28	0.05	0.06	0.08	0.03	0.11	0.15
Other peas	0.10	0.05	0.05	0.53	0.09	0.08	0.02	0.02	0.13	0.09
Other beans	1.00	1.14	1.03	2.44	1.34	0.80	1.22	0.76	0.48	0.67
Other miscellaneous vegetables	2.82	1.73	3.95	3.59	3.36	2.51	3.17	2.40	2.49	2.97
Frozen vegetable juice	0.11	0.03	0.00	0.08	0.09	0.14	0.23	0.22	0.07	0.03
Fresh and canned vegetable juice	2.91	2.15	3.33	2.95	4.06	2.30	2.49	3.20	2.28	3.33

Continued --

Table 8--Income class, 1997 (continued)

Item	All	Income class ¹								
		Under \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$69,999	\$70,000 and over
Sugar and sweets	44.84	32.19	48.74	36.96	43.08	39.02	48.11	45.81	47.27	53.45
Candy and chewing gum	27.68	16.07	28.53	19.12	24.79	22.47	31.29	29.61	30.18	35.60
Sugar	7.08	6.65	10.92	9.30	9.20	7.80	6.80	6.00	6.73	5.64
Artificial sweeteners	1.32	2.29	1.69	0.91	1.25	1.79	0.81	0.91	1.20	1.36
Other sweets	8.75	7.18	7.60	7.63	7.84	6.96	9.20	9.29	9.15	10.85
Fats and oils	31.45	28.64	33.75	33.25	36.91	30.35	32.79	28.71	31.16	32.18
Margarine	4.52	4.70	5.49	5.67	4.74	4.65	4.90	3.85	3.70	5.06
Other fats, oils, and salad dressings	9.54	5.47	11.92	12.18	14.65	9.96	9.04	7.65	8.54	8.26
Salad dressings	9.69	9.92	9.27	8.18	9.63	8.65	11.17	10.44	11.38	10.84
Nondairy creamer	3.24	3.19	2.76	2.81	3.18	3.40	3.51	3.19	2.42	3.73
Peanut butter	4.47	5.35	4.30	4.41	4.70	3.69	4.18	3.58	5.12	4.30
Beverages	95.03	73.35	92.62	88.61	83.02	89.14	98.21	107.59	101.47	110.64
Cola drinks	34.54	23.48	35.29	28.72	26.19	34.12	41.33	38.01	37.59	38.34
Other carbonated drinks	16.68	12.95	16.50	16.83	16.50	15.83	17.41	17.33	20.15	18.44
Roasted coffee	12.60	14.67	11.21	11.03	9.76	10.50	12.85	11.51	11.08	17.22
Instant coffee	6.02	4.40	7.76	6.69	5.72	5.59	5.56	6.81	5.44	6.70
Noncarbonated fruit flavored drinks	7.63	5.46	8.57	7.42	7.38	7.71	5.31	8.85	8.45	8.97
Tea	5.77	3.67	5.48	5.03	6.07	5.59	6.76	6.66	6.19	5.82
Other noncarbonated beverages	11.64	8.72	7.72	12.89	11.09	9.63	8.97	18.10	12.42	14.98
Nonalcoholic beer	0.16	0.00	0.09	0.00	0.32	0.17	0.00	0.31	0.16	0.17
Miscellaneous prepared foods	160.65	110.89	141.17	134.32	159.16	148.02	173.32	179.94	173.70	201.93
Soups	13.03	12.82	12.67	11.91	13.82	12.92	12.13	11.99	14.98	13.88
Frozen meals	8.40	3.05	11.29	8.18	9.09	7.97	9.88	9.36	8.44	9.21
Other frozen prepared food	22.91	15.08	20.24	17.13	22.42	19.30	24.98	28.63	25.30	30.10
Potato chips and other snacks	26.22	18.07	19.63	18.67	23.34	21.32	27.68	32.31	30.27	35.34
Nuts	7.06	5.13	4.40	6.68	6.82	5.71	8.32	8.23	6.92	8.66
Salt, seasonings, and spices	7.57	7.79	6.10	8.26	8.52	7.33	7.52	8.08	7.52	9.24
Olives, pickles, and relishes	4.23	2.04	3.16	4.09	5.50	3.69	4.05	4.76	4.60	5.73
Sauces and gravies	15.63	11.60	11.46	10.97	15.79	15.13	15.93	19.01	16.71	22.55
Other condiments	6.65	3.86	4.68	5.83	6.11	7.84	5.53	6.51	8.40	7.39
Prepared salads	5.93	2.03	4.98	4.12	4.30	4.61	5.46	6.08	7.08	7.97
Prepared desserts	3.94	2.47	4.20	2.67	4.71	3.74	4.18	3.88	3.90	5.36
Baby food	11.59	2.99	12.76	4.15	10.59	10.79	18.94	7.38	13.49	13.56
Other miscellaneous prepared foods	27.19	23.96	25.58	31.58	28.14	27.48	28.11	32.51	26.07	32.33
Vitamin supplements	0.29	0.00	0.00	0.07	0.00	0.21	0.60	1.20	0.00	0.62
Food away from home	640.96	427.99	380.71	358.02	420.50	483.88	600.85	645.20	726.16	979.10
Lunch	206.08	132.97	107.91	122.10	144.86	175.28	194.26	213.85	250.86	316.00
Dinner	301.86	221.14	205.95	169.00	203.38	221.87	282.33	310.31	345.33	480.01
Snacks and nonalcoholic beverages	48.69	47.52	33.99	26.29	39.58	41.40	53.33	64.57	54.68	73.39
Breakfast and brunch	46.81	25.90	31.65	30.82	30.03	44.56	53.10	55.04	51.92	58.73
Board including school meals	0.26	0.43	0.01	0.06	0.02	0.00	0.31	0.01	0.02	0.78
Catered meals	37.27	0.04	1.20	9.74	2.63	0.76	17.52	1.42	23.36	50.19
Alcoholic beverages	116.31	99.25	78.48	62.61	80.57	106.34	123.59	118.18	126.73	193.06

Notes: Numbers may not add due to rounding.

Expenditures less than 0.005 are denoted as 0.00

¹Households with incomplete income data are not included but are reported in table 7.

Table 9--Race, 1997

Item	All	Race		
		White	Black	Other
Household characteristics:				
Households (thousands)	91,783	76,533	11,501	3,749
Sample diaries (number)	10,525	8,834	1,159	532
Age of householder (years)	47.2	47.8	44.8	42.2
Income before taxes (dollars)	42,973	45,055	28,739	42,982
Income after taxes (percent)	92	92	93	90
Wage and salary income (percent)	76	75	81	85
Amount spent on food (percent)	10	10	12	11
Members per household (number)	2.53	2.49	2.78	2.70
Children under 18 years (number)	0.69	0.65	0.96	0.68
Adults over 64 years (number)	0.29	0.31	0.21	0.22
Vehicles per household (number)	1.6	1.7	1.2	1.4
Earners per household (number)	1.4	1.4	1.3	1.5
Homeownership (percent)	62	66	46	43
Average annual per person expenditure:	<i>Dollars</i>			
Food, total (excluding alcoholic beverages)	1,767.08	1,854.94	1,229.48	1,814.86
Food at home	1,126.11	1,162.01	900.27	1,165.25
Cereal and bakery products	181.11	188.52	137.62	179.24
Cereal and cereal products	64.12	64.87	54.70	79.84
Flour	3.17	3.03	3.51	4.66
Prepared flour mixes	5.85	6.12	4.62	4.71
Cereal	36.21	37.69	30.03	27.82
Rice	7.59	6.19	7.90	33.05
Pasta (dry) and cornmeal	11.30	11.84	8.64	9.61
Bakery products	116.99	123.65	82.93	99.39
White bread	16.07	16.23	14.71	17.31
Other bread	17.08	18.28	11.25	12.98
Fresh biscuits, rolls, and muffins	16.68	18.12	9.47	12.20
Cakes and cupcakes	14.05	13.96	13.24	18.31
Cookies	18.24	19.33	12.91	14.61
Crackers	9.22	10.19	4.78	5.14
Bread and cracker products	1.74	1.93	0.87	0.84
Doughnuts and sweetrolls	9.33	10.10	5.59	6.70
Frozen and refrigerated bakery products	9.11	9.66	6.46	7.18
Fresh pies, tarts, and turnovers	5.47	5.84	3.64	4.13
Meats, poultry, fish, and eggs	296.74	293.25	305.76	334.05
Meats	188.07	188.22	189.85	179.71
Beef	89.30	89.81	87.52	85.36
Ground beef (excluding canned)	32.43	32.87	32.74	23.12
Chuck roast	5.31	5.35	5.50	4.13
Round roast	5.05	5.12	4.62	5.05
Other roast	5.90	5.84	6.65	4.55
Round steak	6.83	6.98	5.91	6.96
Sirloin steak	9.64	10.14	5.91	12.03
Other steak	18.90	18.60	19.71	22.10
Other beef (excluding canned)	5.24	4.91	6.47	7.41
Pork	60.83	59.18	68.32	67.98
Bacon	9.63	9.28	11.65	9.81
Pork chops	15.40	14.54	20.51	15.34
Ham (excluding canned)	13.45	13.99	11.06	10.77
Other pork	12.12	11.70	12.02	20.34
Pork sausage	9.43	8.89	12.05	11.26
Canned ham	0.80	0.77	1.02	0.47

Continued --

Table 9--Race, 1997 (continued)

Item	All	Race		
		White	Black	Other
Other meats	37.95	39.23	34.01	26.37
Frankfurters	8.73	8.66	9.73	6.91
Bologna, liverwurst, and salami	9.28	9.43	9.68	5.25
Other lunch meats	16.52	18.14	9.78	7.43
Lamb and miscellaneous meats	3.41	3.00	4.81	6.78
Poultry	58.63	57.44	66.03	57.69
Fresh whole chicken	12.06	11.31	13.53	21.43
Fresh and frozen chicken parts	33.67	33.48	36.47	28.48
Other poultry	12.90	12.65	16.03	7.79
Fish and seafood	37.12	34.77	37.04	81.56
Canned fish and seafood	5.79	6.06	4.47	4.81
Fresh fish and shellfish	22.04	19.57	24.41	61.12
Frozen fish and shellfish	9.28	9.13	8.16	15.63
Eggs	12.92	12.82	12.85	15.08
Dairy	124.56	133.90	77.28	98.30
Fresh milk all types	46.23	48.86	30.82	45.33
Fresh cream	3.79	4.28	1.42	1.94
Butter	5.91	6.29	4.03	4.83
Cheese	37.57	41.40	19.81	21.57
Ice cream and related	21.48	22.96	13.84	17.73
Other including powdered milk and yogurt	9.58	10.10	7.35	6.90
Fruits and vegetables	191.73	196.27	144.88	254.56
Fresh fruits	61.30	63.75	41.62	77.53
Apples	11.38	11.79	8.58	12.39
Bananas	12.66	13.12	9.45	14.05
Oranges	7.22	7.06	6.58	12.23
Other fresh fruits	24.41	25.80	14.20	30.45
Other citrus fruits excluding oranges	5.64	5.98	2.80	8.42
Fresh vegetables	57.65	58.18	38.01	109.76
Potatoes	10.36	10.17	9.85	15.55
Lettuce	7.46	7.35	4.96	17.53
Tomatoes	9.58	10.02	5.96	12.86
Other fresh vegetables	30.24	30.64	17.24	63.82
Processed fruits	41.11	41.99	36.06	40.61
Frozen orange juice	3.36	3.60	2.07	2.99
Frozen fruits	0.79	0.89	0.19	0.78
Frozen fruit juices	1.79	1.88	1.26	1.77
Fresh fruit juice	8.20	8.46	5.96	10.53
Canned and bottled fruit juice	19.07	18.68	21.69	18.24
Canned fruits	5.55	5.99	3.49	3.88
Dried fruits	2.35	2.50	1.40	2.42
Processed vegetables	31.67	32.36	29.19	26.65
Frozen vegetables	10.59	10.71	10.37	8.96
Canned beans	4.63	4.63	5.08	3.28
Canned corn	2.80	2.78	3.38	1.46
Canned miscellaneous vegetables	6.62	7.02	4.93	4.43
Other processed vegetables	0.09	0.09	0.05	0.10
Other peas	0.10	0.07	0.25	0.13
Other beans	1.00	1.03	0.91	0.69
Other miscellaneous vegetables	2.82	2.86	2.29	3.76
Frozen vegetable juice	0.11	0.12	0.09	0.06
Fresh and canned vegetable juice	2.91	3.05	1.84	3.80

Continued –

Table 9--Race, 1997 (continued)

Item	All	Race		
		White	Black	Other
Sugar and sweets	44.84	47.06	33.86	37.72
Candy and chewing gum	27.68	29.71	16.42	25.26
Sugar	7.08	6.71	9.62	5.99
Artificial sweeteners	1.32	1.29	1.52	1.24
Other sweets	8.75	9.35	6.30	5.22
Fats and oils	31.45	31.96	29.23	28.95
Margarine	4.52	4.67	4.11	3.05
Other fats, oils, and salad dressings	9.54	8.98	11.31	14.37
Salad dressings	9.69	10.00	8.54	7.41
Nondairy creamer	3.24	3.53	2.05	1.46
Peanut butter	4.47	4.77	3.22	2.67
Beverages	95.03	99.78	69.56	86.30
Cola drinks	34.54	36.46	23.66	32.84
Other carbonated drinks	16.68	17.65	12.09	13.00
Roasted coffee	12.60	13.88	6.15	8.88
Instant coffee	6.02	6.55	3.32	4.60
Noncarbonated fruit flavored drinks	7.63	7.23	9.92	7.85
Tea	5.77	6.13	3.56	6.13
Other noncarbonated beverages	11.64	11.71	10.81	12.99
Nonalcoholic beer	0.16	0.18	0.04	0.00
Miscellaneous prepared foods	160.65	171.27	102.09	146.14
Soups	13.03	13.70	9.52	11.65
Frozen meals	8.40	9.22	4.85	4.27
Other frozen prepared food	22.91	24.31	15.97	18.64
Potato chips and other snacks	26.22	28.33	15.63	19.98
Nuts	7.06	7.61	4.14	6.04
Salt, seasonings, and spices	7.57	7.69	6.89	7.50
Olives, pickles, and relishes	4.23	4.74	1.87	2.18
Sauces and gravies	15.63	16.68	9.68	14.66
Other condiments	6.65	7.26	3.61	4.71
Prepared salads	5.93	6.52	3.29	3.17
Prepared desserts	3.94	4.25	2.37	3.06
Baby food	11.59	11.71	9.18	17.03
Other miscellaneous prepared foods	27.19	28.95	15.09	32.30
Vitamin supplements	0.29	0.30	0.00	0.94
Food away from home	640.96	692.93	329.21	649.60
Lunch	206.08	218.66	128.84	213.63
Dinner	301.86	325.86	144.38	348.71
Snacks and nonalcoholic beverages	48.69	52.81	24.99	45.98
Breakfast and brunch	46.81	50.37	27.80	40.00
Board including school meals	0.26	0.31	0.02	0.01
Catered meals	37.27	44.91	3.19	1.27
Alcoholic beverages	116.31	131.02	45.67	63.10

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00

Table 10--Householder's age, 1997

Item	All	Age of householder						
		Under 25		25-34	35-44	45-54	55-64	Over 64
		Other	Student					
Household characteristics:								
Households (thousands)	91,783	6,698	911	17,475	21,045	16,493	10,863	18,299
Sample diaries (number)	10,525	760	87	1,923	2,346	1,937	1,314	2,158
Age of householder (years)	47.2	21.3	19.2	29.8	39.4	49.1	59.2	74.6
Income before taxes (dollars)	42,973	21,403	5,579	44,089	53,911	56,812	46,883	25,497
Income after taxes (percent)	92	95	100	92	92	91	91	93
Wage and salary income (percent)	76	74	47	89	88	85	70	16
Amount spent on food (percent)	10	13	16	10	10	10	10	13
Members per household (number)	2.53	1.94	1.00	2.80	3.26	2.82	2.19	1.67
Children under 18 years (number)	0.69	0.46	0.00	1.05	1.36	0.64	0.17	0.05
Adults over 64 years (number)	0.29	0.00	0.00	0.01	0.02	0.04	0.09	1.34
Vehicles per household (number)	1.6	1.0	0.4	1.5	1.8	2.0	1.8	1.2
Earners per household (number)	1.4	1.3	0.8	1.6	1.8	1.9	1.4	0.5
Homeownership (percent)	62	9	0	43	65	76	78	78
Average annual per person expenditure:		Dollars						
Food, total (excluding alcoholic beverages)	1,767.08	1,414.07	897.74	1,556.95	1,616.83	1,967.44	2,185.46	1,987.13
Food at home	1,126.11	876.63	317.70	976.25	1,030.91	1,200.29	1,419.15	1,369.59
Cereal and bakery products	181.11	143.69	56.90	156.53	167.28	196.70	216.78	219.70
Cereal and cereal products	64.12	56.76	28.90	60.19	60.67	68.05	71.74	70.45
Flour	3.17	3.79	0.00	2.45	2.88	3.12	4.10	4.18
Prepared flour mixes	5.85	4.42	0.85	5.02	5.87	6.63	5.50	7.01
Cereal	36.21	30.93	25.89	34.37	34.90	37.89	38.03	40.64
Rice	7.59	7.25	0.00	7.19	6.18	8.82	11.27	7.06
Pasta (dry) and cornmeal	11.30	10.37	2.16	11.16	10.85	11.59	12.84	11.56
Bakery products	116.99	86.92	28.00	96.33	106.61	128.66	145.04	149.25
White bread	16.07	13.24	2.38	14.98	14.08	17.34	18.83	19.83
Other bread	17.08	13.38	3.02	12.46	13.59	18.79	23.93	26.38
Fresh biscuits, rolls, and muffins	16.68	11.85	3.26	12.83	15.38	20.21	19.54	20.58
Cakes and cupcakes	14.05	10.94	1.84	12.65	14.94	15.83	14.02	13.29
Cookies	18.24	16.33	10.01	13.72	17.12	20.21	22.34	22.87
Crackers	9.22	5.23	2.39	7.03	8.16	9.73	12.99	13.35
Bread and cracker products	1.74	0.92	0.00	1.77	1.34	2.08	2.32	1.99
Doughnuts and sweetrolls	9.33	5.23	1.33	9.01	8.37	8.74	12.63	12.34
Frozen and refrigerated bakery products	9.11	6.50	3.78	7.84	9.09	9.38	10.00	11.36
Fresh pies, tarts, and turnovers	5.47	3.30	0.00	4.03	4.54	6.35	8.45	7.25
Meats, poultry, fish, and eggs	296.74	225.34	43.61	255.04	268.36	324.65	387.78	351.99
Meats	188.07	145.42	23.86	161.20	171.46	204.81	242.92	223.39
Beef	89.30	72.35	10.11	79.59	81.84	100.03	108.24	100.13
Ground beef (excluding canned)	32.43	30.42	7.50	29.64	30.85	33.38	37.55	36.58
Chuck roast	5.31	7.80	0.00	4.86	4.38	5.89	5.91	5.91
Round roast	5.05	2.28	0.00	4.42	5.00	5.62	5.40	6.32
Other roast	5.90	2.93	0.00	4.32	5.56	6.46	10.01	6.57
Round steak	6.83	3.92	2.61	5.66	6.49	8.36	8.88	6.94
Sirloin steak	9.64	4.40	0.00	10.14	7.72	11.66	11.20	11.41
Other steak	18.90	17.44	0.00	16.81	17.44	23.04	20.95	18.82
Other beef (excluding canned)	5.24	3.16	0.00	3.73	4.41	5.60	8.33	7.58
Pork	60.83	43.94	6.13	50.78	53.19	65.99	83.72	77.21
Bacon	9.63	10.39	1.46	7.55	8.16	10.05	14.67	11.65
Pork chops	15.40	12.00	0.00	15.98	14.62	14.83	18.04	16.96
Ham (excluding canned)	13.45	6.47	0.00	9.77	12.54	15.86	19.30	16.54
Other pork	12.12	5.81	3.07	8.77	9.01	14.95	16.12	20.02
Pork sausage	9.43	8.71	1.60	8.08	8.24	9.36	14.36	11.05
Canned ham	0.80	0.55	0.00	0.64	0.62	0.94	1.24	0.99

Continued --

Table 10--Householder's age, 1997 (continued)

Item	All	Age of householder						
		Under 25		25-34	35-44	45-54	55-64	Over 64
		Other	Student					
Other meats	37.95	29.13	7.62	30.82	36.43	38.79	50.96	46.06
Frankfurters	8.73	7.75	2.48	7.90	9.08	9.09	9.66	8.63
Bologna, liverwurst, and salami	9.28	8.31	2.14	7.91	8.00	8.78	12.54	13.22
Other lunch meats	16.52	11.29	2.99	13.34	16.26	16.59	22.71	19.93
Lamb and miscellaneous meats	3.41	1.78	0.00	1.67	3.09	4.33	6.04	4.28
Poultry	58.63	46.56	9.28	53.09	54.41	62.84	70.26	68.15
Fresh whole chicken	12.06	8.46	1.76	11.99	10.18	11.80	16.76	14.95
Fresh and frozen chicken parts	33.67	29.37	7.52	31.35	32.63	35.41	35.07	38.60
Other poultry	12.90	8.72	0.00	9.76	11.60	15.62	18.42	14.60
Fish and seafood	37.12	21.96	6.88	30.35	31.60	43.03	57.80	42.62
Canned fish and seafood	5.79	3.45	2.88	5.00	4.67	5.69	8.93	8.37
Fresh fish and shellfish	22.04	11.59	3.99	16.96	17.74	26.62	39.16	24.58
Frozen fish and shellfish	9.28	6.92	0.00	8.39	9.19	10.72	9.71	9.67
Eggs	12.92	11.40	3.60	10.40	10.90	13.96	16.80	17.82
Dairy	124.56	94.64	33.26	107.61	119.80	129.35	149.04	151.51
Fresh milk all types	46.23	39.86	12.37	40.42	46.75	44.83	49.46	57.66
Fresh cream	3.79	3.30	2.17	3.49	3.54	4.04	4.19	4.38
Butter	5.91	4.18	1.07	5.08	4.96	6.64	8.04	7.51
Cheese	37.57	27.36	7.91	32.17	36.62	41.06	45.57	42.05
Ice cream and related	21.48	14.17	5.93	15.81	19.83	22.20	29.63	30.38
Other including powdered milk and yogurt	9.58	5.76	3.82	10.63	8.10	10.58	12.16	9.53
Fruits and vegetables	191.73	142.30	33.38	159.26	164.18	199.70	255.53	269.67
Fresh fruits	61.30	46.52	9.53	50.70	50.96	62.80	78.16	93.95
Apples	11.38	9.59	4.17	9.63	10.41	12.33	13.82	13.97
Bananas	12.66	10.42	1.69	11.64	9.47	12.83	16.42	19.52
Oranges	7.22	7.14	2.00	6.42	5.71	7.75	8.62	10.16
Other fresh fruits	24.41	15.50	1.03	18.83	21.01	23.97	32.04	40.18
Other citrus fruits excluding oranges	5.64	3.86	0.65	4.17	4.36	5.92	7.27	10.12
Fresh vegetables	57.65	37.46	5.85	45.76	47.66	61.69	87.93	79.56
Potatoes	10.36	7.69	0.90	7.80	8.46	11.45	15.92	14.16
Lettuce	7.46	4.75	0.65	5.89	6.09	7.34	13.49	9.93
Tomatoes	9.58	9.67	0.82	8.15	7.51	10.42	13.43	12.49
Other fresh vegetables	30.24	15.35	3.48	23.93	25.60	32.48	45.09	42.97
Processed fruits	41.11	31.09	13.09	35.83	36.85	41.88	49.87	56.27
Frozen orange juice	3.36	1.74	2.40	2.78	2.92	3.64	4.46	4.72
Frozen fruits	0.79	0.48	1.59	0.54	0.70	0.67	1.15	1.39
Frozen fruit juices	1.79	1.43	0.00	1.97	2.03	1.42	1.85	1.68
Fresh fruit juice	8.20	6.27	0.00	6.32	7.80	8.45	10.44	11.07
Canned and bottled fruit juice	19.07	17.08	5.79	17.91	17.09	19.48	21.07	24.47
Canned fruits	5.55	3.01	2.57	4.16	4.46	6.08	7.88	8.79
Dried fruits	2.35	1.09	0.74	2.16	1.84	2.13	3.02	4.16
Processed vegetables	31.67	27.23	4.91	26.97	28.71	33.33	39.58	39.89
Frozen vegetables	10.59	8.68	1.85	8.90	10.21	11.66	12.18	12.37
Canned beans	4.63	3.42	1.16	3.96	4.22	4.63	6.84	5.53
Canned corn	2.80	3.03	0.00	2.65	2.54	2.48	3.65	3.47
Canned miscellaneous vegetables	6.62	3.94	1.90	5.52	5.37	7.20	9.39	9.43
Other processed vegetables	0.09	0.05	0.00	0.04	0.14	0.04	0.04	0.17
Other peas	0.10	0.01	0.00	0.03	0.19	0.06	0.10	0.10
Other beans	1.00	1.79	0.00	0.71	1.12	0.88	0.89	1.18
Other miscellaneous vegetables	2.82	3.67	0.00	2.39	2.23	3.46	2.60	3.74
Frozen vegetable juice	0.11	0.18	0.00	0.19	0.10	0.08	0.04	0.07
Fresh and canned vegetable juice	2.91	2.47	0.00	2.59	2.59	2.83	3.85	3.83

Continued --

Table 10--Householder's age, 1997 (continued)

Item	All	Age of householder						
		Under 25		25-34	35-44	45-54	55-64	Over 64
		Other	Student					
Sugar and sweets	44.84	29.57	20.42	37.84	39.15	49.74	59.30	57.35
Candy and chewing gum	27.68	17.09	16.59	23.24	24.29	30.89	37.93	34.44
Sugar	7.08	7.03	1.80	6.50	6.07	7.44	7.89	9.30
Artificial sweeteners	1.32	0.53	0.00	0.66	0.93	1.72	1.74	2.68
Other sweets	8.75	4.92	2.03	7.44	7.87	9.70	11.73	10.93
Fats and oils	31.45	22.87	9.70	25.60	26.96	33.17	43.90	42.91
Margarine	4.52	3.29	0.72	2.96	4.01	4.61	6.63	7.01
Other fats, oils, and salad dressings	9.54	7.91	1.60	7.89	7.89	9.93	12.78	13.69
Salad dressings	9.69	6.58	2.68	7.88	8.43	10.92	14.58	11.27
Nondairy creamer	3.24	1.28	1.70	2.70	2.43	3.54	4.59	5.27
Peanut butter	4.47	3.82	3.00	4.17	4.19	4.16	5.32	5.68
Beverages	95.03	80.40	71.32	80.05	90.57	103.08	120.36	104.07
Cola drinks	34.54	31.81	36.26	29.89	34.51	37.71	46.02	29.45
Other carbonated drinks	16.68	17.62	16.16	13.17	16.40	19.40	19.89	15.92
Roasted coffee	12.60	3.95	0.00	8.45	10.11	14.10	19.58	21.15
Instant coffee	6.02	2.07	4.44	3.58	4.77	6.74	8.44	11.48
Noncarbonated fruit flavored drinks	7.63	11.19	6.52	8.34	8.15	7.13	7.91	4.35
Tea	5.77	3.49	1.86	4.24	4.42	6.15	9.27	9.08
Other noncarbonated beverages	11.64	10.26	6.08	12.29	11.94	11.83	9.14	12.31
Nonalcoholic beer	0.16	0.00	0.00	0.07	0.27	0.03	0.11	0.32
Miscellaneous prepared foods	160.65	137.83	49.09	154.33	154.61	163.90	186.45	172.40
Soups	13.03	10.69	4.52	10.33	11.68	12.15	15.98	20.72
Frozen meals	8.40	5.22	2.35	5.89	7.78	8.41	12.87	11.88
Other frozen prepared food	22.91	21.89	4.46	20.27	23.58	25.47	25.93	20.41
Potato chips and other snacks	26.22	18.33	11.32	22.70	28.90	27.97	28.85	24.94
Nuts	7.06	2.12	1.72	4.68	5.68	7.92	11.21	11.71
Salt, seasonings, and spices	7.57	5.98	1.65	6.05	7.10	8.54	9.57	8.89
Olives, pickles, and relishes	4.23	2.76	1.95	3.13	4.15	4.23	5.44	5.91
Sauces and gravies	15.63	12.52	4.93	15.39	15.02	18.26	17.25	13.75
Other condiments	6.65	4.48	0.00	5.66	4.93	7.54	9.30	9.79
Prepared salads	5.93	3.62	2.15	5.60	4.93	7.39	7.01	6.75
Prepared desserts	3.94	2.30	0.81	2.82	3.64	4.34	5.17	5.62
Baby food	11.59	18.68	0.00	26.30	10.43	4.33	5.36	3.87
Other miscellaneous prepared foods	27.19	29.23	13.22	25.16	26.77	26.92	32.14	27.52
Vitamin supplements	0.29	0.00	0.00	0.38	0.01	0.43	0.36	0.63
Food away from home	640.96	537.43	580.04	580.69	585.92	767.15	766.31	617.54
Lunch	206.08	163.54	202.31	201.81	210.26	220.28	206.74	199.60
Dinner	301.86	265.33	284.53	265.76	277.39	336.07	374.82	321.96
Snacks and nonalcoholic beverages	48.69	59.99	63.37	53.32	52.62	51.07	48.33	23.84
Breakfast and brunch	46.81	35.46	29.83	40.85	44.88	47.23	55.63	58.53
Board including school meals	0.26	0.17	0.00	0.04	0.00	0.69	0.69	0.24
Catered meals	37.27	12.94	0.00	18.91	0.76	111.82	80.10	13.36
Alcoholic beverages	116.31	121.05	82.60	128.55	103.31	118.43	124.01	115.70

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00

Table 11--Number of earners, 1997

Item	All	Number of earners				
		None	One	Two	Three	Four or more
Household characteristics:						
Households (thousands)	91,783	16,472	33,777	31,711	6,882	2,942
Sample diaries (number)	10,525	1,905	3,840	3,630	814	336
Age of householder (years)	47.2	66.8	43.7	41.0	46.5	45.6
Income before taxes (dollars)	42,973	18,843	31,727	61,336	66,158	62,127
Income after taxes (percent)	92	96	93	91	91	91
Wage and salary income (percent)	76	0	75	85	85	91
Amount spent on food (percent)	10	16	12	9	10	11
Members per household (number)	2.53	1.56	2.00	3.03	4.11	5.08
Children under 18 years (number)	0.69	0.17	0.54	0.92	1.27	1.40
Adults over 64 years (number)	0.29	0.96	0.22	0.08	0.11	0.13
Vehicles per household (number)	1.6	0.9	1.3	1.9	2.5	3.0
Earners per household (number)	1.4	0.0	1.0	2.0	3.0	4.2
Homeownership (percent)	62	63	49	71	79	81
Average annual per person expenditure:		Dollars				
Food, total (excluding alcoholic beverages)	1,767.08	1,875.03	1,829.12	1,799.16	1,611.10	1,389.27
Food at home	1,126.11	1,367.76	1,152.28	1,089.83	1,082.22	907.72
Cereal and bakery products	181.11	215.30	186.60	172.58	179.34	155.55
Cereal and cereal products	64.12	73.57	64.27	62.43	63.22	59.79
Flour	3.17	4.30	3.16	2.98	2.92	2.99
Prepared flour mixes	5.85	6.13	5.58	5.86	6.36	5.59
Cereal	36.21	42.19	35.46	35.74	35.07	34.40
Rice	7.59	8.45	8.24	6.82	8.05	7.30
Pasta (dry) and cornmeal	11.30	12.50	11.83	11.02	10.82	9.51
Bakery products	116.99	141.74	122.33	110.15	116.12	95.76
White bread	16.07	19.79	17.31	14.57	15.83	14.20
Other bread	17.08	24.27	18.58	15.24	15.00	13.74
Fresh biscuits, rolls, and muffins	16.68	17.06	15.66	17.39	17.72	14.02
Cakes and cupcakes	14.05	13.24	13.98	14.20	14.35	14.20
Cookies	18.24	21.61	19.78	16.93	18.22	13.91
Crackers	9.22	12.99	9.28	8.76	8.81	6.20
Bread and cracker products	1.74	2.50	1.39	1.78	1.57	2.05
Doughnuts and sweetrolls	9.33	13.18	10.66	7.75	9.82	5.98
Frozen and refrigerated bakery products	9.11	11.17	9.87	8.43	8.95	6.80
Fresh pies, tarts, and turnovers	5.47	5.94	5.83	5.10	5.85	4.66
Meats, poultry, fish, and eggs	296.74	363.49	296.33	289.29	293.59	237.41
Meats	188.07	230.05	186.35	183.34	188.09	153.97
Beef	89.30	108.91	86.84	89.12	91.94	62.79
Ground beef (excluding canned)	32.43	37.65	31.92	32.13	34.91	22.94
Chuck roast	5.31	6.45	4.04	6.05	5.61	3.82
Round roast	5.05	6.85	4.29	4.88	6.03	4.59
Other roast	5.90	9.44	5.15	5.76	4.62	6.48
Round steak	6.83	8.95	7.12	6.49	6.32	5.08
Sirloin steak	9.64	13.00	9.86	8.84	11.06	5.38
Other steak	18.90	19.85	18.98	19.49	19.35	12.28
Other beef (excluding canned)	5.24	6.71	5.47	5.49	4.04	2.23
Pork	60.83	76.01	63.05	56.53	59.18	55.36
Bacon	9.63	11.41	9.92	9.15	10.35	6.99
Pork chops	15.40	18.20	17.08	13.91	13.93	15.32
Ham (excluding canned)	13.45	15.30	13.14	12.82	14.64	13.45
Other pork	12.12	19.51	12.38	10.58	10.32	11.55
Pork sausage	9.43	10.66	9.69	9.25	9.21	7.67
Canned ham	0.80	0.93	0.83	0.82	0.73	0.38

Continued --

Table 11--Number of earners, 1997 (continued)

Item	All	Number of earners				
		None	One	Two	Three	Four or more
Other meats	37.95	45.13	36.46	37.69	36.96	35.82
Frankfurters	8.73	9.89	8.36	8.71	8.72	8.61
Bologna, liverwurst, and salami	9.28	13.04	9.34	8.53	8.21	9.41
Other lunch meats	16.52	17.68	16.06	16.77	16.45	15.18
Lamb and miscellaneous meats	3.41	4.52	2.70	3.69	3.59	2.61
Poultry	58.63	68.04	57.95	57.75	59.27	49.97
Chicken	45.73	52.15	45.80	45.80	43.47	38.13
Fresh whole chicken	12.06	13.50	13.14	11.70	10.41	10.11
Fresh and frozen chicken parts	33.67	38.65	32.66	34.10	33.06	28.02
Other poultry	12.90	15.90	12.15	11.94	15.80	11.84
Fish and seafood	37.12	47.60	38.04	36.68	34.54	22.51
Canned fish and seafood	5.79	10.24	5.76	5.04	4.78	4.99
Fresh fish and shellfish	22.04	26.22	23.77	22.27	19.01	11.30
Frozen fish and shellfish	9.28	11.14	8.51	9.37	10.75	6.23
Eggs	12.92	17.80	14.00	11.53	11.69	10.96
Dairy	124.56	144.87	130.91	120.42	118.33	99.24
Fresh milk all types	46.23	55.28	48.47	43.88	44.55	38.75
Fresh cream	3.79	4.05	3.87	4.06	3.13	2.47
Butter	5.91	7.12	5.66	5.69	6.09	6.07
Cheese	37.57	41.67	39.04	37.64	33.46	31.16
Ice cream and related	21.48	26.16	24.15	19.53	21.28	14.22
Other including powdered milk and yogurt	9.58	10.59	9.71	9.62	9.83	6.58
Fruits and vegetables	191.73	266.58	199.70	180.32	165.25	150.22
Fresh fruits	61.30	87.97	64.15	57.73	48.61	49.44
Apples	11.38	14.15	12.00	11.11	8.83	10.31
Bananas	12.66	18.85	13.00	11.71	10.93	9.77
Oranges	7.22	9.52	7.41	6.78	6.63	6.31
Other fresh fruits	24.41	35.85	26.11	22.62	18.72	19.21
Other citrus fruits excluding oranges	5.64	9.59	5.62	5.51	3.50	3.85
Fresh vegetables	57.65	79.63	61.08	53.40	50.68	44.70
Potatoes	10.36	14.43	11.21	9.51	8.71	8.10
Lettuce	7.46	10.46	8.69	6.40	6.62	5.17
Tomatoes	9.58	13.33	9.46	8.59	10.16	8.97
Other fresh vegetables	30.24	41.41	31.73	28.90	25.19	22.46
Processed fruits	41.11	57.64	42.37	38.99	36.12	30.06
Frozen orange juice	3.36	4.10	3.30	3.45	3.30	1.92
Frozen fruits	0.79	1.56	0.59	0.71	1.00	0.48
Frozen fruit juices	1.79	1.89	1.77	1.90	1.52	1.54
Fresh fruit juice	8.20	10.94	8.99	7.67	7.22	5.23
Canned and bottled fruit juice	19.07	25.46	19.91	18.23	16.23	15.11
Canned fruits	5.55	9.46	5.59	4.87	5.00	4.05
Dried fruits	2.35	4.23	2.23	2.16	1.85	1.73
Processed vegetables	31.67	41.35	32.10	30.20	29.84	26.02
Frozen vegetables	10.59	12.87	9.64	11.14	9.39	9.72
Canned beans	4.63	5.61	4.84	4.25	5.09	3.59
Canned corn	2.80	4.00	3.02	2.50	2.64	2.06
Canned miscellaneous vegetables	6.62	9.39	7.08	6.10	6.10	4.08
Other processed vegetables	0.09	0.05	0.11	0.11	0.03	0.00
Other peas	0.10	0.07	0.17	0.05	0.07	0.16
Other beans	1.00	1.81	0.95	0.76	0.93	1.52
Other miscellaneous vegetables	2.82	3.79	2.86	2.51	3.05	2.49
Frozen vegetable juice	0.11	0.08	0.09	0.16	0.03	0.10
Fresh and canned vegetable juice	2.91	3.69	3.34	2.63	2.49	2.30

Continued --

Table 11--Number of earners, 1997 (continued)

Item	All	Number of earners				
		None	One	Two	Three	Four or more
Sugar and sweets	44.84	57.05	46.12	43.14	40.62	36.92
Candy and chewing gum	27.68	33.44	28.55	27.55	23.41	22.79
Sugar	7.08	10.28	7.23	6.33	6.67	6.49
Artificial sweeteners	1.32	2.37	1.20	0.99	1.90	1.07
Other sweets	8.75	10.96	9.14	8.27	8.64	6.57
Fats and oils	31.45	43.21	31.65	29.35	31.20	24.22
Margarine	4.52	6.97	4.48	4.01	4.27	4.23
Other fats, oils, and salad dressings	9.54	14.41	9.31	8.76	9.54	7.12
Salad dressings	9.69	11.55	9.80	9.38	10.21	6.97
Nondairy creamer	3.24	4.85	3.41	2.80	3.27	2.41
Peanut butter	4.47	5.43	4.65	4.40	3.90	3.49
Beverages	95.03	107.23	100.73	91.14	92.73	77.68
Cola drinks	34.54	33.30	36.19	34.21	35.13	30.26
Other carbonated drinks	16.68	16.08	18.20	16.29	16.70	13.34
Roasted coffee	12.60	21.80	12.31	11.27	11.49	8.65
Instant coffee	6.02	10.44	6.18	5.46	5.19	2.89
Noncarbonated fruit flavored drinks	7.63	5.73	7.71	7.99	8.44	6.62
Tea	5.77	8.16	6.59	4.75	5.98	4.17
Other noncarbonated beverages	11.64	11.28	13.40	11.02	9.77	11.75
Nonalcoholic beer	0.16	0.46	0.15	0.14	0.02	0.00
Miscellaneous prepared foods	160.65	170.03	160.25	163.58	161.17	126.47
Soups	13.03	18.31	13.93	11.53	12.50	10.54
Frozen meals	8.40	11.42	10.15	6.93	8.99	3.65
Other frozen prepared food	22.91	21.17	21.75	23.68	25.25	21.83
Potato chips and other snacks	26.22	24.19	26.18	27.21	27.02	22.06
Nuts	7.06	10.88	6.94	6.66	6.86	4.01
Salt, seasonings, and spices	7.57	7.97	8.43	7.24	7.43	5.35
Olives, pickles, and relishes	4.23	5.40	4.25	3.83	5.04	3.15
Sauces and gravies	15.63	15.04	14.58	16.35	17.72	12.72
Other condiments	6.65	9.16	6.85	6.36	6.65	3.19
Prepared salads	5.93	6.67	5.33	6.04	7.21	4.28
Prepared desserts	3.94	5.52	3.68	3.64	4.53	3.16
Baby food	11.59	5.76	10.83	16.74	3.76	6.78
Other miscellaneous prepared foods	27.19	28.34	27.10	27.11	27.39	25.76
Vitamin supplements	0.29	0.19	0.22	0.25	0.80	0.00
Food away from home	640.96	507.27	676.83	709.33	528.88	481.55
Lunch	206.08	155.98	208.31	223.77	198.33	183.19
Dinner	301.86	269.56	330.64	320.85	244.02	214.78
Snacks and nonalcoholic beverages	48.69	21.43	54.98	54.52	40.59	45.00
Breakfast and brunch	46.81	44.72	52.55	46.40	41.45	37.21
Board including school meals	0.26	0.28	0.33	0.18	0.48	0.01
Catered meals	37.27	15.31	30.03	63.61	4.00	1.37
Alcoholic beverages	116.31	122.94	125.47	130.07	73.69	55.68

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00

Table 12—Urban vs. rural 1997: Average annual per person food expenditures of all households

Item	All	Urban	Rural
Household characteristics:			
Households (thousands)	105,309	91,783	13,525
Sample diaries (number)	11,779	10,525	1,254
Age of householder (years)	47.6	47.2	50.5
Income before taxes (dollars)	41,361	42,973	31,184
Income after taxes (percent)	92	92	93
Wage and salary income (percent)	75	76	70
Amount spent on food (percent)	11	10	12
Members per household (number)	2.53	2.53	2.52
Children under 18 years (number)	0.69	0.69	0.66
Adults over 64 years (number)	0.30	0.29	0.37
Vehicles per household (number)	1.6	1.6	1.9
Earners per household (number)	1.4	1.4	1.4
Homeownership (percent)	64	62	75
Average annual per person expenditure: <i>Dollars</i>			
Food, total (excluding alcoholic beverages)	1,734.25	1,767.08	1,509.96
Food at home	1,117.33	1,126.11	1,057.35
Cereal and bakery products	178.96	181.11	164.24
Cereal and cereal products	63.76	64.12	61.26
Flour	3.47	3.17	5.55
Prepared flour mixes	5.94	5.85	6.55
Cereal	36.01	36.21	34.65
Rice	7.26	7.59	4.98
Pasta (dry) and cornmeal	11.07	11.30	9.54
Bakery products	115.20	116.99	102.98
White bread	16.15	16.07	16.70
Other bread	16.81	17.08	14.93
Fresh biscuits, rolls, and muffins	16.18	16.68	12.81
Cakes and cupcakes	13.63	14.05	10.80
Cookies	17.78	18.24	14.65
Crackers	9.19	9.22	8.96
Bread and cracker products	1.76	1.74	1.91
Doughnuts and sweetrolls	9.14	9.33	7.80
Frozen and refrigerated bakery products	9.22	9.11	10.00
Fresh pies, tarts, and turnovers	5.33	5.47	4.42
Meats, poultry, fish, and eggs	293.57	296.74	271.89
Meats	188.43	188.07	190.87
Beef	88.31	89.30	81.58
Ground beef (excluding canned)	32.70	32.43	34.57
Chuck roast	5.14	5.31	3.98
Round roast	5.08	5.05	5.30
Other roast	5.77	5.90	4.90
Round steak	6.60	6.83	4.98
Sirloin steak	9.09	9.64	5.32
Other steak	18.87	18.90	18.65
Other beef (excluding canned)	5.06	5.24	3.88
Pork	62.07	60.83	70.61
Bacon	10.04	9.63	12.85
Pork chops	15.50	15.40	16.18
Ham (excluding canned)	13.88	13.45	16.79
Other pork	12.27	12.12	13.32
Pork sausage	9.53	9.43	10.23
Canned ham	0.85	0.80	1.24

Continued --

Table 12—Urban vs. rural, 1997: Average annual per person food expenditures of all households (continued)

Item	All	Urban	Rural
Other meats	38.04	37.95	38.68
Frankfurters	9.02	8.73	10.96
Bologna, liverwurst, and salami	9.41	9.28	10.26
Other lunch meats	16.49	16.52	16.24
Lamb and miscellaneous meats	3.13	3.41	1.21
Poultry	57.28	58.63	48.07
Fresh whole chicken	11.76	12.06	9.73
Fresh and frozen chicken parts	33.03	33.67	28.65
Other poultry	12.49	12.90	9.69
Fish and seafood	34.98	37.12	20.39
Canned fish and seafood	5.60	5.79	4.30
Fresh fish and shellfish	20.13	22.04	7.05
Frozen fish and shellfish	9.25	9.28	9.03
Eggs	12.88	12.92	12.56
Dairy	123.92	124.56	119.56
Fresh milk all types	46.92	46.23	51.69
Fresh cream	3.69	3.79	3.02
Butter	5.78	5.91	4.87
Cheese	37.27	37.57	35.20
Ice cream and related	20.90	21.48	16.97
Other including powdered milk and yogurt	9.36	9.58	7.80
Fruits and vegetables	187.89	191.73	161.65
Fresh fruits	59.44	61.30	46.74
Apples	11.25	11.38	10.36
Bananas	12.42	12.66	10.82
Oranges	6.96	7.22	5.20
Other fresh fruits	23.51	24.41	17.40
Other citrus fruits excluding oranges	5.30	5.64	2.96
Fresh vegetables	56.39	57.65	47.83
Potatoes	10.33	10.36	10.12
Lettuce	7.61	7.46	8.64
Tomatoes	9.43	9.58	8.40
Other fresh vegetables	29.02	30.24	20.68
Processed fruits	40.40	41.11	35.56
Frozen orange juice	3.33	3.36	3.14
Frozen fruits	0.80	0.79	0.87
Frozen fruit juices	1.80	1.79	1.90
Fresh fruit juice	7.83	8.20	5.30
Canned and bottled fruit juice	18.74	19.07	16.44
Canned fruits	5.52	5.55	5.28
Dried fruits	2.38	2.35	2.64
Processed vegetables	31.65	31.67	31.52
Frozen vegetables	10.50	10.59	9.85
Canned beans	4.66	4.63	4.83
Canned corn	2.87	2.80	3.31
Canned miscellaneous vegetables	6.64	6.62	6.75
Other processed vegetables	0.09	0.09	0.08
Other peas	0.09	0.10	0.04
Other beans	1.02	1.00	1.15
Other miscellaneous vegetables	2.84	2.82	2.97
Frozen vegetable juice	0.11	0.11	0.09
Fresh and canned vegetable juice	2.85	2.91	2.45

Continued --

Table 12—Urban vs. rural, 1997: Average annual per person food expenditures of all households (continued)

Item	All	Urban	Rural
Sugar and sweets	45.16	44.84	47.33
Candy and chewing gum	27.36	27.68	25.17
Sugar	7.48	7.08	10.19
Artificial sweeteners	1.37	1.32	1.75
Other sweets	8.94	8.75	10.22
Fats and oils	32.02	31.45	35.92
Margarine	4.64	4.52	5.44
Other fats, oils, and salad dressings	9.68	9.54	10.66
Salad dressings	9.75	9.69	10.17
Nondairy creamer	3.36	3.24	4.18
Peanut butter	4.59	4.47	5.46
Beverages	96.59	95.03	107.24
Cola drinks	35.75	34.54	44.04
Other carbonated drinks	16.96	16.68	18.89
Roasted coffee	12.90	12.60	14.97
Instant coffee	6.38	6.02	8.84
Noncarbonated fruit flavored drinks	7.59	7.63	7.37
Tea	5.83	5.77	6.22
Other noncarbonated beverages	11.03	11.64	6.91
Nonalcoholic beer	0.14	0.16	0.00
Miscellaneous prepared foods	159.23	160.65	149.52
Soups	12.98	13.03	12.64
Frozen meals	8.19	8.40	6.74
Other frozen prepared food	22.47	22.91	19.43
Potato chips and other snacks	26.40	26.22	27.64
Nuts	6.99	7.06	6.52
Salt, seasonings, and spices	7.54	7.57	7.29
Olives, pickles, and relishes	4.16	4.23	3.71
Sauces and gravies	15.75	15.63	16.57
Other condiments	6.58	6.65	6.09
Prepared salads	5.95	5.93	6.05
Prepared desserts	3.93	3.94	3.87
Baby food	11.01	11.59	7.01
Other miscellaneous prepared foods	27.04	27.19	25.99
Vitamin supplements	0.25	0.29	0.00
Food away from home	616.91	640.96	452.61
Lunch	198.28	206.08	145.03
Dinner	292.61	301.86	229.44
Snacks and nonalcoholic beverages	47.16	48.69	36.74
Breakfast and brunch	45.63	46.81	37.58
Board including school meals	0.23	0.26	0.02
Catered meals	33.00	37.27	3.81
Alcoholic beverages	109.33	116.31	61.59

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00

Table 13--Household type, 1998

Item	All	Married couples					Single parent with own children only		Single person only	All other
		Couple only	With own children only			Other	Male head ¹	Female head ¹		
			Oldest child under 6	Oldest child 6 to 17	Oldest child > 17					
Household characteristics:										
Households (thousands)	91,133	19,509	4,723	13,054	6,328	3,743	508	5,292	26,511	11,464
Sample diaries (number)	10,119	2,196	526	1,467	734	442	56	585	2,919	1,194
Age of householder (years)	47.2	55.0	32.0	39.0	51.1	48.0	40.0	36.8	50.4	45.2
Income before taxes (dollars)	42,243	50,122	55,314	60,715	66,266	52,815	40,506	22,325	25,147	37,953
Income after taxes (percent)	92	91	91	93	92	95	95	97	91	93
Wage and salary income (percent)	78	68	91	90	85	81	90	72	69	81
Amount spent on food (percent)	11	9	10	11	10	13	11	18	10	12
Members per household (number)	2.52	2.00	3.44	4.19	3.89	4.94	2.62	2.87	1.00	2.89
Children under 18 years (number)	0.68	0.00	1.44	2.19	0.64	1.46	1.42	1.74	0.00	0.62
Adults over 64 years (number)	0.29	0.61	0.00	0.01	0.20	0.53	0.00	0.02	0.32	0.26
Vehicles per household (number)	1.6	1.8	1.9	2.0	2.5	2.5	1.2	1.0	0.9	1.6
Earners per household (number)	1.4	1.2	1.7	1.9	2.6	2.4	1.2	1.0	0.6	1.7
Homeownership (percent)	63	81	68	76	82	74	49	38	46	51
Average annual per person expenditure:										
		Dollars								
Food, total (excluding alcoholic beverages)	1,773.35	2,269.26	1,605.97	1,543.00	1,720.86	1,388.93	1,742.88	1,376.83	2,485.03	1,518.57
Food at home	1,094.24	1,401.47	991.77	963.46	1,053.16	962.42	947.25	929.12	1,375.12	959.40
Cereal and bakery products	170.61	209.96	149.26	161.62	165.75	139.73	160.31	146.12	212.28	148.72
Cereal and cereal products	58.91	64.79	50.18	60.05	57.31	49.53	59.05	54.77	72.21	52.06
Flour	2.64	3.88	1.55	2.43	3.53	2.05	1.70	1.90	2.51	2.23
Prepared flour mixes	5.10	6.22	4.21	5.23	5.10	5.37	3.59	3.70	4.97	4.69
Cereal	33.98	35.93	28.22	36.39	32.41	27.48	37.98	31.31	45.13	27.48
Rice	6.51	5.76	5.87	6.69	6.73	5.76	6.36	7.74	7.36	6.45
Pasta (dry) and cornmeal	10.67	13.01	10.33	9.32	9.54	8.88	9.41	10.12	12.25	11.20
Bakery products	111.70	145.16	99.08	101.57	108.44	90.20	101.26	91.35	140.07	96.66
White bread	14.09	16.81	9.31	13.33	14.19	14.26	13.61	11.66	16.65	13.41
Other bread	17.25	22.93	16.10	14.17	16.67	14.50	15.35	10.35	26.87	13.71
Fresh biscuits, rolls, and muffins	15.70	20.77	12.62	14.84	17.66	9.40	17.49	13.13	19.19	13.02
Cakes and cupcakes	13.63	16.44	11.90	12.02	11.86	12.21	8.74	14.18	15.30	14.52
Cookies	17.31	22.17	16.94	15.44	16.35	14.27	17.99	13.88	21.95	15.10
Crackers	8.99	11.43	9.09	8.90	9.23	6.62	12.53	5.48	11.21	7.07
Bread and cracker products	1.52	2.05	1.43	1.36	1.28	1.17	0.00	1.21	2.56	0.97
Doughnuts and sweetrolls	8.13	11.41	6.47	7.16	8.56	5.60	8.76	6.38	10.30	6.77
Frozen and refrigerated bakery products	10.28	14.29	11.19	9.84	9.11	8.22	5.88	10.79	10.73	7.43
Fresh pies, tarts, and turnovers	4.80	6.85	4.02	4.51	3.53	3.95	0.92	4.28	5.32	4.64
Meats, poultry, fish, and eggs	291.56	384.98	233.45	244.38	303.27	313.84	230.38	247.86	329.71	258.71
Meats	182.28	246.96	138.44	150.92	198.01	205.04	159.49	148.25	191.42	164.17
Beef	87.77	120.86	66.90	73.67	105.18	100.80	68.90	65.24	86.08	74.47
Ground beef (excluding canned)	31.00	37.91	27.44	27.58	31.38	34.89	32.08	26.82	29.16	31.17
Chuck roast	4.83	6.78	2.60	3.50	7.87	7.96	0.00	3.95	4.36	2.80
Round roast	4.32	5.73	3.81	3.85	4.53	5.57	5.82	3.03	4.23	3.45
Other roast	5.96	9.30	2.41	4.65	5.88	7.51	3.21	7.02	5.72	4.97
Round steak	6.29	9.74	3.82	5.56	5.71	7.71	9.28	2.90	6.50	5.51
Sirloin steak	10.27	15.94	7.89	7.99	11.02	10.83	8.84	5.58	11.99	8.45
Other steak	17.65	23.92	13.68	14.90	26.73	16.42	5.70	11.54	18.63	13.18
Other beef (excluding canned)	7.44	11.55	5.27	5.64	12.05	9.90	3.98	4.42	5.50	4.94
Pork	57.89	77.24	43.88	45.85	54.91	67.03	60.06	53.29	60.67	58.72
Bacon	8.53	11.27	6.46	6.35	7.71	8.86	7.62	8.15	11.68	8.01
Pork chops	13.26	15.59	13.14	9.80	11.49	18.27	14.26	12.72	14.99	13.63
Ham (excluding canned)	14.22	18.47	9.54	11.80	17.78	15.99	9.58	11.01	12.75	14.70
Other pork	12.70	17.63	9.32	10.54	9.92	16.46	19.48	10.74	11.98	13.29
Pork sausage	8.48	12.71	5.23	6.65	7.48	7.35	9.11	9.68	8.77	8.71
Canned ham	0.70	1.58	0.19	0.71	0.53	0.10	0.00	0.98	0.51	0.39

Continued --

Table 13--Household type, 1998 (continued)

Item	All	Married couples					Other	Single parent with own children only		Single person only	All other
		Couple only	With own children only			Male head ¹		Female head ¹			
			Oldest child under 6	Oldest child 6 to 17	Oldest child > 17						
Other meats	36.63	48.86	27.66	31.39	37.93	37.21	30.53	29.72	44.66	30.97	
Frankfurters	7.98	8.54	5.53	7.72	7.35	10.23	12.80	8.08	8.79	7.27	
Bologna, liverwurst, and salami	8.92	10.88	6.70	7.80	9.56	9.30	5.70	6.60	11.39	8.08	
Other lunch meats	14.79	19.62	12.37	13.28	15.37	11.64	10.43	11.40	18.87	12.58	
Lamb and miscellaneous meats	4.94	9.82	3.06	2.60	5.64	6.05	1.60	3.64	5.61	3.05	
Poultry	55.99	67.79	46.49	50.64	58.35	53.74	33.65	53.94	64.70	49.91	
Fresh and frozen whole chicken	11.62	11.83	10.06	11.08	12.90	14.00	7.45	11.51	11.49	11.10	
Fresh and frozen chicken parts	32.62	39.65	27.31	30.98	33.50	28.67	19.48	30.69	37.83	28.42	
Other poultry	11.75	16.31	9.12	8.58	11.96	11.07	6.71	11.74	15.38	10.40	
Fish and seafood	40.20	54.02	38.69	32.64	35.15	41.11	25.31	35.41	55.13	31.26	
Canned fish and seafood	5.74	8.00	4.93	4.20	5.47	3.54	5.10	4.87	9.45	4.91	
Fresh fish and shellfish	23.96	33.12	23.83	18.21	19.31	26.99	18.88	22.75	32.73	18.23	
Frozen fish and shellfish	10.50	12.90	9.93	10.22	10.37	10.58	1.32	7.79	12.95	8.12	
Eggs	13.09	16.21	9.83	10.19	11.76	13.96	11.94	10.26	18.46	13.36	
Dairy	120.42	148.18	112.83	115.88	112.71	93.78	117.28	101.52	152.01	103.04	
Fresh milk all types	43.27	47.08	42.87	44.37	39.94	40.44	46.14	37.07	52.35	36.65	
Fresh cream	4.28	6.05	3.44	3.83	4.31	3.86	2.12	3.44	5.07	3.37	
Butter	6.75	9.38	4.62	6.16	6.81	5.51	6.77	4.26	8.38	6.17	
Cheese	34.43	45.30	30.97	31.24	33.82	22.31	22.16	28.68	46.04	29.63	
Ice cream and related	21.25	28.39	16.36	20.35	19.49	15.52	25.03	19.02	27.03	17.48	
Other including powdered milk and yogurt	10.44	11.97	14.56	9.92	8.33	6.14	15.05	9.05	13.15	9.75	
Fruits and vegetables	190.86	264.16	183.99	156.31	179.75	150.95	176.92	150.39	259.82	159.35	
Fresh fruits	61.46	86.78	56.18	52.08	53.01	44.88	67.96	45.55	87.87	51.15	
Apples	11.63	14.39	10.15	11.30	10.42	7.91	16.23	8.39	16.82	9.76	
Bananas	11.46	15.41	11.03	8.68	9.24	10.21	9.48	8.80	18.30	9.75	
Oranges	7.49	9.28	6.43	6.48	7.55	6.90	7.41	6.01	9.92	6.59	
Other fresh fruits	25.28	39.04	23.59	21.08	21.14	15.57	29.38	18.26	35.14	20.46	
Other citrus fruits excluding oranges	5.61	8.65	4.98	4.54	4.66	4.28	5.47	4.09	7.68	4.59	
Fresh vegetables	58.96	84.68	56.59	45.30	56.60	52.38	49.60	42.01	77.60	51.01	
Potatoes	10.60	15.62	9.79	7.71	10.13	10.02	10.55	7.71	14.23	8.94	
Lettuce	7.58	9.93	6.95	6.19	8.35	5.48	6.57	6.11	10.10	6.71	
Tomatoes	10.32	15.26	8.73	7.67	9.62	9.08	8.07	8.10	13.67	9.30	
Other fresh vegetables	30.46	43.88	31.12	23.73	28.49	27.81	24.42	20.08	39.59	26.06	
Processed fruits	40.84	51.82	44.87	32.11	41.57	30.47	44.20	36.17	59.19	32.91	
Frozen orange juice	2.95	3.89	3.74	2.15	4.00	1.64	8.10	2.46	4.22	1.75	
Frozen fruits	0.69	1.27	0.73	0.51	0.51	0.22	0.33	0.32	0.95	0.64	
Frozen fruit juices	2.17	1.84	3.83	2.09	2.73	1.95	0.24	1.94	2.25	1.68	
Fresh fruit juice	8.08	11.70	4.69	5.27	7.75	5.65	12.06	4.65	14.53	7.99	
Canned and bottled fruit juice	19.42	22.39	24.96	15.54	19.70	15.20	14.15	20.99	26.43	15.62	
Canned fruits	5.16	7.13	4.70	4.78	4.61	3.68	6.86	4.43	6.84	3.87	
Dried fruits	2.37	3.60	2.21	1.78	2.27	2.13	2.46	1.40	3.98	1.36	
Processed vegetables	29.60	40.89	26.35	26.82	28.57	23.21	15.15	26.66	35.16	24.28	
Frozen vegetables	9.42	13.08	9.16	8.68	9.44	7.50	4.02	8.21	10.93	7.11	
Canned beans	4.22	6.08	3.51	3.52	3.95	2.95	1.86	4.09	4.79	4.16	
Canned corn	2.54	3.10	1.95	2.36	2.72	2.08	1.26	3.10	2.59	2.30	
Canned miscellaneous vegetables	6.38	9.87	4.83	5.17	6.92	4.98	4.37	5.07	8.18	4.64	
Other processed vegetables	0.14	0.17	0.30	0.22	0.01	0.10	0.00	0.00	0.10	0.10	
Other peas	0.07	0.07	0.00	0.11	0.02	0.09	0.00	0.00	0.13	0.05	
Other beans	0.91	1.11	0.90	0.91	0.63	0.74	1.58	0.55	0.95	1.06	
Other miscellaneous vegetables	2.78	2.96	1.75	3.41	2.63	2.53	0.60	2.42	2.89	2.48	
Frozen vegetable juice	0.09	0.11	0.28	0.07	0.01	0.11	0.00	0.00	0.02	0.12	
Fresh and canned vegetable juice	3.05	4.33	3.67	2.37	2.24	2.12	1.47	3.23	4.58	2.24	

Continued --

Table 13--Household type, 1998 (continued)

Item	All	Married couples					Single parent with own children only		Single person only	All other
		Couple only	With own children only			Other	Male head ¹	Female head ¹		
			Oldest child under 6	Oldest child 6 to 17	Oldest child > 17					
Sugar and sweets	43.86	57.13	32.92	40.74	37.52	32.44	33.20	37.30	64.09	37.08
Candy and chewing gum	28.56	36.55	20.49	27.81	22.11	19.11	26.53	23.78	45.27	23.35
Sugar	5.98	7.25	3.66	4.95	7.40	5.79	5.28	5.87	6.25	6.25
Artificial sweeteners	1.31	2.61	0.22	0.51	0.72	0.98	0.00	0.56	2.73	1.49
Other sweets	8.01	10.72	8.55	7.47	7.30	6.56	1.39	7.10	9.84	5.99
Fats and oils	30.45	39.89	26.96	25.13	28.04	31.90	20.16	25.91	36.87	28.15
Margarine	4.37	6.23	3.97	3.37	3.66	4.00	1.43	3.50	5.86	4.08
Other fats, oils, and salad dressings	9.28	11.47	9.50	6.74	9.16	12.60	7.03	7.76	11.18	8.30
Salad dressings	9.30	12.75	6.55	8.16	8.65	7.33	4.88	7.81	11.86	8.86
Nondairy creamer	3.20	5.39	2.74	2.60	2.59	2.99	2.60	2.85	3.39	2.44
Peanut butter	4.29	4.05	4.19	4.25	3.98	4.97	4.22	3.99	4.57	4.47
Beverages	91.25	113.69	71.33	78.63	89.54	80.49	85.95	84.03	117.54	85.15
Cola drinks	34.00	39.86	26.08	29.27	34.13	30.26	26.42	30.93	43.02	35.29
Other carbonated drinks	16.14	19.28	12.60	14.21	16.46	14.16	18.50	15.50	20.72	14.75
Roasted coffee	10.19	16.74	6.67	7.51	9.50	8.02	9.31	6.98	14.81	8.18
Instant coffee	5.46	8.54	2.89	4.07	4.79	4.70	5.99	3.48	8.94	4.38
Noncarbonated fruit flavored drinks	6.97	6.19	5.08	8.08	6.77	7.59	14.60	10.34	6.16	5.59
Tea	5.38	6.23	3.03	4.59	5.34	5.77	3.08	5.04	7.70	5.02
Other noncarbonated beverages	12.94	16.23	14.97	10.82	12.42	9.98	8.05	11.77	16.04	11.85
Nonalcoholic beer	0.17	0.61	0.00	0.07	0.12	0.00	0.00	0.00	0.16	0.09
Miscellaneous prepared foods	155.24	183.47	181.03	140.76	136.59	119.29	123.05	135.98	202.80	139.21
Soups	12.45	17.02	10.87	9.90	11.28	8.39	6.23	11.66	19.29	10.35
Frozen meals	10.07	11.88	5.08	5.87	7.22	5.84	5.09	9.80	23.62	11.31
Other frozen prepared food	19.89	24.51	22.79	19.18	18.69	15.79	9.49	14.57	23.53	17.32
Potato chips and other snacks	27.84	31.35	23.70	31.53	26.53	19.40	28.91	25.10	31.74	23.43
Nuts	6.85	10.54	4.62	5.15	7.39	4.89	5.20	4.75	9.27	6.22
Salt, seasonings, and spices	7.97	10.38	6.88	5.95	8.17	7.72	4.69	6.22	10.87	7.60
Olives, pickles, and relishes	3.85	6.06	2.77	3.40	3.31	2.43	0.00	3.38	4.75	3.34
Sauces and gravies	13.98	17.30	12.33	13.01	14.57	10.60	11.94	11.78	16.27	13.18
Other condiments	6.40	9.44	6.07	5.48	6.76	4.97	2.15	4.74	7.32	5.23
Prepared salads	6.81	9.10	5.01	5.71	6.03	3.63	5.93	4.54	12.28	5.85
Prepared desserts	3.55	5.35	2.64	3.31	2.90	2.59	3.71	3.45	4.07	2.93
Baby food	10.23	3.45	56.70	7.12	2.83	12.37	5.51	13.42	4.42	8.21
Other miscellaneous prepared foods	25.25	26.99	21.56	25.14	20.92	20.65	34.18	22.59	34.83	24.20
Vitamin supplements	0.09	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.05
Food away from home	679.11	867.79	614.21	579.55	667.70	426.51	795.63	447.72	1,109.91	559.17
Lunch	222.05	266.37	192.11	211.58	223.89	147.61	272.55	153.31	341.87	175.59
Dinner	321.95	449.89	292.99	243.80	320.78	194.09	313.06	197.47	537.88	271.28
Snacks and nonalcoholic beverages	65.44	69.29	79.14	59.41	58.20	43.50	131.32	50.31	101.78	56.95
Breakfast and brunch	57.57	74.59	49.93	46.88	50.94	36.53	65.17	35.74	98.63	52.47
Board	7.35	5.48	0.00	14.13	0.20	0.17	13.52	9.76	18.20	1.25
Catered meals	4.75	2.17	0.04	3.75	13.69	4.60	0.00	1.13	11.55	1.62
Alcoholic beverages	113.83	177.24	96.32	62.19	66.77	54.93	148.49	58.31	280.06	91.87

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.
¹Own children with at least one under 18.

Table 14--Household size, 1998

Item	Household size (members)						Six or more
	All	One	Two	Three	Four	Five	
Household characteristics:							
Households (thousands)	91,133	26,511	28,581	13,717	13,250	5,817	3,257
Sample diaries (number)	10,119	2,919	3,161	1,551	1,474	635	379
Age of householder (years)	47.2	50.4	51.4	42.6	41.1	40.6	41.7
Income before taxes (dollars)	42,243	25,147	44,966	50,492	57,448	54,395	43,082
Income after taxes (percent)	92	91	91	92	92	95	96
Wage and salary income (percent)	78	69	71	85	88	87	85
Amount spent on food (percent)	11	10	10	11	11	12	18
Members per household (number)	2.52	1.00	2.00	3.00	4.00	5.00	6.85
Children under 18 years (number)	0.68	0.00	0.10	0.82	1.67	2.37	3.67
Adults over 64 years (number)	0.29	0.32	0.47	0.17	0.10	0.09	0.16
Vehicles per household (number)	1.6	0.9	1.7	1.9	2.0	2.0	2.3
Earners per household (number)	1.4	0.6	1.2	1.8	2.0	2.1	2.4
Homeownership (percent)	63	46	70	67	70	70	73
Average annual per person expenditure:		Dollars					
Food, total (excluding alcoholic beverages)	1,773.35	2,485.03	2,146.37	1,794.60	1,524.16	1,327.21	1,106.15
Food at home	1,094.24	1,375.12	1,301.35	1,093.94	967.10	882.35	808.57
Cereal and bakery products	170.61	212.28	197.17	165.58	158.00	145.89	124.51
Cereal and cereal products	58.91	72.21	61.31	54.75	57.25	55.87	52.56
Flour	2.64	2.51	3.37	2.28	2.20	1.72	3.87
Prepared flour mixes	5.10	4.97	6.01	5.12	4.83	4.61	4.18
Cereal	33.98	45.13	33.14	31.30	33.01	34.48	29.49
Rice	6.51	7.36	5.87	6.18	7.41	5.80	6.55
Pasta (dry) and cornmeal	10.67	12.25	12.92	9.88	9.79	9.24	8.46
Bakery products	111.70	140.07	135.86	110.83	100.75	90.02	71.96
White bread	14.09	16.65	16.09	13.05	13.38	11.69	12.66
Other bread	17.25	26.87	21.22	16.49	13.67	13.14	10.89
Fresh biscuits, rolls, and muffins	15.70	19.19	20.02	15.27	15.08	11.52	8.19
Cakes and cupcakes	13.63	15.30	16.06	14.54	11.63	11.96	10.67
Cookies	17.31	21.95	20.74	16.31	16.19	15.38	10.02
Crackers	8.99	11.21	10.59	9.31	8.98	6.07	5.52
Bread and cracker products	1.52	2.56	1.73	1.37	1.36	1.39	0.59
Doughnuts and sweetrolls	8.13	10.30	10.28	9.39	6.68	5.44	4.62
Frozen and refrigerated bakery products	10.28	10.73	13.13	10.65	9.15	9.41	5.57
Fresh pies, tarts, and turnovers	4.80	5.32	6.01	4.44	4.62	4.02	3.21
Meats, poultry, fish, and eggs	291.56	329.71	347.98	292.78	245.48	258.82	251.59
Meats	182.28	191.42	222.74	183.93	152.21	161.45	163.32
Beef	87.77	86.08	107.12	88.03	72.09	85.31	80.11
Ground beef (excluding canned)	31.00	29.16	35.66	31.10	27.40	30.91	29.79
Chuck roast	4.83	4.36	5.41	4.68	2.77	7.21	6.02
Round roast	4.32	4.23	4.85	5.25	3.96	3.14	3.76
Other roast	5.96	5.72	8.81	6.57	4.71	3.60	3.90
Round steak	6.29	6.50	8.11	4.72	5.20	5.67	7.62
Sirloin steak	10.27	11.99	13.77	8.09	8.04	10.27	8.52
Other steak	17.65	18.63	21.21	19.41	13.47	16.88	15.05
Other beef (excluding canned)	7.44	5.50	9.31	8.21	6.55	7.63	5.45
Pork	57.89	60.67	72.17	60.62	49.69	43.40	51.29
Bacon	8.53	11.68	10.49	8.69	7.13	5.44	6.78
Pork chops	13.26	14.99	14.84	14.70	12.06	10.19	11.36
Ham (excluding canned)	14.22	12.75	17.92	15.93	12.22	9.83	13.81
Other pork	12.70	11.98	16.02	11.84	10.78	10.81	13.66
Pork sausage	8.48	8.77	11.48	9.06	7.04	6.35	5.61
Canned ham	0.70	0.51	1.41	0.41	0.46	0.79	0.07

Continued --

Table 14--Household size, 1998 (continued)

Item	Household size (members)						Six or more
	All	One	Two	Three	Four	Five	
Other meats	36.63	44.66	43.45	35.27	30.43	32.73	31.93
Frankfurters	7.98	8.79	7.99	7.48	6.96	8.66	9.45
Bologna, liverwurst, and salami	8.92	11.39	9.61	9.08	7.55	8.87	7.24
Other lunch meats	14.79	18.87	18.10	14.21	13.35	12.76	8.60
Lamb and miscellaneous meats	4.94	5.61	7.75	4.51	2.57	2.44	6.64
Poultry	55.99	64.70	61.91	54.04	52.91	51.88	46.73
Fresh and frozen whole chicken	11.62	11.49	10.87	11.39	11.71	11.22	14.48
Fresh and frozen chicken parts	32.62	37.83	36.49	30.82	31.81	31.73	22.87
Other poultry	11.75	15.38	14.55	11.82	9.38	8.92	9.38
Fish and seafood	40.20	55.13	48.09	42.70	29.32	35.35	29.82
Canned fish and seafood	5.74	9.45	7.56	5.53	4.36	3.82	2.86
Fresh fish and shellfish	23.96	32.73	29.05	26.31	15.32	20.73	20.90
Frozen fish and shellfish	10.50	12.95	11.48	10.86	9.64	10.80	6.05
Eggs	13.09	18.46	15.24	12.12	11.04	10.14	11.72
Dairy	120.42	152.01	138.92	123.37	106.79	99.14	90.13
Fresh milk all types	43.27	52.35	44.94	43.74	41.30	37.69	39.23
Fresh cream	4.28	5.07	5.46	4.10	3.81	3.63	2.58
Butter	6.75	8.38	8.55	7.44	5.45	4.73	4.68
Cheese	34.43	46.04	41.91	35.74	29.66	24.53	23.26
Ice cream and related	21.25	27.03	25.88	21.22	16.87	20.27	14.26
Other including powdered milk and yogurt	10.44	13.15	12.17	11.13	9.70	8.28	6.12
Fruits and vegetables	190.86	259.82	240.50	188.17	164.43	133.37	124.39
Fresh fruits	61.46	87.87	78.58	58.35	51.62	43.85	38.29
Apples	11.63	16.82	13.29	11.14	10.43	9.40	7.82
Bananas	11.46	18.30	14.25	10.52	8.84	8.89	7.48
Oranges	7.49	9.92	8.75	7.34	6.20	6.26	6.32
Other fresh fruits	25.28	35.14	34.52	24.21	21.23	16.16	13.34
Other citrus fruits excluding oranges	5.61	7.68	7.76	5.15	4.92	3.14	3.33
Fresh vegetables	58.96	77.60	76.22	57.25	49.17	39.98	43.71
Potatoes	10.60	14.23	13.69	10.25	8.74	6.97	8.13
Lettuce	7.58	10.10	9.27	7.47	6.97	4.82	5.47
Tomatoes	10.32	13.67	13.61	9.34	8.21	6.70	9.47
Other fresh vegetables	30.46	39.59	39.65	30.19	25.24	21.48	20.64
Processed fruits	40.84	59.19	48.67	42.51	35.62	28.60	24.27
Frozen orange juice	2.95	4.22	3.43	3.03	2.50	2.40	1.87
Frozen fruits	0.69	0.95	1.11	0.64	0.40	0.42	0.41
Frozen fruit juices	2.17	2.25	1.90	2.77	2.18	2.36	1.39
Fresh fruit juice	8.08	14.53	10.88	6.93	6.05	4.48	4.93
Canned and bottled fruit juice	19.42	26.43	21.83	21.15	17.89	14.59	11.63
Canned fruits	5.16	6.84	6.45	5.78	4.58	2.93	3.02
Dried fruits	2.37	3.98	3.07	2.21	2.02	1.42	1.03
Processed vegetables	29.60	35.16	37.03	30.06	28.01	20.95	18.12
Frozen vegetables	9.42	10.93	11.40	9.49	9.85	5.83	6.14
Canned beans	4.22	4.79	5.75	4.07	3.35	3.95	2.35
Canned corn	2.54	2.59	3.01	2.81	2.24	2.34	1.72
Canned miscellaneous vegetables	6.38	8.18	8.69	6.38	5.31	4.52	3.29
Other processed vegetables	0.14	0.10	0.12	0.19	0.27	0.00	0.00
Other peas	0.07	0.13	0.05	0.01	0.10	0.06	0.09
Other beans	0.91	0.95	1.11	0.80	0.92	0.59	0.93
Other miscellaneous vegetables	2.78	2.89	2.93	3.08	3.51	1.71	1.43
Frozen vegetable juice	0.09	0.02	0.11	0.11	0.08	0.08	0.10
Fresh and canned vegetable juice	3.05	4.58	3.88	3.13	2.39	1.87	2.08

Continued --

Table 14--Household size, 1998 (continued)

Item	Household size (members)						Six or more
	All	One	Two	Three	Four	Five	
Sugar and sweets	43.86	64.09	52.22	44.18	36.89	33.24	28.21
Candy and chewing gum	28.56	45.27	33.45	29.54	23.30	21.10	16.63
Sugar	5.98	6.25	6.58	5.83	5.69	5.20	6.13
Artificial sweeteners	1.31	2.73	2.43	0.77	0.47	0.62	0.61
Other sweets	8.01	9.84	9.77	8.05	7.42	6.33	4.83
Fats and oils	30.45	36.87	36.38	30.46	26.24	23.45	26.71
Margarine	4.37	5.86	5.56	4.75	3.38	2.95	3.05
Other fats, oils, and salad dressings	9.28	11.18	10.32	9.76	7.54	7.34	10.17
Salad dressings	9.30	11.86	11.80	8.76	8.09	6.95	6.76
Nondairy creamer	3.20	3.39	4.71	3.34	2.72	1.86	1.73
Peanut butter	4.29	4.57	3.98	3.84	4.52	4.35	4.99
Beverages	91.25	117.54	109.88	90.76	80.22	72.36	63.95
Cola drinks	34.00	43.02	39.08	34.18	30.85	27.03	26.52
Other carbonated drinks	16.14	20.72	19.04	15.63	15.21	12.82	10.71
Roasted coffee	10.19	14.81	14.94	10.18	7.04	5.97	5.58
Instant coffee	5.46	8.94	7.48	4.85	4.61	3.12	2.28
Noncarbonated fruit flavored drinks	6.97	6.16	6.26	7.25	7.07	7.74	8.03
Tea	5.38	7.70	6.47	5.56	4.62	4.57	2.35
Other noncarbonated beverages	12.94	16.04	16.20	12.93	10.76	11.11	8.48
Nonalcoholic beer	0.17	0.16	0.42	0.17	0.05	0.00	0.00
Miscellaneous prepared foods	155.24	202.80	178.30	158.65	149.06	116.07	99.09
Soups	12.45	19.29	15.67	12.48	10.25	7.54	7.69
Frozen meals	10.07	23.62	12.62	7.57	7.31	4.41	6.01
Other frozen prepared food	19.89	23.53	23.36	21.57	19.40	14.64	11.60
Potato chips and other snacks	27.84	31.74	30.66	25.39	30.40	25.90	16.97
Nuts	6.85	9.27	9.52	6.88	5.73	3.93	3.56
Salt, seasonings, and spices	7.97	10.87	9.37	8.31	7.38	5.72	4.65
Olives, pickles, and relishes	3.85	4.75	5.25	4.10	3.48	2.21	1.71
Sauces and gravies	13.98	16.27	16.72	14.39	12.43	12.56	9.02
Other condiments	6.40	7.32	8.38	6.90	5.93	4.35	3.12
Prepared salads	6.81	12.28	8.51	5.99	5.78	4.45	2.98
Prepared desserts	3.55	4.07	4.80	3.91	3.03	2.40	1.84
Baby food	10.23	4.42	5.45	16.84	14.36	8.12	10.09
Other miscellaneous prepared foods	25.25	34.83	27.92	24.33	23.54	19.85	19.86
Vitamin supplements	0.09	0.55	0.07	0.00	0.03	0.00	0.00
Food away from home	679.11	1,109.91	845.03	700.66	557.05	444.86	297.58
Lunch	222.05	341.87	261.64	222.04	194.11	172.42	109.29
Dinner	321.95	537.88	427.29	321.08	255.97	184.49	132.91
Snacks and nonalcoholic beverages	65.44	101.78	74.16	74.09	55.39	46.91	31.97
Breakfast and brunch	57.57	98.63	75.07	58.57	43.99	35.57	23.10
Board	7.35	18.20	4.80	20.82	0.76	0.82	0.29
Catered meals	4.75	11.55	2.07	4.05	6.84	4.65	0.02
Alcoholic beverages	113.83	280.06	166.76	96.16	59.39	46.50	30.36

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 15--Region and city size, 1998

Item	All	Metropolitan statistical area				Other urban
		Northeast	Midwest	South	West	
Household characteristics:						
Households (thousands)	91,133	18,186	17,724	27,721	19,510	7,992
Sample diaries (number)	10,119	1,849	2,163	2,861	2,522	724
Age of householder (years)	47.2	48.5	48.2	47.1	46.5	44.4
Income before taxes (dollars)	42,243	45,416	45,835	41,047	44,086	28,734
Income after taxes (percent)	92	92	93	92	91	92
Wage and salary income (percent)	78	80	76	81	77	74
Amount spent on food (percent)	11	10	10	10	11	12
Members per household (number)	2.52	2.44	2.49	2.54	2.64	2.34
Children under 18 years (number)	0.68	0.60	0.69	0.69	0.77	0.60
Adults over 64 years (number)	0.29	0.31	0.29	0.28	0.29	0.27
Vehicles per household (number)	1.6	1.4	1.6	1.6	1.7	1.4
Earners per household (number)	1.4	1.4	1.4	1.3	1.4	1.3
Homeownership (percent)	63	61	70	66	58	52
Average annual per person expenditure:		Dollars				
Food, total (excluding alcoholic beverages)	1,773.35	1,939.86	1,831.71	1,683.91	1,831.21	1,417.24
Food at home	1,094.24	1,180.80	1,134.13	1,037.89	1,141.00	877.76
Cereal and bakery products	170.61	189.52	179.73	157.07	173.80	146.39
Cereal and cereal products	58.91	64.63	62.27	51.80	62.27	54.94
Flour	2.64	2.96	2.40	2.47	2.55	3.38
Prepared flour mixes	5.10	4.04	5.89	5.11	5.41	4.86
Cereal	33.98	36.22	36.88	29.90	35.16	33.95
Rice	6.51	8.34	5.95	5.36	7.94	3.88
Pasta (dry) and cornmeal	10.67	13.06	11.13	8.95	11.22	8.87
Bakery products	111.70	124.89	117.47	105.27	111.52	91.45
White bread	14.09	16.46	15.93	13.17	12.60	11.74
Other bread	17.25	20.52	16.98	14.78	19.56	13.05
Fresh biscuits, rolls, and muffins	15.70	19.89	16.52	12.67	16.19	13.89
Cakes and cupcakes	13.63	16.16	12.91	14.28	13.20	8.01
Cookies	17.31	18.32	18.05	17.18	16.49	15.92
Crackers	8.99	8.36	10.15	8.23	9.86	8.28
Bread and cracker products	1.52	1.61	1.73	1.34	1.51	1.55
Doughnuts and sweetrolls	8.13	7.91	9.64	7.71	8.30	6.16
Frozen and refrigerated bakery products	10.28	11.08	10.20	10.94	8.91	9.86
Fresh pies, tarts, and turnovers	4.80	4.59	5.37	4.98	4.91	2.99
Meats, poultry, fish, and eggs	291.56	332.08	297.79	292.39	285.55	193.94
Meats	182.28	204.70	202.61	180.85	167.33	127.65
Beef	87.77	100.33	97.75	84.90	82.33	60.15
Ground beef (excluding canned)	31.00	33.02	34.95	31.29	27.47	25.54
Chuck roast	4.83	4.97	4.97	4.81	4.77	4.43
Round roast	4.32	4.74	5.17	4.51	3.93	1.66
Other roast	5.96	5.26	5.91	7.35	5.46	3.94
Round steak	6.29	6.75	7.59	5.44	6.24	5.39
Sirloin steak	10.27	13.30	10.81	8.41	11.31	5.86
Other steak	17.65	21.24	20.06	16.71	16.77	9.37
Other beef (excluding canned)	7.44	11.04	8.28	6.37	6.36	3.95
Pork	57.89	61.14	62.07	62.54	51.20	41.15
Bacon	8.53	7.61	9.99	9.58	7.21	6.93
Pork chops	13.26	17.29	14.49	13.47	10.41	7.85
Ham (excluding canned)	14.22	17.44	14.19	15.44	11.30	10.08
Other pork	12.70	12.11	12.99	13.29	14.13	7.19
Pork sausage	8.48	6.17	9.72	10.11	7.10	8.75
Canned ham	0.70	0.52	0.68	0.65	1.05	0.34

Continued --

Table 15--Region and city size, 1998 (continued)

Item	All	Metropolitan statistical area				Other urban
		Northeast	Midwest	South	West	
Other meats	36.63	43.23	42.79	33.41	33.80	26.36
Frankfurters	7.98	10.02	8.95	7.47	7.14	5.05
Bologna, liverwurst, and salami	8.92	11.07	11.14	7.34	7.45	8.58
Other lunch meats	14.79	16.87	17.30	13.79	13.43	11.47
Lamb and miscellaneous meats	4.94	5.27	5.40	4.80	5.79	1.26
Poultry	55.99	66.20	50.98	56.76	57.55	36.25
Fresh and frozen whole chicken	11.62	12.62	7.78	12.21	14.94	6.97
Fresh and frozen chicken parts	32.62	40.00	31.37	32.07	32.18	21.27
Other poultry	11.75	13.57	11.83	12.49	10.43	8.01
Fish and seafood	40.20	47.52	32.96	41.63	45.62	19.55
Canned fish and seafood	5.74	6.16	4.98	5.61	6.06	6.17
Fresh fish and shellfish	23.96	30.67	16.78	25.97	27.59	7.38
Frozen fish and shellfish	10.50	10.69	11.20	10.05	11.97	6.01
Eggs	13.09	13.67	11.24	13.15	15.04	10.49
Dairy	120.42	131.74	124.99	111.31	124.78	105.00
Fresh milk all types	43.27	43.44	45.58	41.31	44.78	40.56
Fresh cream	4.28	4.60	4.35	3.65	5.42	2.54
Butter	6.75	9.64	6.91	5.76	6.50	3.95
Cheese	34.43	38.80	36.79	30.67	34.00	33.84
Ice cream and related	21.25	24.27	21.91	20.60	20.85	16.05
Other including powdered milk and yogurt	10.44	10.99	9.45	9.31	13.24	8.05
Fruits and vegetables	190.86	213.67	193.84	173.85	209.11	143.35
Fresh fruits	61.46	67.18	63.31	53.37	70.49	49.06
Apples	11.63	12.46	12.87	10.79	11.57	10.03
Bananas	11.46	12.48	11.45	10.36	12.52	10.23
Oranges	7.49	7.96	7.19	6.65	9.16	5.69
Other fresh fruits	25.28	28.35	26.51	20.92	29.75	19.13
Other citrus fruits excluding oranges	5.61	5.93	5.29	4.66	7.49	3.99
Fresh vegetables	58.96	67.39	58.28	54.08	66.83	37.16
Potatoes	10.60	11.59	10.97	10.52	10.81	7.06
Lettuce	7.58	8.72	8.26	6.87	7.96	4.87
Tomatoes	10.32	12.15	8.51	10.16	11.52	7.58
Other fresh vegetables	30.46	34.94	30.54	26.53	36.54	17.66
Processed fruits	40.84	46.80	41.29	37.38	43.18	32.24
Frozen orange juice	2.95	2.98	3.32	2.04	3.63	3.56
Frozen fruits	0.69	0.55	0.57	0.46	0.95	1.42
Frozen fruit juices	2.17	2.11	2.47	1.49	2.46	3.33
Fresh fruit juice	8.08	11.00	8.90	6.75	7.96	4.60
Canned and bottled fruit juice	19.42	23.34	17.89	19.13	20.16	12.78
Canned fruits	5.16	4.37	5.91	5.14	5.16	5.39
Dried fruits	2.37	2.45	2.24	2.37	2.86	1.15
Processed vegetables	29.60	32.30	30.96	29.02	28.60	24.88
Frozen vegetables	9.42	12.09	10.24	9.22	7.98	5.92
Canned beans	4.22	4.37	4.22	4.40	3.82	4.32
Canned corn	2.54	2.24	2.69	2.49	2.52	3.11
Canned miscellaneous vegetables	6.38	6.51	6.05	6.70	6.18	6.21
Other processed vegetables	0.14	0.35	0.05	0.05	0.20	0.00
Other peas	0.07	0.04	0.11	0.07	0.08	0.05
Other beans	0.91	0.45	0.65	1.07	1.28	0.94
Other miscellaneous vegetables	2.78	3.15	3.44	2.28	2.98	1.70
Frozen vegetable juice	0.09	0.10	0.08	0.05	0.12	0.12
Fresh and canned vegetable juice	3.05	3.00	3.43	2.69	3.46	2.51

Continued --

Table 15--Region and city size, 1998 (continued)

Item	All	Metropolitan statistical area				Other urban
		Northeast	Midwest	South	West	
Sugar and sweets	43.86	44.81	48.23	37.48	48.72	41.95
Candy and chewing gum	28.56	27.94	33.67	21.48	34.63	27.96
Sugar	5.98	6.54	5.84	6.51	4.99	5.73
Artificial sweeteners	1.31	1.96	0.83	1.68	0.82	0.82
Other sweets	8.01	8.37	7.88	7.81	8.29	7.44
Fats and oils	30.45	31.61	31.09	29.99	31.73	24.35
Margarine	4.37	5.00	4.65	4.04	4.28	3.73
Other fats, oils, and salad dressings	9.28	10.82	8.84	9.23	9.55	6.18
Salad dressings	9.30	8.91	9.21	9.26	10.62	6.93
Nondairy creamer	3.20	2.69	3.34	3.49	3.36	2.51
Peanut butter	4.29	4.18	5.05	3.97	3.93	5.00
Beverages	91.25	90.67	97.15	86.76	94.74	85.97
Cola drinks	34.00	33.20	38.40	33.14	32.34	33.36
Other carbonated drinks	16.14	15.56	19.44	14.21	15.08	19.93
Roasted coffee	10.19	9.88	12.27	9.20	10.41	9.20
Instant coffee	5.46	6.17	5.44	5.11	5.92	3.80
Noncarbonated fruit flavored drinks	6.97	5.97	6.13	7.61	8.32	5.21
Tea	5.38	7.68	4.68	5.29	4.52	4.25
Other noncarbonated beverages	12.94	12.18	10.71	12.13	17.59	10.20
Nonalcoholic beer	0.17	0.02	0.07	0.07	0.56	0.00
Miscellaneous prepared foods	155.24	146.69	161.31	149.05	172.56	136.80
Soups	12.45	13.02	14.34	11.30	12.25	11.56
Frozen meals	10.07	9.03	10.37	9.70	11.96	8.09
Other frozen prepared food	19.89	17.40	23.72	18.56	22.08	15.78
Potato chips and other snacks	27.84	26.34	32.43	26.77	26.69	27.80
Nuts	6.85	6.84	6.48	6.44	8.40	5.05
Salt, seasonings, and spices	7.97	7.55	7.17	8.05	9.85	5.40
Olives, pickles, and relishes	3.85	3.42	4.19	3.75	4.22	3.37
Sauces and gravies	13.98	14.05	13.24	12.81	16.44	13.20
Other condiments	6.40	5.21	7.61	5.85	7.39	5.73
Prepared salads	6.81	7.25	7.51	6.85	6.39	5.07
Prepared desserts	3.55	3.87	4.44	3.37	3.20	2.38
Baby food	10.23	10.96	6.03	13.48	9.49	8.13
Other miscellaneous prepared foods	25.25	21.74	23.74	21.93	34.21	25.00
Vitamin supplements	0.09	0.00	0.04	0.20	0.00	0.25
Food away from home	679.11	759.07	697.58	646.03	690.21	539.49
Lunch	222.05	232.51	233.08	225.49	218.38	168.28
Dinner	321.95	388.10	329.19	299.63	311.35	260.89
Snacks and nonalcoholic beverages	65.44	79.20	65.19	57.25	65.67	63.50
Breakfast and brunch	57.57	55.64	58.65	56.42	64.33	45.35
Board	7.35	0.08	1.26	5.19	24.16	0.76
Catered meals	4.75	3.53	10.21	2.04	6.32	0.71
Alcoholic beverages	113.83	130.57	117.73	104.49	129.95	55.57

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 16--Season, 1998

Item	All	Season			
		Winter	Spring	Summer	Fall
Household characteristics:					
Households (thousands)	91,133	21,503	23,187	23,392	23,051
Sample diaries (number)	10,119	2,151	2,353	2,406	3,209
Age of householder (years)	47.2	47.2	47.3	47.4	47.1
Income before taxes (dollars)	42,243	43,174	44,052	41,305	40,428
Income after taxes (percent)	92	92	92	92	93
Wage and salary income (percent)	78	80	77	79	77
Amount spent on food (percent)	11	10	10	11	11
Members per household (number)	2.52	2.53	2.52	2.49	2.52
Children under 18 years (number)	0.68	0.69	0.68	0.66	0.69
Adults over 64 years (number)	0.29	0.30	0.27	0.31	0.29
Vehicles per household (number)	1.6	1.6	1.6	1.6	1.5
Earners per household (number)	1.4	1.4	1.4	1.4	1.4
Homeownership (percent)	63	63	63	63	63
Average annual per person expenditure:	<i>Dollars</i>				
Food, total (excluding alcoholic beverages)	1,773.35	1,755.35	1,779.61	1,780.57	1,776.69
Food at home	1,094.24	1,065.47	1,091.69	1,080.37	1,137.72
Cereal and bakery products	170.61	170.56	168.81	166.01	177.09
Cereal and cereal products	58.91	58.81	58.26	57.61	60.96
Flour	2.64	2.78	2.02	2.52	3.27
Prepared flour mixes	5.10	5.08	4.83	4.74	5.76
Cereal	33.98	34.85	34.53	33.06	33.54
Rice	6.51	5.66	6.57	6.14	7.63
Pasta (dry) and cornmeal	10.67	10.44	10.31	11.16	10.76
Bakery products	111.70	111.75	110.55	108.40	116.13
White bread	14.09	13.47	14.04	14.07	14.75
Other bread	17.25	17.43	16.93	18.12	16.52
Fresh biscuits, rolls, and muffins	15.70	15.12	16.92	15.37	15.34
Cakes and cupcakes	13.63	13.29	13.19	13.56	14.46
Cookies	17.31	19.55	16.50	15.92	17.41
Crackers	8.99	9.06	9.43	8.10	9.39
Bread and cracker products	1.52	1.19	1.29	1.14	2.45
Doughnuts and sweetrolls	8.13	8.46	8.13	7.52	8.42
Frozen and refrigerated bakery products	10.28	10.47	8.97	9.81	11.90
Fresh pies, tarts, and turnovers	4.80	3.70	5.15	4.80	5.49
Meats, poultry, fish, and eggs	291.56	274.08	290.55	297.92	302.59
Meats	182.28	165.55	189.37	189.54	183.55
Beef	87.77	78.62	92.07	95.62	84.13
Ground beef (excluding canned)	31.00	27.27	32.99	33.49	30.00
Chuck roast	4.83	4.15	5.32	5.02	4.79
Round roast	4.32	4.28	3.49	4.30	5.22
Other roast	5.96	4.25	5.51	6.67	7.32
Round steak	6.29	5.89	5.84	7.74	5.65
Sirloin steak	10.27	9.23	10.91	11.21	9.64
Other steak	17.65	15.89	19.74	19.95	14.88
Other beef (excluding canned)	7.44	7.65	8.27	7.23	6.64
Pork	57.89	50.73	60.83	56.03	63.50
Bacon	8.53	7.70	8.91	8.65	8.79
Pork chops	13.26	12.60	14.09	14.37	11.94
Ham (excluding canned)	14.22	10.12	14.50	12.65	19.37
Other pork	12.70	12.13	13.77	11.37	13.49
Pork sausage	8.48	7.24	8.95	8.56	9.11
Canned ham	0.70	0.95	0.61	0.43	0.81

Continued --

Table 16--Season, 1998 (continued)

Item	All	Season			
		Winter	Spring	Summer	Fall
Other meats	36.63	36.21	36.47	37.89	35.92
Frankfurters	7.98	7.23	8.62	9.33	6.67
Bologna, liverwurst, and salami	8.92	8.43	8.66	9.02	9.53
Other lunch meats	14.79	14.50	13.94	15.48	15.23
Lamb and miscellaneous meats	4.94	6.04	5.25	4.06	4.49
Poultry	55.99	55.77	51.81	56.41	59.97
Fresh and frozen whole chicken	11.62	12.61	10.88	10.84	12.24
Fresh and frozen chicken parts	32.62	32.67	32.37	34.04	31.39
Other poultry	11.75	10.50	8.56	11.53	16.35
Fish and seafood	40.20	39.24	37.48	38.78	45.27
Canned fish and seafood	5.74	5.41	6.48	5.85	5.21
Fresh fish and shellfish	23.96	21.25	21.73	24.90	27.81
Frozen fish and shellfish	10.50	12.58	9.27	8.03	12.26
Eggs	13.09	13.52	11.89	13.19	13.80
Dairy	120.42	116.45	120.42	118.54	126.02
Fresh milk all types	43.27	46.07	41.19	42.10	43.89
Fresh cream	4.28	3.87	4.09	4.04	5.09
Butter	6.75	6.39	5.89	6.23	8.49
Cheese	34.43	32.07	33.61	33.04	38.86
Ice cream and related	21.25	17.97	24.92	23.03	18.85
Other including powdered milk and yogurt	10.44	10.08	10.72	10.11	10.84
Fruits and vegetables	190.86	188.32	196.01	189.67	189.24
Fresh fruits	61.46	57.22	65.94	66.50	55.87
Apples	11.63	12.68	10.92	11.08	11.91
Bananas	11.46	11.68	11.82	11.33	11.01
Oranges	7.49	9.28	7.52	5.52	7.77
Other fresh fruits	25.28	18.84	29.60	33.20	19.00
Other citrus fruits excluding oranges	5.61	4.73	6.09	5.38	6.19
Fresh vegetables	58.96	56.33	65.11	57.75	56.43
Potatoes	10.60	10.47	10.83	10.40	10.68
Lettuce	7.58	7.53	8.78	7.25	6.74
Tomatoes	10.32	9.12	11.96	10.77	9.35
Other fresh vegetables	30.46	29.21	33.54	29.32	29.67
Processed fruits	40.84	42.45	37.82	38.43	44.80
Frozen orange juice	2.95	3.67	2.52	2.55	3.11
Frozen fruits	0.69	0.91	0.52	0.50	0.83
Frozen fruit juices	2.17	2.84	2.16	1.79	1.91
Fresh fruit juice	8.08	7.02	7.60	8.68	8.97
Canned and bottled fruit juice	19.42	19.67	17.85	19.26	20.92
Canned fruits	5.16	5.80	4.80	4.10	6.00
Dried fruits	2.37	2.54	2.36	1.54	3.06
Processed vegetables	29.60	32.33	27.13	26.98	32.14
Frozen vegetables	9.42	10.52	8.79	8.80	9.67
Canned beans	4.22	4.42	3.58	4.20	4.71
Canned corn	2.54	2.74	2.41	2.25	2.76
Canned miscellaneous vegetables	6.38	7.08	5.86	4.99	7.64
Other processed vegetables	0.14	0.21	0.00	0.19	0.16
Other peas	0.07	0.07	0.07	0.10	0.04
Other beans	0.91	1.01	0.75	0.95	0.93
Other miscellaneous vegetables	2.78	3.04	2.23	2.84	3.05
Frozen vegetable juice	0.09	0.10	0.13	0.05	0.07
Fresh and canned vegetable juice	3.05	3.15	3.33	2.62	3.10

Continued --

Table 16--Season, 1998 (continued)

Item	All	Season			
		Winter	Spring	Summer	Fall
Sugar and sweets	43.86	43.07	40.39	36.34	55.65
Candy and chewing gum	28.56	27.49	26.26	21.47	39.01
Sugar	5.98	5.97	4.77	6.36	6.84
Artificial sweeteners	1.31	1.72	1.22	1.22	1.09
Other sweets	8.01	7.89	8.14	7.28	8.72
Fats and oils	30.45	31.10	28.80	30.23	31.71
Margarine	4.37	4.22	3.84	3.98	5.44
Other fats, oils, and salad dressings	9.28	10.50	8.08	9.73	8.91
Salad dressings	9.30	9.15	9.31	9.67	9.06
Nondairy creamer	3.20	3.05	3.31	2.56	3.88
Peanut butter	4.29	4.18	4.26	4.30	4.43
Beverages	91.25	85.75	95.23	92.99	90.64
Cola drinks	34.00	32.78	35.90	32.83	34.41
Other carbonated drinks	16.14	14.93	17.71	16.39	15.43
Roasted coffee	10.19	10.85	9.47	9.71	10.80
Instant coffee	5.46	5.08	5.10	5.61	6.00
Noncarbonated fruit flavored drinks	6.97	6.33	7.47	7.20	6.85
Tea	5.38	4.46	5.50	5.54	5.95
Other noncarbonated beverages	12.94	11.27	13.75	15.65	10.97
Nonalcoholic beer	0.17	0.05	0.33	0.06	0.22
Miscellaneous prepared foods	155.24	156.14	151.48	148.67	164.78
Soups	12.45	14.37	10.37	10.04	15.18
Frozen meals	10.07	10.87	9.80	9.70	9.98
Other frozen prepared food	19.89	20.58	17.80	21.34	19.90
Potato chips and other snacks	27.84	26.00	30.66	27.44	27.12
Nuts	6.85	5.16	6.82	5.39	9.94
Salt, seasonings, and spices	7.97	7.69	7.33	6.37	10.49
Olives, pickles, and relishes	3.85	3.75	4.21	3.24	4.19
Sauces and gravies	13.98	14.26	14.15	13.14	14.38
Other condiments	6.40	6.26	5.30	6.23	7.81
Prepared salads	6.81	6.62	7.61	6.66	6.33
Prepared desserts	3.55	3.83	3.46	3.69	3.26
Baby food	10.23	10.59	8.42	11.85	10.08
Other miscellaneous prepared foods	25.25	26.14	25.32	23.50	26.11
Vitamin supplements	0.09	0.04	0.24	0.07	0.00
Food away from home	679.11	689.88	687.93	700.20	638.97
Lunch	222.05	239.68	215.62	220.67	213.38
Dinner	321.95	319.71	332.78	342.39	292.62
Snacks and nonalcoholic beverages	65.44	65.00	71.13	68.60	56.94
Breakfast and brunch	57.57	56.22	58.46	59.65	55.87
Board	7.35	8.33	8.40	0.24	12.50
Catered meals	4.75	0.94	1.54	8.64	7.67
Alcoholic beverages	113.83	105.18	108.26	117.62	123.76

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 17--Housing tenure, 1998

Item	Homeowners				Renter	Others	
	Mortgage status					Occupied without cash rent	College housing
	All	With	Without	Unknown			
Household characteristics:							
Households (thousands)	91,133	35,722	19,100	2,461	31,362	1,854	635
Sample diaries (number)	10,119	4,023	2,161	301	3,379	198	57
Age of householder (years)	47.2	45.1	63.6	52.1	39.8	47.4	24.2
Income before taxes (dollars)	42,243	59,718	33,051	58,984	29,005	25,329	6,882
Income after taxes (percent)	92	91	93	95	93	93	100
Wage and salary income (percent)	78	85	49	88	83	69	43
Amount spent on food (percent)	11	10	12	3	12	15	12
Members per household (number)	2.52	3.03	2.08	2.26	2.24	2.40	1.28
Children under 18 years (number)	0.68	0.94	0.29	0.48	0.65	0.70	0.17
Adults over 64 years (number)	0.29	0.14	0.82	0.36	0.14	0.31	0.05
Vehicles per household (number)	1.6	2.1	1.7	0.5	1.1	1.3	0.1
Earners per household (number)	1.4	1.8	0.9	1.2	1.2	1.1	0.9
Homeownership (percent)	63	100	100	100	0	0	0
Average annual per person expenditure:		Dollars					
Food, total (excluding alcoholic beverages)	1,773.35	1,892.81	1,979.77	675.08	1,586.07	1,570.04	620.81
Food at home	1,094.24	1,147.67	1,284.21	447.15	968.95	1,061.72	152.07
Cereal and bakery products	170.61	181.62	202.85	66.41	147.16	144.10	17.61
Cereal and cereal products	58.91	61.59	63.72	26.25	55.55	54.46	6.14
Flour	2.64	2.87	3.48	1.14	1.94	3.15	0.00
Prepared flour mixes	5.10	5.44	6.66	2.07	4.12	2.91	1.19
Cereal	33.98	36.26	37.53	17.00	30.52	28.66	1.66
Rice	6.51	5.98	5.55	2.08	8.27	6.95	0.00
Pasta (dry) and cornmeal	10.67	11.04	10.49	3.96	10.69	12.78	3.30
Bakery products	111.70	120.04	139.13	40.16	91.61	89.64	11.47
White bread	14.09	13.90	17.32	4.52	13.47	14.25	0.00
Other bread	17.25	17.78	22.14	7.85	14.80	14.11	0.72
Fresh biscuits, rolls, and muffins	15.70	17.95	19.43	5.61	11.37	11.45	0.91
Cakes and cupcakes	13.63	14.32	14.80	3.93	13.11	8.53	3.80
Cookies	17.31	19.19	22.89	5.32	12.77	11.65	0.73
Crackers	8.99	9.95	12.01	3.08	6.43	8.05	1.60
Bread and cracker products	1.52	1.66	1.95	0.95	1.09	1.80	2.23
Doughnuts and sweetrolls	8.13	8.66	11.02	2.51	6.37	5.56	0.00
Frozen and refrigerated bakery products	10.28	11.61	11.53	3.82	8.31	7.70	0.00
Fresh pies, tarts, and turnovers	4.80	5.00	6.04	2.59	3.90	6.53	1.48
Meats, poultry, fish, and eggs	291.56	298.98	345.46	129.07	262.75	340.60	9.22
Meats	182.28	187.57	219.44	90.24	159.41	231.36	4.92
Beef	87.77	91.72	100.63	45.59	75.60	137.94	0.00
Ground beef (excluding canned)	31.00	32.19	34.39	13.48	28.55	38.48	0.00
Chuck roast	4.83	4.47	6.43	3.78	3.83	17.59	0.00
Round roast	4.32	4.39	6.08	3.53	3.25	5.69	0.00
Other roast	5.96	5.88	8.42	2.86	4.97	6.69	0.00
Round steak	6.29	6.53	6.45	4.32	6.08	5.75	0.00
Sirloin steak	10.27	10.43	13.23	5.26	8.91	9.36	0.00
Other steak	17.65	19.71	17.82	9.88	14.15	34.25	0.00
Other beef (excluding canned)	7.44	8.12	7.81	2.49	5.87	20.15	0.00
Pork	57.89	58.46	74.67	27.00	50.28	63.71	0.00
Bacon	8.53	8.35	12.11	5.91	7.12	7.95	0.00
Pork chops	13.26	13.35	14.77	4.13	13.02	15.38	0.00
Ham (excluding canned)	14.22	14.58	21.73	4.40	10.39	13.83	0.00
Other pork	12.70	13.56	13.44	6.68	11.65	11.52	0.00
Pork sausage	8.48	7.97	11.28	5.45	7.63	14.88	0.00
Canned ham	0.70	0.65	1.34	0.43	0.46	0.14	0.00

Continued --

Table 17--Housing tenure, 1998 (continued)

Item	Homeowners				Others		
	Mortgage status			Renter	Occupied without cash rent	College housing	
	All	With	Without				
Other meats	36.63	37.39	44.13	17.66	33.53	29.71	4.92
Frankfurters	7.98	8.38	8.92	4.08	7.33	6.25	0.00
Bologna, liverwurst, and salami	8.92	8.78	11.72	4.00	8.12	7.76	0.00
Other lunch meats	14.79	15.63	17.81	6.48	12.84	10.39	4.92
Lamb and miscellaneous meats	4.94	4.59	5.68	3.09	5.24	5.31	0.00
Poultry	55.99	59.08	58.26	22.00	53.65	49.98	0.00
Fresh and frozen whole chicken	11.62	11.04	11.88	8.73	12.77	11.18	0.00
Fresh and frozen chicken parts	32.62	35.31	32.81	9.59	30.66	30.91	0.00
Other poultry	11.75	12.72	13.57	3.67	10.23	7.90	0.00
Fish and seafood	40.20	40.18	51.73	10.29	36.04	47.95	2.63
Canned fish and seafood	5.74	5.99	7.65	2.41	4.71	3.81	2.63
Fresh fish and shellfish	23.96	23.53	33.15	5.04	20.88	29.25	0.00
Frozen fish and shellfish	10.50	10.66	10.93	2.84	10.46	14.89	0.00
Eggs	13.09	12.15	16.03	6.54	13.64	11.30	1.67
Dairy	120.42	127.91	142.25	42.05	104.59	111.32	12.00
Fresh milk all types	43.27	43.98	50.02	17.64	41.27	36.04	6.15
Fresh cream	4.28	5.03	4.96	1.04	2.94	5.70	0.00
Butter	6.75	7.50	8.00	1.87	5.39	6.16	0.70
Cheese	34.43	37.26	42.88	11.04	27.81	30.02	1.41
Ice cream and related	21.25	22.57	25.59	5.68	18.05	23.88	3.74
Other including powdered milk and yogurt	10.44	11.57	10.80	4.78	9.13	9.52	0.00
Fruits and vegetables	190.86	197.17	238.22	80.43	165.89	179.00	19.14
Fresh fruits	61.46	64.28	77.09	26.57	52.05	56.52	3.09
Apples	11.63	12.96	12.97	4.85	9.46	11.74	2.20
Bananas	11.46	11.32	15.22	4.84	10.28	10.31	0.60
Oranges	7.49	7.50	8.70	2.71	7.32	6.60	0.00
Other fresh fruits	25.28	26.45	33.11	12.15	20.55	22.59	0.00
Other citrus fruits excluding oranges	5.61	6.06	7.10	2.04	4.44	5.28	0.30
Fresh vegetables	58.96	59.89	72.41	22.92	53.80	52.60	5.62
Potatoes	10.60	10.63	14.05	3.46	9.25	10.86	0.93
Lettuce	7.58	7.58	8.87	3.42	7.18	8.77	1.25
Tomatoes	10.32	9.79	13.16	5.41	10.15	8.46	2.08
Other fresh vegetables	30.46	31.90	36.32	10.63	27.22	24.50	1.35
Processed fruits	40.84	43.16	50.78	16.62	33.90	41.79	8.37
Frozen orange juice	2.95	3.39	3.70	0.79	2.08	2.37	1.07
Frozen fruits	0.69	0.72	1.19	0.23	0.43	0.13	0.00
Frozen fruit juices	2.17	2.61	1.70	0.70	1.83	2.99	0.00
Fresh fruit juice	8.08	8.42	9.40	4.97	7.33	5.56	0.00
Canned and bottled fruit juice	19.42	20.20	22.67	6.11	17.43	22.02	5.66
Canned fruits	5.16	5.45	8.11	2.86	3.24	5.81	1.64
Dried fruits	2.37	2.38	4.01	0.96	1.55	2.90	0.00
Processed vegetables	29.60	29.84	37.94	14.32	26.14	28.09	2.06
Frozen vegetables	9.42	10.28	10.76	3.73	7.95	8.69	1.38
Canned beans	4.22	3.92	5.55	3.46	4.03	4.55	0.00
Canned corn	2.54	2.42	3.19	1.97	2.37	3.34	0.00
Canned miscellaneous vegetables	6.38	6.60	9.75	1.66	4.64	5.30	0.67
Other processed vegetables	0.14	0.04	0.09	0.09	0.32	0.00	0.00
Other peas	0.07	0.07	0.03	0.00	0.11	0.00	0.00
Other beans	0.91	0.78	1.31	0.65	0.94	0.44	0.00
Other miscellaneous vegetables	2.78	2.47	3.39	1.51	3.14	1.48	0.00
Frozen vegetable juice	0.09	0.13	0.06	0.02	0.04	0.03	0.00
Fresh and canned vegetable juice	3.05	3.13	3.82	1.21	2.59	4.26	0.00

Continued --

Table 17--Housing tenure, 1998 (continued)

Item	Homeowners				Others		
	All	Mortgage status			Renter	Occupied without cash rent	College housing
		With	Without	Unknown			
Sugar and sweets	43.86	45.89	56.15	14.20	37.11	34.04	14.34
Candy and chewing gum	28.56	30.50	36.90	8.69	23.15	20.29	14.34
Sugar	5.98	5.53	7.12	1.99	6.42	6.15	0.00
Artificial sweeteners	1.31	1.25	2.08	0.58	1.02	1.56	0.00
Other sweets	8.01	8.62	10.06	2.94	6.53	6.04	0.00
Fats and oils	30.45	31.65	35.96	19.74	26.72	29.15	3.56
Margarine	4.37	4.35	6.55	1.75	3.41	4.50	1.02
Other fats, oils, and salad dressings	9.28	8.96	10.66	7.09	9.30	9.20	0.00
Salad dressings	9.30	10.11	10.37	5.98	7.84	8.68	1.63
Nondairy creamer	3.20	3.26	4.22	1.77	2.72	2.57	0.00
Peanut butter	4.29	4.97	4.17	3.14	3.46	4.20	0.92
Beverages	91.25	95.45	97.24	44.00	86.08	85.18	41.81
Cola drinks	34.00	34.71	33.14	17.09	35.17	30.60	15.09
Other carbonated drinks	16.14	16.94	18.36	13.20	14.17	12.65	9.86
Roasted coffee	10.19	11.24	13.26	2.23	7.35	13.00	6.62
Instant coffee	5.46	5.34	8.50	1.33	4.41	3.64	0.00
Noncarbonated fruit flavored drinks	6.97	7.58	6.24	2.72	6.82	7.64	0.00
Tea	5.38	5.66	6.46	1.29	4.73	5.16	0.00
Other noncarbonated beverages	12.94	13.83	10.88	6.14	13.33	12.49	10.24
Nonalcoholic beer	0.17	0.14	0.40	0.00	0.10	0.00	0.00
Miscellaneous prepared foods	155.24	168.99	166.07	51.25	138.66	138.34	34.38
Soups	12.45	12.97	16.28	3.61	10.32	12.92	0.00
Frozen meals	10.07	9.83	12.33	3.32	9.39	15.97	5.21
Other frozen prepared food	19.89	22.85	17.36	5.72	17.95	21.87	2.65
Potato chips and other snacks	27.84	32.60	27.77	7.87	22.68	21.75	14.10
Nuts	6.85	7.59	9.34	5.79	4.45	6.21	6.04
Salt, seasonings, and spices	7.97	8.55	8.49	3.27	7.38	5.89	0.00
Olives, pickles, and relishes	3.85	3.81	5.78	0.65	3.20	2.40	0.00
Sauces and gravies	13.98	15.86	12.78	6.96	12.62	11.71	0.94
Other condiments	6.40	7.37	6.62	2.11	5.12	7.39	2.38
Prepared salads	6.81	7.35	9.38	2.74	5.03	4.83	1.17
Prepared desserts	3.55	3.66	4.81	1.45	2.97	2.28	0.00
Baby food	10.23	9.76	8.16	0.61	13.31	5.03	0.00
Other miscellaneous prepared foods	25.25	26.78	26.87	7.16	24.01	20.10	1.88
Vitamin supplements	0.09	0.00	0.10	0.00	0.23	0.00	0.00
Food away from home	679.11	745.14	695.56	227.93	617.11	508.32	468.74
Lunch	222.05	244.67	216.81	75.41	208.31	137.42	120.52
Dinner	321.95	352.36	353.17	108.25	279.36	256.49	252.46
Snacks and nonalcoholic beverages	65.44	71.81	54.29	19.44	66.57	50.41	60.73
Breakfast and brunch	57.57	59.24	67.04	22.77	53.75	40.72	35.03
Board	7.35	9.00	3.95	0.00	7.83	0.46	0.00
Catered meals	4.75	8.06	0.30	2.07	1.30	22.81	0.00
Alcoholic beverages	113.83	116.26	116.43	33.78	117.75	70.82	107.56

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 18--Income quintile, 1998

Item	Income quintile						Incomplete reporting of income
	All	First (lowest)	Second	Third (middle)	Fourth	Fifth (highest)	
Household characteristics:							
Households (thousands)	91,133	12,541	12,757	12,912	13,558	13,933	25,432
Sample diaries (number)	10,119	1,334	1,421	1,417	1,492	1,648	2,807
Age of householder (years)	47.2	50.7	50.9	45.6	43.3	45.0	47.9
Income before taxes (dollars)	42,243	7,288	17,988	31,588	50,203	98,042	NA
Income after taxes (percent)	92	96	97	93	92	91	NA
Wage and salary income (percent)	78	37	53	73	84	84	NA
Amount spent on food (percent)	11	35	19	13	11	8	NA
Members per household (number)	2.52	1.79	2.27	2.42	2.89	3.08	2.53
Children under 18 years (number)	0.68	0.46	0.63	0.63	0.87	0.87	0.63
Adults over 64 years (number)	0.29	0.41	0.51	0.31	0.17	0.11	0.28
Vehicles per household (number)	1.6	0.9	1.2	1.6	2.0	2.3	1.5
Earners per household (number)	1.4	0.6	0.9	1.3	1.7	2.0	1.4
Homeownership (percent)	63	38	53	59	75	84	64
Average annual per person expenditure:		Dollars					
Food, total (excluding alcoholic beverages)	1,773.35	1,436.77	1,499.71	1,716.70	1,871.87	2,421.82	1,549.75
Food at home	1,094.24	974.02	1,002.90	1,068.79	1,125.80	1,357.93	994.90
Cereal and bakery products	170.61	149.59	160.95	162.43	173.10	214.27	155.70
Cereal and cereal products	58.91	55.26	56.60	55.34	61.22	70.72	53.69
Flour	2.64	2.65	3.24	2.43	2.21	2.36	2.93
Prepared flour mixes	5.10	4.24	4.12	5.01	4.81	6.62	5.06
Cereal	33.98	30.98	32.25	31.67	37.37	40.93	30.24
Rice	6.51	7.58	6.44	6.59	5.90	7.36	5.94
Pasta (dry) and cornmeal	10.67	9.81	10.55	9.65	10.92	13.44	9.52
Bakery products	111.70	94.33	104.35	107.09	111.88	143.55	102.00
White bread	14.09	15.56	14.53	14.46	14.05	14.18	13.17
Other bread	17.25	15.05	15.62	17.00	16.27	22.21	16.16
Fresh biscuits, rolls, and muffins	15.70	10.25	13.84	13.52	16.54	23.05	14.09
Cakes and cupcakes	13.63	13.02	12.43	14.40	11.46	18.55	12.05
Cookies	17.31	14.60	17.33	17.25	18.15	21.53	14.96
Crackers	8.99	7.48	7.54	8.55	9.70	11.60	8.22
Bread and cracker products	1.52	1.21	1.59	0.93	1.70	2.14	1.37
Doughnuts and sweetrolls	8.13	6.19	8.07	8.28	8.93	9.17	7.56
Frozen and refrigerated bakery products	10.28	7.05	8.59	8.53	10.01	14.91	10.10
Fresh pies, tarts, and turnovers	4.80	3.91	4.82	4.17	5.05	6.20	4.33
Meats, poultry, fish, and eggs	291.56	261.72	263.58	283.78	294.86	349.35	277.87
Meats	182.28	160.45	165.77	181.58	184.40	213.17	175.82
Beef	87.77	66.39	74.84	86.72	88.70	107.07	88.13
Ground beef (excluding canned)	31.00	26.67	28.54	33.74	35.40	31.12	29.54
Chuck roast	4.83	3.69	5.69	4.05	4.33	5.58	5.04
Round roast	4.32	2.35	4.28	3.90	3.87	5.36	4.81
Other roast	5.96	4.96	4.99	4.60	5.88	7.85	6.21
Round steak	6.29	5.35	5.31	7.14	6.04	6.13	6.89
Sirloin steak	10.27	6.75	7.88	11.46	8.81	14.16	10.28
Other steak	17.65	11.73	12.43	14.94	17.53	24.76	18.72
Other beef (excluding canned)	7.44	4.88	5.73	6.88	6.85	12.11	6.64
Pork	57.89	60.10	57.95	60.38	56.25	61.68	54.35
Bacon	8.53	8.30	7.62	9.29	8.99	8.63	8.29
Pork chops	13.26	16.05	12.40	14.68	11.26	13.25	13.21
Ham (excluding canned)	14.22	11.16	12.63	14.37	14.66	16.69	14.01
Other pork	12.70	12.25	16.52	11.43	12.84	14.65	10.37
Pork sausage	8.48	11.51	8.53	9.30	7.90	7.90	7.75
Canned ham	0.70	0.83	0.25	1.31	0.60	0.55	0.71

Continued --

Table 18--Income quintile, 1998 (continued)

Item	Income quintile						Incomplete reporting of income
	All	First (lowest)	Second	Third (middle)	Fourth	Fifth (highest)	
Other meats	36.63	33.97	32.98	34.48	39.46	44.42	33.34
Frankfurters	7.98	7.07	8.27	8.67	9.11	8.25	6.96
Bologna, liverwurst, and salami	8.92	9.50	9.58	8.84	9.72	9.17	7.80
Other lunch meats	14.79	12.31	12.22	13.94	16.18	18.39	13.98
Lamb and miscellaneous meats	4.94	5.09	2.90	3.03	4.44	8.60	4.60
Poultry	55.99	53.31	47.82	56.70	55.68	70.13	51.02
Fresh and frozen whole chicken	11.62	15.42	10.77	10.92	11.09	13.38	10.19
Fresh and frozen chicken parts	32.62	26.79	27.78	34.26	34.46	39.86	30.09
Other poultry	11.75	11.11	9.27	11.53	10.13	16.89	10.75
Fish and seafood	40.20	32.00	35.27	32.18	41.94	53.76	39.10
Canned fish and seafood	5.74	5.94	4.83	5.55	5.48	7.51	5.16
Fresh fish and shellfish	23.96	17.25	22.57	18.49	25.13	32.49	23.20
Frozen fish and shellfish	10.50	8.82	7.87	8.13	11.33	13.76	10.75
Eggs	13.09	15.95	14.72	13.31	12.84	12.30	11.93
Dairy	120.42	115.88	110.66	114.93	127.76	147.36	106.65
Fresh milk all types	43.27	47.70	41.82	41.74	45.92	47.18	38.88
Fresh cream	4.28	3.39	3.73	3.73	3.76	6.30	4.07
Butter	6.75	5.20	5.63	6.10	7.49	9.51	5.82
Cheese	34.43	30.59	31.29	34.36	37.11	43.87	29.30
Ice cream and related	21.25	20.18	20.32	19.02	21.63	25.94	19.78
Other including powdered milk and yogurt	10.44	8.81	7.86	9.97	11.85	14.56	8.81
Fruits and vegetables	190.86	168.19	180.09	190.26	183.35	243.10	173.71
Fresh fruits	61.46	53.78	59.77	61.57	58.49	77.88	55.73
Apples	11.63	10.70	11.31	11.11	10.87	14.47	10.91
Bananas	11.46	12.13	12.47	11.11	11.65	12.85	9.90
Oranges	7.49	6.53	7.55	8.00	7.37	9.76	6.12
Other fresh fruits	25.28	19.64	23.65	25.04	23.86	33.94	23.18
Other citrus fruits excluding oranges	5.61	4.78	4.79	6.31	4.74	6.87	5.62
Fresh vegetables	58.96	54.03	57.55	58.84	54.28	75.68	53.09
Potatoes	10.60	10.23	11.05	10.50	8.91	12.19	10.54
Lettuce	7.58	6.79	6.31	8.58	7.10	8.76	7.45
Tomatoes	10.32	9.84	11.30	11.58	8.55	12.16	9.30
Other fresh vegetables	30.46	27.17	28.90	28.19	29.73	42.58	25.79
Processed fruits	40.84	35.76	35.45	37.57	40.01	54.83	37.83
Frozen orange juice	2.95	2.98	2.95	2.03	2.86	4.19	2.62
Frozen fruits	0.69	0.48	0.82	0.65	0.46	1.18	0.53
Frozen fruit juices	2.17	1.37	1.49	1.55	2.29	3.74	1.93
Fresh fruit juice	8.08	7.17	7.31	8.58	6.67	10.93	7.48
Canned and bottled fruit juice	19.42	16.43	15.96	18.57	20.73	25.34	17.68
Canned fruits	5.16	4.90	4.80	4.37	4.83	5.90	5.52
Dried fruits	2.37	2.44	2.12	1.83	2.16	3.55	2.07
Processed vegetables	29.60	24.63	27.31	32.28	30.57	34.71	27.06
Frozen vegetables	9.42	6.88	7.46	9.08	9.93	12.30	9.15
Canned beans	4.22	4.14	3.25	4.24	4.53	4.47	4.33
Canned corn	2.54	2.77	2.46	2.58	2.92	2.53	2.24
Canned miscellaneous vegetables	6.38	4.96	6.91	6.66	6.44	7.97	5.41
Other processed vegetables	0.14	0.10	0.08	0.00	0.17	0.24	0.16
Other peas	0.07	0.03	0.08	0.14	0.00	0.05	0.10
Other beans	0.91	1.11	1.22	1.12	0.76	0.90	0.69
Other miscellaneous vegetables	2.78	2.06	2.51	4.64	2.96	2.71	2.20
Frozen vegetable juice	0.09	0.02	0.08	0.03	0.11	0.16	0.07
Fresh and canned vegetable juice	3.05	2.56	3.27	3.80	2.75	3.39	2.71
Sugar and sweets	43.86	39.15	41.13	41.95	48.37	53.80	38.30
Candy and chewing gum	28.56	22.28	24.99	26.73	32.11	37.84	24.92

Continued --

Table 18--Income quintile, 1998 (continued)

Item	Income quintile						Incomplete reporting of income
	All	First (lowest)	Second	Third (middle)	Fourth	Fifth (highest)	
Sugar	5.98	6.56	7.05	5.74	6.72	5.20	5.49
Artificial sweeteners	1.31	1.56	1.57	1.30	1.15	0.76	1.56
Other sweets	8.01	8.75	7.52	8.19	8.39	9.99	6.34
Fats and oils	30.45	26.81	28.28	29.88	32.72	33.87	29.30
Margarine	4.37	4.07	4.74	4.64	4.30	3.95	4.51
Other fats, oils, and salad dressings	9.28	9.91	9.18	8.27	10.30	8.64	9.42
Salad dressings	9.30	7.28	8.26	9.36	9.56	12.77	7.98
Nondairy creamer	3.20	2.36	2.32	3.11	3.56	4.09	3.12
Peanut butter	4.29	3.19	3.79	4.51	5.00	4.43	4.28
Beverages	91.25	84.37	85.51	89.61	95.32	112.96	80.09
Cola drinks	34.00	28.42	30.56	37.83	38.13	37.54	30.77
Other carbonated drinks	16.14	15.75	15.05	15.83	17.62	19.85	13.54
Roasted coffee	10.19	9.38	8.04	9.79	9.93	13.87	9.36
Instant coffee	5.46	5.60	6.12	4.50	5.73	6.36	4.80
Noncarbonated fruit flavored drinks	6.97	6.69	7.31	6.73	7.09	8.33	6.06
Tea	5.38	4.98	5.81	4.68	5.04	6.68	5.01
Other noncarbonated beverages	12.94	13.44	12.62	10.17	11.67	19.75	10.49
Nonalcoholic beer	0.17	0.11	0.00	0.08	0.11	0.57	0.07
Miscellaneous prepared foods	155.24	128.32	132.71	155.96	170.33	203.22	133.29
Soups	12.45	11.07	10.15	12.29	13.82	15.34	11.30
Frozen meals	10.07	10.56	10.30	9.75	10.37	11.79	8.63
Other frozen prepared food	19.89	16.14	13.97	19.25	22.87	27.62	17.21
Potato chips and other snacks	27.84	21.72	21.65	27.13	33.10	38.19	23.02
Nuts	6.85	5.43	5.39	7.34	7.28	9.66	5.64
Salt, seasonings, and spices	7.97	6.66	6.41	8.69	6.69	11.61	7.14
Olives, pickles, and relishes	3.85	3.51	3.95	4.06	3.92	4.62	3.26
Sauces and gravies	13.98	10.46	11.48	13.40	16.06	19.07	11.96
Other condiments	6.40	5.13	6.09	6.88	6.66	8.33	5.31
Prepared salads	6.81	5.06	4.79	5.88	7.05	10.42	6.22
Prepared desserts	3.55	3.41	2.94	3.72	3.38	4.55	3.24
Baby food	10.23	4.31	8.89	11.18	11.64	12.91	9.78
Other miscellaneous prepared foods	25.25	24.86	26.65	25.94	27.37	29.11	20.57
Vitamin supplements	0.09	0.00	0.05	0.45	0.11	0.00	0.01
Food away from home	679.11	462.75	496.81	647.91	746.07	1,063.89	554.85
Lunch	222.05	144.59	163.84	216.71	246.43	346.66	180.05
Dinner	321.95	223.06	230.54	307.52	345.76	511.85	263.66
Snacks and nonalcoholic beverages	65.44	45.37	49.77	64.37	79.63	101.19	47.56
Breakfast and brunch	57.57	37.55	49.85	54.67	71.68	79.96	45.96
Board	7.35	12.16	0.71	0.40	0.44	21.88	6.57
Catered meals	4.75	0.02	2.10	4.23	2.13	2.36	11.05
Alcoholic beverages	113.83	91.16	93.45	101.18	126.93	178.49	86.04

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 19--Income class, 1998

Item	Income class ¹									
	All	Under \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$69,999	\$70,000 and over
Household characteristics:										
Households (thousands)	91,133	2,923	5,983	6,394	5,813	9,370	7,429	6,949	9,823	11,019
Sample diaries (number)	10,119	309	629	711	640	1,038	819	754	1,104	1,308
Age of householder (years)	47.2	42.5	53.8	54.2	50.4	47.5	44.8	43.0	43.1	45.5
Income before taxes (dollars)	42,243	1,455	7,715	12,274	17,174	24,688	34,534	44,403	58,575	106,629
Income after taxes (percent)	92	56	98	98	98	95	92	92	92	90
Wage and salary income (percent)	78	105	26	38	52	64	76	83	87	83
Amount spent on food (percent)	11	175	33	23	19	15	13	12	10	7
Members per household (number)	2.52	1.94	1.66	1.94	2.29	2.40	2.47	2.88	2.90	3.10
Children under 18 years (number)	0.68	0.48	0.40	0.51	0.63	0.67	0.63	0.90	0.82	0.88
Adults over 64 years (number)	0.29	0.25	0.46	0.52	0.51	0.41	0.27	0.20	0.10	0.13
Vehicles per household (number)	1.6	0.9	0.8	1.1	1.2	1.4	1.6	2.0	2.1	2.3
Earners per household (number)	1.4	0.8	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.0
Homeownership (percent)	63	29	37	49	53	54	62	70	78	86
Average annual per person expenditure:										
		<i>Dollars</i>								
Food, total (excluding alcoholic beverages)	1,773.35	1,311.31	1,526.28	1,449.30	1,432.10	1,576.79	1,814.73	1,801.44	2,053.20	2,452.04
Food at home	1,094.24	824.92	1,066.28	1,008.51	941.33	1,012.97	1,136.79	1,101.87	1,218.08	1,348.22
Cereal and bakery products	170.61	116.96	167.28	160.70	142.52	164.59	171.73	171.26	181.54	217.06
Cereal and cereal products	58.91	49.51	61.08	55.11	53.13	54.88	58.96	58.11	63.36	72.70
Flour	2.64	1.65	3.48	2.83	3.08	3.08	2.21	2.90	1.86	2.24
Prepared flour mixes	5.10	2.37	5.51	4.47	3.75	4.00	5.51	5.11	4.79	7.03
Cereal	33.98	27.84	34.90	32.03	29.23	31.17	33.69	32.38	40.37	41.97
Rice	6.51	10.06	5.98	6.41	6.86	6.50	7.16	6.91	5.65	7.20
Pasta (dry) and cornmeal	10.67	7.60	11.21	9.37	10.22	10.12	10.39	10.81	10.69	14.26
Bakery products	111.70	67.45	106.21	105.59	89.38	109.71	112.77	113.15	118.18	144.36
White bread	14.09	13.56	16.98	14.88	14.55	14.99	14.06	13.94	14.41	13.87
Other bread	17.25	11.46	16.81	16.55	14.83	14.88	19.66	15.18	17.30	23.02
Fresh biscuits, rolls, and muffins	15.70	9.65	10.88	11.68	12.03	14.05	14.56	16.43	18.53	22.94
Cakes and cupcakes	13.63	7.70	16.34	11.45	11.07	13.97	16.27	12.52	11.71	19.20
Cookies	17.31	10.01	16.20	19.29	12.29	19.72	16.28	17.58	19.86	21.21
Crackers	8.99	5.75	7.93	7.83	6.60	9.07	7.80	10.27	9.62	11.97
Bread and cracker products	1.52	0.56	1.70	1.57	1.41	1.19	1.01	1.83	1.65	2.15
Doughnuts and sweetrolls	8.13	3.34	6.92	8.26	4.55	9.56	9.18	8.97	8.48	9.38
Frozen and refrigerated bakery products	10.28	3.68	7.91	9.53	6.77	7.73	10.12	10.11	12.29	14.24
Fresh pies, tarts, and turnovers	4.80	1.73	4.53	4.55	5.29	4.54	3.83	6.32	4.34	6.37
Meats, poultry, fish, and eggs	291.56	215.63	288.20	261.05	273.69	253.36	304.19	293.71	329.81	334.25
Meats	182.28	131.73	182.06	160.70	169.50	159.83	193.42	184.09	211.57	199.07
Beef	87.77	54.54	70.11	72.30	77.23	75.84	89.42	86.48	112.19	94.80
Ground beef (excluding canned)	31.00	18.71	30.62	27.11	28.46	29.55	35.72	33.52	40.12	27.66
Chuck roast	4.83	3.47	4.26	4.34	5.91	4.30	4.47	3.89	7.31	3.63
Round roast	4.32	2.07	3.33	2.15	4.23	4.84	3.04	4.35	4.63	4.95
Other roast	5.96	5.11	4.44	4.63	5.27	4.66	5.01	6.18	9.48	5.15
Round steak	6.29	4.81	5.26	5.95	4.09	6.18	7.55	6.87	5.65	6.24
Sirloin steak	10.27	7.03	7.14	7.66	8.53	8.30	12.34	8.17	12.12	13.17
Other steak	17.65	10.12	11.18	14.56	14.38	11.24	14.76	17.37	22.06	23.42
Other beef (excluding canned)	7.44	3.23	3.88	5.90	6.37	6.78	6.54	6.13	10.82	10.57
Pork	57.89	52.21	71.19	55.53	59.85	52.95	65.84	57.83	59.11	59.70
Bacon	8.53	6.53	9.86	6.63	9.34	8.05	9.19	9.38	9.63	7.83
Pork chops	13.26	13.46	21.17	12.15	11.51	11.27	17.43	11.01	12.77	12.91
Ham (excluding canned)	14.22	8.82	13.90	11.42	11.22	14.07	14.80	14.16	14.82	17.12
Other pork	12.70	12.27	13.20	13.54	18.59	10.71	13.55	14.11	14.24	13.14
Pork sausage	8.48	10.93	11.82	11.36	8.82	8.02	9.58	8.01	7.49	8.13
Canned ham	0.70	0.20	1.26	0.43	0.39	0.85	1.30	1.14	0.16	0.58

Continued --

Table 19--Income class, 1998 (continued)

Item	Income class ¹									
	All	Under \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$69,999	\$70,000 and over
Other meats	36.63	24.98	40.76	32.86	32.42	31.03	38.16	39.77	40.26	44.57
Frankfurters	7.98	3.10	8.27	8.80	7.81	8.29	8.95	9.13	8.85	8.28
Bologna, liverwurst, and salami	8.92	7.03	11.52	8.39	10.17	8.64	9.81	8.94	9.84	9.21
Other lunch meats	14.79	11.35	13.94	11.87	12.45	11.55	15.68	15.99	18.27	17.17
Lamb and miscellaneous meats	4.94	3.50	7.03	3.80	1.99	2.55	3.73	5.72	3.30	9.91
Poultry	55.99	41.08	56.10	51.12	50.46	50.16	61.84	52.19	62.15	69.50
Fresh and frozen whole chicken	11.62	7.13	15.06	16.70	11.48	9.61	12.58	11.46	11.12	13.62
Fresh and frozen chicken parts	32.62	18.07	30.84	26.70	30.43	27.79	39.02	30.70	38.87	38.97
Other poultry	11.75	15.87	10.21	7.73	8.55	12.76	10.23	10.02	12.16	16.90
Fish and seafood	40.20	29.37	32.18	33.64	39.66	29.42	35.02	43.49	44.19	53.64
Canned fish and seafood	5.74	6.09	5.84	5.89	4.31	5.49	5.51	6.05	5.41	7.65
Fresh fish and shellfish	23.96	15.61	17.11	20.24	26.33	17.66	19.61	28.73	23.30	33.46
Frozen fish and shellfish	10.50	7.67	9.23	7.51	9.02	6.28	9.91	8.71	15.47	12.54
Eggs	13.09	13.46	17.86	15.59	14.06	13.95	13.91	13.94	11.91	12.04
Dairy	120.42	101.67	121.97	118.87	105.95	110.58	120.06	120.27	137.11	148.09
Fresh milk all types	43.27	45.34	46.73	49.12	39.75	39.99	43.98	44.70	46.96	47.27
Fresh cream	4.28	2.46	4.01	4.16	3.26	3.61	3.63	3.66	4.30	6.61
Butter	6.75	3.87	4.84	6.75	6.15	5.38	6.62	6.84	8.00	9.66
Cheese	34.43	29.93	32.54	30.00	32.10	31.77	35.73	35.07	41.43	42.76
Ice cream and related	21.25	12.10	23.49	21.77	16.99	20.57	20.06	19.13	23.52	26.81
Other including powdered milk and yogurt	10.44	7.96	10.37	7.07	7.71	9.26	10.04	10.86	12.90	14.96
Fruits and vegetables	190.86	150.48	178.98	176.59	164.20	184.12	204.70	175.03	200.66	247.08
Fresh fruits	61.46	53.15	53.89	58.78	52.05	61.93	65.65	54.62	64.39	79.50
Apples	11.63	10.88	11.04	9.95	10.25	12.66	10.72	9.15	12.53	14.92
Bananas	11.46	10.73	12.89	12.84	11.77	11.26	11.90	11.70	11.41	13.28
Oranges	7.49	7.19	5.87	6.51	6.92	8.92	7.25	6.93	7.90	10.35
Other fresh fruits	25.28	19.43	19.24	23.82	19.20	23.67	28.98	22.34	27.57	33.72
Other citrus fruits excluding oranges	5.61	4.93	4.86	5.66	3.92	5.42	6.80	4.49	4.98	7.22
Fresh vegetables	58.96	49.72	56.69	53.70	54.56	54.71	67.68	50.64	60.89	77.23
Potatoes	10.60	8.40	10.06	11.83	9.30	10.17	12.26	8.93	9.93	12.19
Lettuce	7.58	6.89	7.36	6.50	5.45	7.20	9.01	6.82	7.69	9.05
Tomatoes	10.32	11.17	9.84	8.96	12.22	10.99	12.55	7.68	9.96	12.22
Other fresh vegetables	30.46	23.26	29.43	26.41	27.59	26.35	33.86	27.21	33.31	43.76
Processed fruits	40.84	30.54	38.24	36.96	31.87	36.80	39.47	42.53	41.81	55.51
Frozen orange juice	2.95	1.64	3.40	3.33	2.40	2.58	2.36	2.70	2.65	4.69
Frozen fruits	0.69	0.34	0.89	0.29	1.12	0.42	0.88	0.36	0.77	1.16
Frozen fruit juices	2.17	0.55	2.02	1.16	1.26	1.47	1.86	2.52	2.22	4.02
Fresh fruit juice	8.08	8.48	7.46	7.52	4.98	8.36	8.82	8.22	6.20	11.67
Canned and bottled fruit juice	19.42	14.62	17.17	15.47	15.53	17.64	19.42	21.07	23.10	24.23
Canned fruits	5.16	3.23	5.06	6.33	4.44	4.40	4.34	5.27	4.65	6.02
Dried fruits	2.37	1.68	2.25	2.86	2.14	1.93	1.80	2.39	2.23	3.72
Processed vegetables	29.60	17.06	30.16	27.14	25.71	30.68	31.91	27.24	33.56	34.83
Frozen vegetables	9.42	4.15	7.93	8.01	6.18	8.72	9.30	9.02	11.24	12.30
Canned beans	4.22	3.07	4.96	3.85	3.14	3.41	4.68	3.92	5.22	4.19
Canned corn	2.54	2.14	3.26	2.56	2.95	2.47	2.32	2.94	2.90	2.40
Canned miscellaneous vegetables	6.38	4.29	5.20	7.19	6.73	6.78	6.18	5.50	7.19	8.16
Other processed vegetables	0.14	0.00	0.22	0.19	0.00	0.00	0.01	0.02	0.21	0.30
Other peas	0.07	0.00	0.07	0.09	0.00	0.11	0.17	0.00	0.02	0.04
Other beans	0.91	0.93	1.48	0.82	1.46	1.03	1.41	0.70	0.52	1.06
Other miscellaneous vegetables	2.78	1.57	2.58	2.27	2.22	4.30	4.03	2.59	3.04	2.78
Frozen vegetable juice	0.09	0.00	0.00	0.12	0.09	0.02	0.02	0.14	0.06	0.20
Fresh and canned vegetable juice	3.05	0.92	4.47	2.05	2.93	3.84	3.79	2.41	3.14	3.41

Continued --

Table 19--Income class, 1998 (continued)

Item	All	Income class ¹								
		Under \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$69,999	\$70,000 and over
Sugar and sweets	43.86	28.66	43.66	40.84	36.59	43.68	43.59	45.56	52.63	52.82
Candy and chewing gum	28.56	14.69	23.51	24.41	21.91	28.25	27.51	29.93	36.39	36.75
Sugar	5.98	5.09	7.13	7.05	6.64	6.20	6.25	7.13	6.12	5.01
Artificial sweeteners	1.31	3.45	1.24	1.34	1.62	1.25	1.57	0.64	1.04	0.87
Other sweets	8.01	5.43	11.79	8.04	6.42	7.97	8.25	7.87	9.07	10.19
Fats and oils	30.45	23.56	29.76	27.47	28.10	28.35	31.53	31.09	32.47	34.68
Margarine	4.37	3.15	5.14	4.30	4.17	4.54	5.09	4.30	3.94	4.10
Other fats, oils, and salad dressings	9.28	9.70	10.26	10.23	8.99	9.25	7.53	9.74	9.61	8.87
Salad dressings	9.30	7.43	8.02	6.95	8.71	7.92	10.66	8.91	10.03	13.37
Nondairy creamer	3.20	1.19	2.27	2.72	2.60	2.50	3.23	3.46	3.98	4.00
Peanut butter	4.29	2.10	4.08	3.26	3.63	4.14	5.02	4.69	4.91	4.34
Beverages	91.25	74.80	95.50	87.87	78.84	83.79	94.11	95.57	102.62	111.21
Cola drinks	34.00	24.54	30.29	31.56	29.08	31.92	39.83	38.54	37.82	37.94
Other carbonated drinks	16.14	15.22	19.03	15.75	11.57	16.99	14.73	16.74	19.80	19.08
Roasted coffee	10.19	7.15	10.58	10.18	6.74	7.74	11.59	9.61	11.76	13.42
Instant coffee	5.46	2.75	6.39	7.09	6.35	4.46	4.99	6.44	5.29	6.39
Noncarbonated fruit flavored drinks	6.97	7.34	7.72	4.67	9.02	6.66	6.82	6.95	7.96	7.92
Tea	5.38	3.97	5.80	5.64	5.13	5.27	5.30	4.59	5.50	6.66
Other noncarbonated beverages	12.94	13.39	15.69	12.98	10.94	10.68	10.81	12.55	14.21	19.26
Nonalcoholic beer	0.17	0.45	0.00	0.00	0.00	0.07	0.05	0.14	0.27	0.53
Miscellaneous prepared foods	155.24	113.16	140.92	135.12	111.44	144.50	166.88	169.39	181.24	203.04
Soups	12.45	10.89	11.73	10.48	9.10	11.24	13.16	14.09	13.20	15.97
Frozen meals	10.07	12.51	11.80	12.20	9.09	8.08	10.09	8.46	12.67	11.57
Other frozen prepared food	19.89	11.80	16.95	17.00	10.85	16.83	21.69	21.07	25.99	26.98
Potato chips and other snacks	27.84	16.37	24.04	23.73	18.61	24.41	28.12	34.60	34.16	37.91
Nuts	6.85	4.64	5.75	7.10	4.03	6.90	6.72	7.72	7.20	10.08
Salt, seasonings, and spices	7.97	5.35	6.94	6.69	6.52	7.99	8.57	5.95	8.73	11.52
Olives, pickles, and relishes	3.85	2.27	4.52	2.98	3.77	4.03	4.42	4.22	3.74	4.81
Sauces and gravies	13.98	9.09	11.94	10.73	10.12	11.83	14.96	15.92	17.80	18.46
Other condiments	6.40	5.31	4.60	6.07	6.65	6.17	7.00	6.92	7.04	8.18
Prepared salads	6.81	4.79	5.71	4.98	3.02	6.20	6.14	6.60	7.89	10.69
Prepared desserts	3.55	2.03	3.54	3.76	2.04	3.82	3.91	3.21	3.82	4.54
Baby food	10.23	7.40	3.69	6.73	4.26	9.43	13.90	14.05	11.47	12.32
Other miscellaneous prepared foods	25.25	20.71	29.71	22.66	23.38	27.48	27.45	26.37	27.53	30.01
Vitamin supplements	0.09	0.00	0.00	0.00	0.00	0.08	0.75	0.21	0.00	0.00
Food away from home	679.11	486.40	460.00	440.79	490.77	563.82	677.95	699.57	835.11	1,103.81
Lunch	222.05	152.79	134.17	145.42	157.98	198.13	221.84	229.00	266.72	365.71
Dinner	321.95	225.60	228.62	207.42	235.92	252.38	328.49	326.55	377.31	543.68
Snacks and nonalcoholic beverages	65.44	41.70	47.99	41.71	49.69	57.91	63.89	75.86	91.27	101.07
Breakfast and brunch	57.57	39.03	37.20	44.98	43.90	50.37	58.70	66.09	74.34	83.57
Board	7.35	27.20	12.02	0.16	1.39	0.47	0.11	0.74	24.82	6.83
Catered meals	4.75	0.08	0.00	1.10	1.88	4.56	4.91	1.32	0.66	2.96
Alcoholic beverages	113.83	136.33	69.31	82.75	87.45	93.79	112.81	122.81	134.89	187.98

Notes: Numbers may not add due to rounding.

Expenditures less than 0.005 are denoted as 0.00.

¹Households with incomplete income data are not included but are reported in table 18.

Table 20--Race, 1998

Item	Race			
	All	White	Black	Other
Household characteristics:				
Households (thousands)	91,133	75,642	11,661	3,830
Sample diaries (number)	10,119	8,455	1,132	532
Age of householder (years)	47.2	47.9	44.4	42.2
Income before taxes (dollars)	42,243	43,848	29,432	47,628
Income after taxes (percent)	92	92	93	91
Wage and salary income (percent)	78	78	83	84
Amount spent on food (percent)	11	10	12	10
Members per household (number)	2.52	2.46	2.77	2.81
Children under 18 years (number)	0.68	0.63	0.96	0.80
Adults over 64 years (number)	0.29	0.31	0.20	0.22
Vehicles per household (number)	1.6	1.6	1.2	1.5
Earners per household (number)	1.4	1.4	1.3	1.5
Homeownership (percent)	63	66	45	46
Average annual per person expenditure:	<i>Dollars</i>			
Food, total (excluding alcoholic beverages)	1,773.35	1,855.34	1,307.71	1,753.90
Food at home	1,094.24	1,135.21	866.45	1,069.78
Cereal and bakery products	170.61	178.80	124.43	167.62
Cereal and cereal products	58.91	60.06	48.99	68.90
Flour	2.64	2.61	2.70	3.04
Prepared flour mixes	5.10	5.35	4.03	4.01
Cereal	33.98	35.88	26.54	23.52
Rice	6.51	5.11	8.16	25.90
Pasta (dry) and cornmeal	10.67	11.11	7.57	12.42
Bakery products	111.70	118.75	75.43	98.72
White bread	14.09	14.52	11.82	13.47
Other bread	17.25	18.52	11.04	13.92
Fresh biscuits, rolls, and muffins	15.70	17.30	7.70	11.98
Cakes and cupcakes	13.63	13.65	12.52	16.55
Cookies	17.31	18.53	11.38	13.94
Crackers	8.99	9.86	4.73	6.74
Bread and cracker products	1.52	1.70	0.74	0.78
Doughnuts and sweetrolls	8.13	8.81	4.90	5.92
Frozen and refrigerated bakery products	10.28	10.79	7.17	10.75
Fresh pies, tarts, and turnovers	4.80	5.05	3.43	4.68
Meats, poultry, fish, and eggs	291.56	290.37	293.83	305.38
Meats	182.28	186.33	168.06	154.99
Beef	87.77	92.12	69.84	66.19
Ground beef (excluding canned)	31.00	31.99	28.49	21.48
Chuck roast	4.83	5.06	4.18	2.85
Round roast	4.32	4.53	3.16	4.14
Other roast	5.96	6.07	5.77	4.76
Round steak	6.29	6.59	4.82	5.47
Sirloin steak	10.27	11.17	5.64	8.48
Other steak	17.65	19.10	11.03	12.36
Other beef (excluding canned)	7.44	7.61	6.75	6.65
Pork	57.89	55.97	67.90	61.03
Bacon	8.53	8.48	9.62	6.00
Pork chops	13.26	12.56	18.05	10.97
Ham (excluding canned)	14.22	14.57	12.60	13.01
Other pork	12.70	11.24	17.33	24.00
Pork sausage	8.48	8.29	10.27	6.40
Canned ham	0.70	0.82	0.03	0.66

Continued --

Table 20--Race, 1998 (continued)

Item	All	Race		
		White	Black	Other
Other meats	36.63	38.24	30.32	27.77
Frankfurters	7.98	8.00	8.72	5.35
Bologna, liverwurst, and salami	8.92	9.24	8.39	5.02
Other lunch meats	14.79	15.85	9.65	11.89
Lamb and miscellaneous meats	4.94	5.15	3.56	5.52
Poultry	55.99	54.36	65.32	56.05
Fresh and frozen whole chicken	11.62	10.45	16.10	18.56
Fresh and frozen chicken parts	32.62	32.31	36.00	27.79
Other poultry	11.75	11.61	13.22	9.70
Fish and seafood	40.20	36.60	47.58	80.39
Canned fish and seafood	5.74	6.00	4.12	6.08
Fresh fish and shellfish	23.96	21.21	32.85	44.86
Frozen fish and shellfish	10.50	9.39	10.61	29.45
Eggs	13.09	13.08	12.86	13.95
Dairy	120.42	130.16	74.74	89.16
Fresh milk all types	43.27	46.08	28.52	38.84
Fresh cream	4.28	4.79	1.87	2.59
Butter	6.75	7.20	5.09	3.91
Cheese	34.43	38.45	16.51	18.67
Ice cream and related	21.25	22.25	16.97	16.88
Other including powdered milk and yogurt	10.44	11.38	5.79	8.26
Fruits and vegetables	190.86	195.96	150.07	225.16
Fresh fruits	61.46	63.63	44.10	76.11
Apples	11.63	12.01	9.21	12.25
Bananas	11.46	11.89	8.73	12.10
Oranges	7.49	7.43	6.27	12.28
Other fresh fruits	25.28	26.42	16.75	31.06
Other citrus fruits excluding oranges	5.61	5.87	3.15	8.42
Fresh vegetables	58.96	60.18	43.20	85.15
Potatoes	10.60	11.04	8.28	9.92
Lettuce	7.58	7.97	5.01	8.60
Tomatoes	10.32	10.80	7.58	10.36
Other fresh vegetables	30.46	30.38	22.33	56.27
Processed fruits	40.84	41.61	37.38	38.00
Frozen orange juice	2.95	3.16	1.72	3.02
Frozen fruits	0.69	0.77	0.29	0.43
Frozen fruit juices	2.17	2.38	1.05	1.86
Fresh fruit juice	8.08	7.93	8.26	10.23
Canned and bottled fruit juice	19.42	19.35	20.94	16.09
Canned fruits	5.16	5.45	3.73	4.47
Dried fruits	2.37	2.57	1.40	1.90
Processed vegetables	29.60	30.54	25.38	25.90
Frozen vegetables	9.42	9.88	8.06	5.63
Canned beans	4.22	4.39	3.64	3.07
Canned corn	2.54	2.54	2.73	1.91
Canned miscellaneous vegetables	6.38	6.82	4.36	4.76
Other processed vegetables	0.14	0.08	0.10	1.22
Other peas	0.07	0.06	0.11	0.03
Other beans	0.91	0.93	0.88	0.64
Other miscellaneous vegetables	2.78	2.68	2.25	6.11
Frozen vegetable juice	0.09	0.08	0.10	0.17
Fresh and canned vegetable juice	3.05	3.07	3.15	2.33
Sugar and sweets	43.86	46.80	29.10	37.36
Candy and chewing gum	28.56	31.06	15.43	24.89
Sugar	5.98	5.73	7.31	6.31

Continued --

Table 20--Race, 1998 (continued)

Item	Race			
	All	White	Black	Other
Artificial sweeteners	1.31	1.32	1.46	0.68
Other sweets	8.01	8.69	4.91	5.49
Fats and oils	30.45	31.63	25.00	26.31
Margarine	4.37	4.64	3.27	3.02
Other fats, oils, and salad dressings	9.28	9.22	8.63	12.40
Salad dressings	9.30	9.80	7.33	6.50
Nondairy creamer	3.20	3.46	2.00	2.34
Peanut butter	4.29	4.51	3.77	2.05
Beverages	91.25	96.53	67.42	71.39
Cola drinks	34.00	36.03	24.59	27.14
Other carbonated drinks	16.14	17.26	11.71	10.03
Roasted coffee	10.19	11.42	4.76	5.35
Instant coffee	5.46	5.92	3.03	4.77
Noncarbonated fruit flavored drinks	6.97	6.76	8.88	4.91
Tea	5.38	5.58	4.21	5.31
Other noncarbonated beverages	12.94	13.37	10.16	13.85
Nonalcoholic beer	0.17	0.19	0.08	0.03
Miscellaneous prepared foods	155.24	164.96	101.87	147.40
Soups	12.45	13.44	7.33	10.88
Frozen meals	10.07	10.77	6.08	10.06
Other frozen prepared food	19.89	21.60	10.20	19.45
Potato chips and other snacks	27.84	30.10	17.49	19.84
Nuts	6.85	7.29	4.77	5.53
Salt, seasonings, and spices	7.97	7.74	8.01	11.87
Olives, pickles, and relishes	3.85	4.15	2.56	2.54
Sauces and gravies	13.98	14.61	9.89	15.39
Other condiments	6.40	6.87	3.22	7.86
Prepared salads	6.81	7.21	5.19	4.64
Prepared desserts	3.55	3.93	1.61	2.89
Baby food	10.23	10.40	8.78	11.63
Other miscellaneous prepared foods	25.25	26.75	16.74	24.83
Vitamin supplements	0.09	0.11	0.00	0.00
Food away from home	679.11	720.13	441.26	684.12
Lunch	222.05	233.11	152.75	238.91
Dinner	321.95	343.53	197.22	323.24
Snacks and nonalcoholic beverages	65.44	69.43	46.37	53.69
Breakfast and brunch	57.57	61.43	37.29	51.91
Board	7.35	8.11	0.56	14.53
Catered meals	4.75	4.52	7.07	1.85
Alcoholic beverages	113.83	126.88	50.86	77.27

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 21-Householder's age, 1998

Item	Age of householder							
	Under 25			25-34	35-44	45-54	55-64	Over 64
	All	Other	Student					
Household characteristics:								
Households (thousands)	91,133	6,684	535	16,965	21,320	16,565	11,001	18,062
Sample diaries (number)	10,119	693	49	1,763	2,313	1,930	1,305	2,066
Age of householder (years)	47.2	21.6	19.3	29.7	39.4	49.1	58.9	74.5
Income before taxes (dollars)	42,243	21,571	7,300	42,246	50,477	58,254	48,236	24,507
Income after taxes (percent)	92	94	100	91	92	91	92	94
Wage and salary income (percent)	78	89	42	92	89	87	71	18
Amount spent on food (percent)	11	14	13	10	11	9	10	13
Members per household (number)	2.52	1.95	1.20	2.80	3.14	2.74	2.22	1.73
Children under 18 years (number)	0.68	0.40	0.13	1.08	1.29	0.59	0.19	0.08
Adults over 64 years (number)	0.29	0.01	0.00	0.01	0.02	0.03	0.10	1.35
Vehicles per household (number)	1.6	1.0	0.2	1.6	1.7	2.0	1.7	1.2
Earners per household (number)	1.4	1.4	0.9	1.5	1.6	1.9	1.3	0.4
Homeownership (percent)	63	10	0	45	65	73	81	77
Average annual per person expenditure:		Dollars						
Food, total (excluding alcoholic beverages)	1,773.35	1,505.98	769.58	1,534.12	1,693.80	1,991.26	2,085.50	1,878.87
Food at home	1,094.24	816.19	180.89	895.51	1,038.31	1,243.97	1,288.49	1,281.53
Cereal and bakery products	170.61	125.06	22.29	138.24	166.41	188.66	193.14	207.06
Cereal and cereal products	58.91	46.74	7.77	54.09	59.88	64.21	56.17	64.73
Flour	2.64	1.74	0.00	1.81	2.39	3.71	2.14	3.73
Prepared flour mixes	5.10	4.35	1.50	3.80	4.46	6.71	5.84	5.93
Cereal	33.98	26.46	2.10	31.70	36.88	33.12	32.27	37.63
Rice	6.51	5.15	0.00	6.08	6.51	8.19	5.61	6.15
Pasta (dry) and cornmeal	10.67	9.05	4.17	10.70	9.64	12.49	10.31	11.29
Bakery products	111.70	78.32	14.52	84.14	106.53	124.45	136.97	142.32
White bread	14.09	11.52	0.00	11.65	12.88	15.89	15.38	18.14
Other bread	17.25	11.01	0.91	12.84	15.02	19.20	22.07	25.06
Fresh biscuits, rolls, and muffins	15.70	10.43	1.15	11.07	14.65	18.84	22.38	17.68
Cakes and cupcakes	13.63	11.52	4.81	10.62	14.24	12.83	17.85	15.81
Cookies	17.31	10.61	0.92	13.29	17.82	18.17	19.17	22.77
Crackers	8.99	6.71	2.02	6.42	8.30	10.09	11.19	12.18
Bread and cracker products	1.52	1.09	2.83	1.37	1.05	1.89	2.26	1.82
Doughnuts and sweetrolls	8.13	4.26	0.00	5.40	7.94	9.20	9.77	11.58
Frozen and refrigerated bakery products	10.28	6.96	0.00	7.61	10.17	13.21	11.28	11.13
Fresh pies, tarts, and turnovers	4.80	4.21	1.88	3.88	4.45	5.13	5.62	6.13
Meats, poultry, fish, and eggs	291.56	200.37	11.67	230.52	276.44	337.56	359.53	340.56
Meats	182.28	129.25	6.23	141.01	172.08	210.55	227.74	215.99
Beef	87.77	66.49	0.00	70.26	84.47	101.99	107.95	95.65
Ground beef (excluding canned)	31.00	29.43	0.00	29.70	30.00	32.78	34.74	30.91
Chuck roast	4.83	3.31	0.00	2.70	3.98	7.03	6.36	6.25
Round roast	4.32	2.35	0.00	3.02	3.85	4.54	5.81	6.73
Other roast	5.96	3.72	0.00	4.53	5.37	7.63	6.53	7.61
Round steak	6.29	4.96	0.00	5.83	6.58	6.15	8.54	5.46
Sirloin steak	10.27	8.22	0.00	7.69	8.36	12.74	13.30	13.36
Other steak	17.65	10.10	0.00	12.79	19.19	21.35	22.39	16.17
Other beef (excluding canned)	7.44	4.39	0.00	4.00	7.14	9.76	10.27	9.17
Pork	57.89	37.25	0.00	41.15	52.91	65.92	79.49	75.23
Bacon	8.53	4.74	0.00	6.34	7.72	9.80	10.41	11.99
Pork chops	13.26	10.61	0.00	10.93	12.20	15.14	14.60	16.69
Ham (excluding canned)	14.22	6.92	0.00	9.44	11.57	17.49	24.67	17.56
Other pork	12.70	7.63	0.00	8.63	12.96	13.33	15.97	17.21
Pork sausage	8.48	6.39	0.00	5.57	7.96	9.29	12.09	11.10
Canned ham	0.70	0.96	0.00	0.24	0.49	0.86	1.75	0.66

Continued --

Table 21--Householder's age, 1998 (continued)

Item	All	Age of householder						
		Under 25		25-34	35-44	45-54	55-64	Over 64
		Other	Student					
Other meats	36.63	25.51	6.23	29.60	34.70	42.64	40.30	45.11
Frankfurters	7.98	6.38	0.00	6.73	8.77	7.77	8.13	9.19
Bologna, liverwurst, and salami	8.92	7.16	0.00	7.13	8.57	9.23	9.92	12.08
Other lunch meats	14.79	10.16	6.23	11.32	14.84	17.33	16.10	17.36
Lamb and miscellaneous meats	4.94	1.81	0.00	4.42	2.52	8.31	6.16	6.48
Poultry	55.99	36.37	0.00	48.58	55.90	65.35	64.55	56.46
Fresh and frozen whole chicken	11.62	4.69	0.00	9.36	13.70	13.62	11.20	11.19
Fresh and frozen chicken parts	32.62	25.73	0.00	31.00	30.58	38.32	35.15	32.71
Other poultry	11.75	5.95	0.00	8.22	11.62	13.42	18.20	12.56
Fish and seafood	40.20	22.50	3.33	30.47	37.30	47.98	49.98	50.41
Canned fish and seafood	5.74	3.20	3.33	4.26	5.50	5.92	6.87	8.47
Fresh fish and shellfish	23.96	11.72	0.00	18.22	22.10	28.08	29.68	31.82
Frozen fish and shellfish	10.50	7.58	0.00	7.98	9.71	13.98	13.43	10.12
Eggs	13.09	12.25	2.11	10.46	11.16	13.67	17.25	17.71
Dairy	120.42	93.55	15.20	101.41	118.04	128.46	136.94	143.20
Fresh milk all types	43.27	35.20	7.79	39.34	43.76	41.53	46.71	52.09
Fresh cream	4.28	2.31	0.00	2.99	4.16	5.08	5.26	5.46
Butter	6.75	4.67	0.89	5.01	6.29	7.77	8.70	8.38
Cheese	34.43	28.90	1.79	27.31	33.53	38.55	39.01	40.58
Ice cream and related	21.25	14.25	4.73	16.73	20.33	23.51	26.15	26.23
Other including powdered milk and yogurt	10.44	8.21	0.00	10.02	9.96	12.02	11.11	10.46
Fruits and vegetables	190.86	130.07	24.23	150.46	166.18	221.77	243.62	247.72
Fresh fruits	61.46	41.31	3.92	45.96	51.66	72.65	82.53	82.87
Apples	11.63	7.11	2.78	8.69	11.46	13.91	13.75	13.54
Bananas	11.46	9.35	0.76	8.69	9.61	12.10	13.83	17.94
Oranges	7.49	5.08	0.00	6.33	6.90	9.00	9.00	8.32
Other fresh fruits	25.28	15.90	0.00	18.63	19.05	30.55	37.58	35.85
Other citrus fruits excluding oranges	5.61	3.87	0.37	3.62	4.63	7.09	8.37	7.23
Fresh vegetables	58.96	38.35	7.11	48.02	51.18	67.92	74.74	76.53
Potatoes	10.60	6.73	1.18	8.10	9.13	11.42	14.87	14.81
Lettuce	7.58	5.53	1.58	5.56	7.07	8.96	9.13	9.50
Tomatoes	10.32	8.02	2.64	8.77	8.35	11.57	13.39	13.80
Other fresh vegetables	30.46	18.07	1.71	25.59	26.63	35.97	37.35	38.42
Processed fruits	40.84	29.47	10.59	32.69	35.98	48.20	49.91	51.23
Frozen orange juice	2.95	2.24	1.35	2.29	2.22	4.11	3.39	3.85
Frozen fruits	0.69	0.23	0.00	0.31	0.52	0.90	1.22	1.10
Frozen fruit juices	2.17	3.15	0.00	2.29	1.97	2.92	1.90	1.16
Fresh fruit juice	8.08	4.82	0.00	5.78	6.74	9.60	11.29	11.28
Canned and bottled fruit juice	19.42	15.07	7.16	17.64	18.06	22.54	20.63	21.62
Canned fruits	5.16	3.08	2.08	3.17	4.50	5.64	7.46	8.07
Dried fruits	2.37	0.88	0.00	1.22	1.97	2.50	4.03	4.16
Processed vegetables	29.60	20.94	2.61	23.78	27.36	33.00	36.44	37.09
Frozen vegetables	9.42	5.19	1.75	7.93	9.06	10.85	12.10	10.25
Canned beans	4.22	4.31	0.00	3.61	3.52	4.63	5.11	5.43
Canned corn	2.54	2.62	0.00	2.45	2.41	2.68	2.72	2.62
Canned miscellaneous vegetables	6.38	4.09	0.85	4.62	5.10	7.36	8.62	9.70
Other processed vegetables	0.14	0.25	0.00	0.06	0.12	0.24	0.12	0.11
Other peas	0.07	0.06	0.00	0.02	0.10	0.09	0.07	0.05
Other beans	0.91	0.41	0.00	0.66	0.95	1.02	1.02	1.16
Other miscellaneous vegetables	2.78	1.41	0.00	1.90	3.16	2.80	3.24	3.57
Frozen vegetable juice	0.09	0.04	0.00	0.11	0.09	0.04	0.20	0.02
Fresh and canned vegetable juice	3.05	2.56	0.00	2.43	2.86	3.29	3.24	4.17

Continued --

Table 21--Householder's age, 1998 (continued)

Item	All	Age of householder						
		Under 25		25-34	35-44	45-54	55-64	Over 64
		Other	Student					
Sugar and sweets	43.86	29.78	15.99	34.66	42.20	49.01	52.21	53.86
Candy and chewing gum	28.56	16.71	15.99	22.76	28.09	32.70	35.20	32.39
Sugar	5.98	5.70	0.00	5.27	5.72	6.13	5.83	7.78
Artificial sweeteners	1.31	0.93	0.00	0.29	0.88	1.06	2.36	3.47
Other sweets	8.01	6.44	0.00	6.34	7.50	9.12	8.82	10.21
Fats and oils	30.45	22.98	3.22	23.71	27.72	34.71	37.39	38.58
Margarine	4.37	3.19	0.00	3.24	3.59	4.47	6.00	6.93
Other fats, oils, and salad dressings	9.28	7.40	0.00	7.74	7.85	10.17	11.59	12.59
Salad dressings	9.30	6.07	2.06	7.21	8.65	11.58	11.95	9.99
Nondairy creamer	3.20	2.30	0.00	1.77	2.80	4.25	4.10	4.43
Peanut butter	4.29	4.01	1.16	3.74	4.84	4.24	3.75	4.65
Beverages	91.25	76.28	52.93	74.57	91.29	106.13	101.98	93.53
Cola drinks	34.00	35.88	19.10	29.28	35.33	38.84	38.80	27.11
Other carbonated drinks	16.14	11.74	12.49	13.66	16.51	18.05	16.47	18.00
Roasted coffee	10.19	5.28	8.38	6.85	8.59	12.18	15.42	13.84
Instant coffee	5.46	2.15	0.00	3.71	4.64	5.38	7.28	10.03
Noncarbonated fruit flavored drinks	6.97	6.80	0.00	6.87	7.44	8.29	6.34	4.92
Tea	5.38	4.44	0.00	3.51	6.01	5.78	6.42	5.98
Other noncarbonated beverages	12.94	10.01	12.96	10.69	12.73	17.40	11.03	13.04
Nonalcoholic beer	0.17	0.00	0.00	0.01	0.05	0.21	0.22	0.61
Miscellaneous prepared foods	155.24	138.09	35.37	141.95	150.03	177.67	163.69	157.04
Soups	12.45	8.62	0.00	10.29	10.90	14.15	13.50	17.65
Frozen meals	10.07	7.00	6.60	7.06	8.68	12.93	8.95	15.74
Other frozen prepared food	19.89	18.27	0.00	18.43	18.81	25.84	18.85	17.68
Potato chips and other snacks	27.84	22.13	15.83	24.61	31.05	33.12	26.58	21.81
Nuts	6.85	2.28	4.88	4.81	5.34	8.20	12.43	8.82
Salt, seasonings, and spices	7.97	6.20	0.00	5.94	6.87	9.93	12.91	7.61
Olives, pickles, and relishes	3.85	2.12	0.00	2.76	3.49	4.42	5.69	4.78
Sauces and gravies	13.98	13.30	1.18	12.51	13.50	17.11	13.69	13.45
Other condiments	6.40	4.85	3.01	5.89	5.68	7.09	7.61	7.49
Prepared salads	6.81	4.15	1.48	3.82	6.48	8.84	9.21	8.44
Prepared desserts	3.55	2.25	0.00	2.40	3.44	3.78	4.42	5.16
Baby food	10.23	19.96	0.00	19.80	9.36	4.65	7.32	4.02
Other miscellaneous prepared foods	25.25	26.94	2.38	23.62	26.39	27.60	22.50	23.80
Vitamin supplements	0.09	0.01	0.00	0.00	0.02	0.00	0.02	0.58
Food away from home	679.11	689.79	588.69	638.61	655.49	747.29	797.01	597.34
Lunch	222.05	221.93	151.08	210.36	230.49	241.85	251.50	171.44
Dinner	321.95	323.22	316.88	295.42	298.11	342.51	402.61	319.87
Snacks and nonalcoholic beverages	65.44	80.94	76.40	76.46	68.71	70.73	55.75	34.86
Breakfast and brunch	57.57	61.30	44.34	52.27	53.27	60.73	75.19	55.21
Board	7.35	0.53	0.00	1.04	3.10	16.10	8.21	15.66
Catered meals	4.75	1.87	0.00	3.05	1.81	15.37	3.76	0.30
Alcoholic beverages	113.83	149.83	136.15	119.68	101.52	116.47	125.02	103.25

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 22--Number of earners, 1998

Item	All	Number of earners				
		None	One	Two	Three	Four or more
Household characteristics:						
Households (thousands)	91,133	17,338	34,531	31,398	5,764	2,102
Sample diaries (number)	10,119	1,960	3,834	3,424	659	242
Age of householder (years)	47.2	67.9	42.8	40.8	46.9	47.4
Income before taxes (dollars)	42,243	18,137	33,194	59,518	69,175	73,687
Income after taxes (percent)	92	95	92	91	92	94
Wage and salary income (percent)	78	0	80	87	92	92
Amount spent on food (percent)	11	16	11	9	10	10
Members per household (number)	2.52	1.60	2.01	3.10	4.14	5.19
Children under 18 years (number)	0.68	0.17	0.57	0.97	1.15	1.11
Adults over 64 years (number)	0.29	0.98	0.17	0.09	0.08	0.12
Vehicles per household (number)	1.6	1.0	1.3	2.0	2.5	3.0
Earners per household (number)	1.4	0.0	1.0	2.0	3.0	4.2
Homeownership (percent)	63	66	51	70	80	79
Average annual per person expenditure:		Dollars				
Food, total (excluding alcoholic beverages)	1,773.35	1,828.27	1,834.30	1,756.38	1,740.40	1,469.39
Food at home	1,094.24	1,289.05	1,105.55	1,065.08	1,012.31	967.45
Cereal and bakery products	170.61	203.93	170.76	165.61	162.18	148.27
Cereal and cereal products	58.91	64.73	60.08	57.33	57.20	54.56
Flour	2.64	3.22	2.86	2.25	2.83	2.90
Prepared flour mixes	5.10	5.89	4.68	4.76	6.12	6.55
Cereal	33.98	38.61	34.44	33.41	31.81	29.22
Rice	6.51	6.05	7.19	5.94	7.23	6.88
Pasta (dry) and cornmeal	10.67	10.95	10.91	10.97	9.22	9.00
Bakery products	111.70	139.20	110.68	108.28	104.98	93.71
White bread	14.09	18.67	14.11	13.13	13.64	11.89
Other bread	17.25	24.37	16.17	16.69	16.36	12.99
Fresh biscuits, rolls, and muffins	15.70	17.27	15.45	15.64	15.27	14.80
Cakes and cupcakes	13.63	16.38	15.39	12.59	9.87	12.90
Cookies	17.31	21.25	16.57	17.07	16.80	15.26
Crackers	8.99	11.30	8.69	8.74	9.36	6.51
Bread and cracker products	1.52	2.17	1.59	1.40	1.31	1.01
Doughnuts and sweetrolls	8.13	10.83	7.80	7.53	8.87	7.05
Frozen and refrigerated bakery products	10.28	10.89	10.54	10.53	9.07	7.55
Fresh pies, tarts, and turnovers	4.80	6.07	4.36	4.96	4.43	3.74
Meats, poultry, fish, and eggs	291.56	339.16	286.89	282.19	283.29	302.27
Meats	182.28	207.95	174.84	179.22	175.02	207.71
Beef	87.77	87.15	84.78	87.14	85.47	118.87
Ground beef (excluding canned)	31.00	28.72	30.16	32.00	27.55	40.80
Chuck roast	4.83	6.49	4.13	4.16	3.13	14.83
Round roast	4.32	5.62	4.51	3.70	3.79	6.51
Other roast	5.96	7.23	5.64	6.05	5.71	4.64
Round steak	6.29	5.37	5.80	7.02	5.76	6.31
Sirloin steak	10.27	11.96	10.85	9.11	8.55	16.25
Other steak	17.65	14.58	17.26	17.69	21.33	19.53
Other beef (excluding canned)	7.44	7.17	6.42	7.42	9.67	10.02
Pork	57.89	76.32	55.40	55.50	53.35	58.18
Bacon	8.53	11.82	8.52	8.13	6.97	7.16
Pork chops	13.26	16.10	13.48	12.70	11.26	14.04
Ham (excluding canned)	14.22	18.69	12.13	13.70	17.20	14.38
Other pork	12.70	16.19	12.66	12.00	10.29	15.54
Pork sausage	8.48	12.20	7.61	8.50	7.35	6.94
Canned ham	0.70	1.31	1.00	0.47	0.28	0.11

Continued --

Table 22--Number of earners, 1998 (continued)

Item	All	Number of earners				
		None	One	Two	Three	Four or more
Other meats	36.63	44.48	34.66	36.58	36.19	30.67
Frankfurters	7.98	9.11	8.51	7.76	6.78	6.26
Bologna, liverwurst, and salami	8.92	12.31	8.76	8.13	9.02	8.10
Other lunch meats	14.79	16.94	13.81	14.85	15.05	14.45
Lamb and miscellaneous meats	4.94	6.12	3.57	5.84	5.33	1.86
Poultry	55.99	60.80	55.63	55.40	56.09	51.02
Fresh and frozen whole chicken	11.62	13.25	12.32	10.85	11.31	10.65
Fresh and frozen chicken parts	32.62	35.40	31.32	32.84	33.05	30.87
Other poultry	11.75	12.15	11.99	11.71	11.72	9.50
Fish and seafood	40.20	51.27	43.14	35.96	39.19	33.51
Canned fish and seafood	5.74	8.71	5.81	5.25	4.69	4.48
Fresh fish and shellfish	23.96	30.26	26.65	20.66	24.22	19.69
Frozen fish and shellfish	10.50	12.30	10.67	10.05	10.28	9.34
Eggs	13.09	19.14	13.28	11.61	12.99	10.03
Dairy	120.42	149.71	118.74	119.25	108.92	92.32
Fresh milk all types	43.27	54.22	43.13	41.64	41.69	34.28
Fresh cream	4.28	5.86	3.86	4.29	3.44	4.63
Butter	6.75	8.29	6.75	6.73	5.69	5.39
Cheese	34.43	42.76	33.60	34.77	29.99	25.20
Ice cream and related	21.25	26.89	20.79	20.88	20.17	15.53
Other including powdered milk and yogurt	10.44	11.69	10.60	10.94	7.94	7.28
Fruits and vegetables	190.86	242.01	201.69	179.19	166.55	149.35
Fresh fruits	61.46	77.64	67.57	56.50	51.57	47.41
Apples	11.63	13.15	13.52	10.61	9.37	9.76
Bananas	11.46	17.32	11.92	10.27	9.52	8.48
Oranges	7.49	8.07	8.23	7.16	6.31	6.90
Other fresh fruits	25.28	31.97	27.57	23.27	22.05	18.64
Other citrus fruits excluding oranges	5.61	7.12	6.33	5.20	4.32	3.64
Fresh vegetables	58.96	77.45	60.40	55.08	53.56	49.30
Potatoes	10.60	16.28	10.96	9.17	9.25	9.54
Lettuce	7.58	9.60	7.85	7.07	6.85	6.90
Tomatoes	10.32	13.94	10.82	9.40	9.03	9.06
Other fresh vegetables	30.46	37.63	30.78	29.44	28.43	23.80
Processed fruits	40.84	51.45	42.58	39.00	36.52	28.77
Frozen orange juice	2.95	3.67	3.11	2.62	3.13	2.67
Frozen fruits	0.69	0.94	0.71	0.69	0.45	0.38
Frozen fruit juices	2.17	1.41	2.15	2.25	2.76	2.13
Fresh fruit juice	8.08	11.10	8.64	7.19	7.94	5.22
Canned and bottled fruit juice	19.42	21.76	20.82	19.23	16.37	12.90
Canned fruits	5.16	8.51	5.04	4.78	4.11	3.20
Dried fruits	2.37	4.05	2.11	2.24	1.75	2.27
Processed vegetables	29.60	35.48	31.14	28.62	24.90	23.87
Frozen vegetables	9.42	9.79	9.77	9.76	7.31	7.92
Canned beans	4.22	5.18	4.45	4.01	3.55	3.68
Canned corn	2.54	3.26	2.69	2.38	2.09	2.11
Canned miscellaneous vegetables	6.38	8.32	6.56	6.03	5.94	4.41
Other processed vegetables	0.14	0.13	0.15	0.18	0.00	0.01
Other peas	0.07	0.09	0.09	0.03	0.13	0.11
Other beans	0.91	1.23	0.99	0.82	0.78	0.62
Other miscellaneous vegetables	2.78	3.14	2.98	2.67	2.51	2.28
Frozen vegetable juice	0.09	0.03	0.12	0.09	0.05	0.04
Fresh and canned vegetable juice	3.05	4.32	3.33	2.65	2.55	2.68

Continued --

Table 22--Number of earners, 1998 (continued)

Item	All	Number of earners				
		None	One	Two	Three	Four or more
Sugar and sweets	43.86	52.26	47.04	41.34	40.81	31.52
Candy and chewing gum	28.56	32.22	31.35	26.87	27.27	19.54
Sugar	5.98	7.57	5.80	5.69	5.97	5.72
Artificial sweeteners	1.31	2.98	1.69	0.75	0.81	0.64
Other sweets	8.01	9.50	8.20	8.02	6.76	5.61
Fats and oils	30.45	38.60	30.26	29.05	27.12	30.64
Margarine	4.37	7.36	4.07	3.97	3.85	3.41
Other fats, oils, and salad dressings	9.28	11.76	9.33	8.79	7.72	10.57
Salad dressings	9.30	10.13	9.64	9.05	8.52	8.95
Nondairy creamer	3.20	4.50	2.78	3.24	2.99	2.65
Peanut butter	4.29	4.85	4.44	4.00	4.05	5.07
Beverages	91.25	103.18	91.26	89.53	85.56	88.59
Cola drinks	34.00	28.96	35.76	34.43	32.28	35.56
Other carbonated drinks	16.14	18.07	14.81	16.82	14.50	17.27
Roasted coffee	10.19	15.39	10.48	9.25	8.79	6.73
Instant coffee	5.46	10.94	5.65	4.10	4.81	3.83
Noncarbonated fruit flavored drinks	6.97	6.13	6.95	7.33	6.66	6.76
Tea	5.38	6.92	5.60	4.75	5.92	4.45
Other noncarbonated beverages	12.94	16.06	11.88	12.79	12.49	14.00
Nonalcoholic beer	0.17	0.70	0.13	0.07	0.12	0.00
Miscellaneous prepared foods	155.24	160.18	158.92	158.91	137.88	124.49
Soups	12.45	16.56	13.20	11.50	10.46	10.18
Frozen meals	10.07	15.99	11.48	8.32	6.58	9.39
Other frozen prepared food	19.89	16.40	18.92	21.71	20.13	18.17
Potato chips and other snacks	27.84	24.62	27.59	29.07	28.89	24.37
Nuts	6.85	9.18	6.64	6.45	7.31	4.90
Salt, seasonings, and spices	7.97	8.06	8.69	7.48	7.33	8.89
Olives, pickles, and relishes	3.85	4.69	4.14	3.69	3.17	2.73
Sauces and gravies	13.98	12.78	14.06	14.71	12.69	12.84
Other condiments	6.40	7.21	6.55	6.33	6.00	4.94
Prepared salads	6.81	8.30	6.96	6.36	6.74	6.20
Prepared desserts	3.55	4.70	3.87	3.20	2.95	3.08
Baby food	10.23	5.71	9.80	14.22	3.71	3.06
Other miscellaneous prepared foods	25.25	25.47	26.97	25.84	21.93	15.73
Vitamin supplements	0.09	0.52	0.06	0.02	0.00	0.00
Food away from home	679.11	539.23	728.75	691.30	728.09	501.94
Lunch	222.05	152.25	233.41	231.72	253.13	172.54
Dinner	321.95	275.27	354.04	319.63	324.37	251.38
Snacks and nonalcoholic beverages	65.44	35.17	71.77	70.18	70.30	48.89
Breakfast and brunch	57.57	52.27	64.21	56.47	62.18	28.58
Board	7.35	24.08	0.64	9.83	0.52	0.46
Catered meals	4.75	0.18	4.69	3.47	17.60	0.09
Alcoholic beverages	113.83	111.88	146.96	103.95	79.27	71.41

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 23—Urban vs. rural, 1998: Average annual per person food expenditures of all households

Item	All	Urban	Rural
Household characteristics:			
Households (thousands)	104,322	91,133	13,189
Sample diaries (number)	11,298	10,119	1,179
Age of householder (years)	47.7	47.2	50.6
Income before taxes (dollars)	40,823	42,243	31,801
Income after taxes (percent)	92	92	94
Wage and salary income (percent)	78	78	71
Amount spent on food (percent)	11	11	13
Members per household (number)	2.52	2.52	2.52
Children under 18 years (number)	0.68	0.68	0.66
Adults over 64 years (number)	0.30	0.29	0.37
Vehicles per household (number)	1.6	1.6	2.0
Earners per household (number)	1.3	1.4	1.3
Homeownership (percent)	65	63	76
Average annual per person expenditure: <i>Dollars</i>			
Food, total (excluding alcoholic beverages)	1,752.06	1,773.35	1,604.95
Food at home	1,084.84	1,094.24	1,019.91
Cereal and bakery products	169.40	170.61	161.00
Cereal and cereal products	58.30	58.91	54.11
Flour	2.75	2.64	3.49
Prepared flour mixes	5.09	5.10	4.98
Cereal	33.97	33.98	33.92
Rice	6.13	6.51	3.49
Pasta (dry) and cornmeal	10.36	10.67	8.23
Bakery products	111.09	111.70	106.89
White bread	14.24	14.09	15.26
Other bread	17.02	17.25	15.48
Fresh biscuits, rolls, and muffins	15.44	15.70	13.64
Cakes and cupcakes	13.46	13.63	12.26
Cookies	17.17	17.31	16.17
Crackers	9.03	8.99	9.25
Bread and cracker products	1.49	1.52	1.23
Doughnuts and sweetrolls	8.34	8.13	9.85
Frozen and refrigerated bakery products	10.26	10.28	10.15
Fresh pies, tarts, and turnovers	4.65	4.80	3.59
Meats, poultry, fish, and eggs	287.67	291.56	260.75
Meats	181.62	182.28	177.03
Beef	87.19	87.77	83.21
Ground beef (excluding canned)	31.46	31.00	34.63
Chuck roast	4.76	4.83	4.29
Round roast	4.35	4.32	4.54
Other roast	6.11	5.96	7.09
Round steak	6.18	6.29	5.45
Sirloin steak	9.90	10.27	7.34
Other steak	17.09	17.65	13.21
Other beef (excluding canned)	7.34	7.44	6.66
Pork	57.79	57.89	57.16
Bacon	8.68	8.53	9.71
Pork chops	13.08	13.26	11.80
Ham (excluding canned)	14.15	14.22	13.66
Other pork	12.90	12.70	14.31
Pork sausage	8.29	8.48	6.99
Canned ham	0.69	0.70	0.68

Continued --

Table 23—Urban vs. rural 1998: Average annual per person food expenditures of all households (continued)

Item	All	Urban	Rural
Other meats	36.63	36.63	36.66
Frankfurters	7.95	7.98	7.74
Bologna, liverwurst, and salami	8.86	8.92	8.48
Other lunch meats	15.06	14.79	16.89
Lamb and miscellaneous meats	4.77	4.94	3.55
Poultry	54.32	55.99	42.84
Fresh and frozen whole chicken	11.07	11.62	7.26
Fresh and frozen chicken parts	31.79	32.62	26.10
Other poultry	11.46	11.75	9.48
Fish and seafood	38.82	40.20	29.24
Canned fish and seafood	6.06	5.74	8.24
Fresh fish and shellfish	22.59	23.96	13.09
Frozen fish and shellfish	10.17	10.50	7.92
Eggs	12.91	13.09	11.64
Dairy	119.88	120.42	116.19
Fresh milk all types	43.64	43.27	46.21
Fresh cream	4.16	4.28	3.38
Butter	6.59	6.75	5.47
Cheese	34.18	34.43	32.45
Ice cream and related	21.16	21.25	20.49
Other including powdered milk and yogurt	10.16	10.44	8.18
Fruits and vegetables	187.49	190.86	164.20
Fresh fruits	59.51	61.46	46.01
Apples	11.28	11.63	8.87
Bananas	11.22	11.46	9.56
Oranges	7.17	7.49	4.93
Other fresh fruits	24.51	25.28	19.21
Other citrus fruits excluding oranges	5.33	5.61	3.43
Fresh vegetables	57.48	58.96	47.26
Potatoes	10.52	10.60	10.01
Lettuce	7.39	7.58	6.05
Tomatoes	9.93	10.32	7.20
Other fresh vegetables	29.64	30.46	23.99
Processed fruits	40.20	40.84	35.79
Frozen orange juice	2.94	2.95	2.86
Frozen fruits	0.71	0.69	0.89
Frozen fruit juices	2.19	2.17	2.31
Fresh fruit juice	7.56	8.08	3.92
Canned and bottled fruit juice	18.72	19.42	13.91
Canned fruits	5.59	5.16	8.55
Dried fruits	2.49	2.37	3.34
Processed vegetables	30.30	29.60	35.14
Frozen vegetables	9.60	9.42	10.78
Canned beans	4.40	4.22	5.61
Canned corn	2.62	2.54	3.18
Canned miscellaneous vegetables	6.43	6.38	6.73
Other processed vegetables	0.13	0.14	0.04
Other peas	0.08	0.07	0.17
Other beans	0.95	0.91	1.22
Other miscellaneous vegetables	2.85	2.78	3.29
Frozen vegetable juice	0.09	0.09	0.11
Fresh and canned vegetable juice	3.17	3.05	4.01

Continued --

Table 23—Urban vs. rural, 1998: Average annual per person food expenditures of all households (continued)

Item	All	Urban	Rural
Sugar and sweets	43.68	43.86	42.41
Candy and chewing gum	28.18	28.56	25.55
Sugar	6.14	5.98	7.22
Artificial sweeteners	1.39	1.31	1.94
Other sweets	7.97	8.01	7.70
Fats and oils	30.61	30.45	31.76
Margarine	4.45	4.37	4.98
Other fats, oils, and salad dressings	9.22	9.28	8.77
Salad dressings	9.29	9.30	9.20
Nondairy creamer	3.23	3.20	3.47
Peanut butter	4.43	4.29	5.34
Beverages	91.87	91.25	96.17
Cola drinks	34.56	34.00	38.44
Other carbonated drinks	16.51	16.14	19.06
Roasted coffee	10.15	10.19	9.80
Instant coffee	5.48	5.46	5.64
Noncarbonated fruit flavored drinks	6.85	6.97	5.97
Tea	5.48	5.38	6.21
Other noncarbonated beverages	12.70	12.94	11.04
Nonalcoholic beer	0.15	0.17	0.00
Miscellaneous prepared foods	154.25	155.24	147.44
Soups	12.37	12.45	11.77
Frozen meals	9.95	10.07	9.11
Other frozen prepared food	19.45	19.89	16.40
Potato chips and other snacks	27.80	27.84	27.53
Nuts	6.92	6.85	7.34
Salt, seasonings, and spices	7.91	7.97	7.49
Olives, pickles, and relishes	3.90	3.85	4.31
Sauces and gravies	14.01	13.98	14.19
Other condiments	6.40	6.40	6.43
Prepared salads	6.50	6.81	4.34
Prepared desserts	3.60	3.55	3.93
Baby food	10.06	10.23	8.95
Other miscellaneous prepared foods	25.30	25.25	25.66
Vitamin supplements	0.08	0.09	0.00
Food away from home	667.22	679.11	585.04
Lunch	219.43	222.05	201.33
Dinner	310.55	321.95	231.82
Snacks and nonalcoholic beverages	63.97	65.44	53.87
Breakfast and brunch	56.64	57.57	50.16
Board	7.99	7.35	12.45
Catered meals	8.63	4.75	35.41
Alcoholic beverages	108.54	113.83	71.97

Notes: Numbers may not add due to rounding.
Expenditures less than 0.005 are denoted as 0.00.

Table 24--Sampling variability, 1997-98: Coefficients of variation for average annual per person food expenditures of urban households

Item	1997	1998
Percent		
Food, total (excluding alcoholic beverages)	2	1
Food at home	1	1
Cereal and bakery products	2	1
Cereal and cereal products	2	2
Flour	5	7
Prepared flour mixes	5	4
Cereal	2	2
Rice	5	5
Pasta (dry) and cornmeal	3	2
Bakery products	2	1
White bread	3	2
Other bread	2	2
Fresh biscuits, rolls, and muffins	2	3
Cakes and cupcakes	5	5
Cookies	3	3
Crackers	3	3
Bread and cracker products	6	6
Doughnuts and sweetrolls	7	3
Frozen and refrigerated bakery products	4	5
Fresh pies, tarts, and turnovers	6	5
Meats, poultry, fish, and eggs	2	2
Meats	2	2
Beef	3	3
Ground beef (excluding canned)	2	3
Chuck roast	7	8
Round roast	8	7
Other roast	7	7
Round steak	6	6
Sirloin steak	7	6
Other steak	6	6
Other beef (excluding canned)	8	10
Pork	3	2
Bacon	4	4
Pork chops	4	5
Ham (excluding canned)	4	4
Other pork	5	4
Pork sausage	5	4
Canned ham	12	16
Other meats	3	3
Frankfurters	4	5
Bologna, liverwurst, and salami	4	3
Other lunch meats	3	3
Lamb and miscellaneous meats	11	12
Poultry	2	2
Fresh whole chicken	4	-
Fresh and frozen whole chicken	-	6
Fresh and frozen chicken parts	2	2
Other poultry	4	4
Fish and seafood	4	4
Canned fish and seafood	5	6
Fresh fish and shellfish	7	6
Frozen fish and shellfish	5	6
Eggs	2	3
		Continued --

Table 24--Sampling variability, 1997-98: Coefficients of variation for average annual per person food expenditures of urban households (continued)

Item	1997	1998
Dairy	1	1
Fresh milk all types	1	1
Fresh cream	5	5
Butter	4	3
Cheese	2	2
Ice cream and related	3	3
Other including powdered milk and yogurt	5	3
Fruits and vegetables	2	1
Fresh fruits	3	2
Apples	3	3
Bananas	4	2
Oranges	5	4
Other fresh fruits	3	3
Other citrus fruits excluding oranges	5	4
Fresh vegetables	3	2
Potatoes	4	2
Lettuce	7	3
Tomatoes	4	3
Other fresh vegetables	3	2
Processed fruits	2	2
Frozen orange juice	5	5
Frozen fruits	9	11
Frozen fruit juices	8	9
Fresh fruit juice	5	3
Canned and bottled fruit juice	3	3
Canned fruits	4	5
Dried fruits	5	10
Processed vegetables	2	2
Frozen vegetables	3	4
Canned beans	3	4
Canned corn	4	5
Canned miscellaneous vegetables	4	4
Other processed vegetables	24	27
Other peas	27	21
Other beans	8	9
Other miscellaneous vegetables	6	6
Frozen vegetable juice	19	21
Fresh and canned vegetable juice	7	6
Sugar and sweets	2	2
Candy and chewing gum	3	3
Sugar	4	3
Artificial sweeteners	8	12
Other sweets	3	3
Fats and oils	2	2
Margarine	4	3
Other fats, oils, and salad dressings	4	4
Salad dressings	3	3
Nondairy creamer	4	4
Peanut butter	5	4
Beverages	2	2
Cola drinks	3	2
Other carbonated drinks	4	4
Roasted coffee	4	3
Instant coffee	4	5
Noncarbonated fruit flavored drinks	4	4
Tea	4	5
Other noncarbonated beverages	6	5
Nonalcoholic beer	34	41

Continued --

Table 24--Sampling variability, 1997-98: Coefficients of variation for average annual per person food expenditures of urban households (continued)

Item	1997	1998
Miscellaneous prepared foods	2	2
Soups	4	4
Frozen meals	5	6
Other frozen prepared food	4	3
Potato chips and other snacks	2	2
Nuts	5	5
Salt, seasonings, and spices	4	5
Olives, pickles, and relishes	5	4
Sauces and gravies	3	2
Other condiments	5	4
Prepared salads	5	5
Prepared desserts	5	5
Baby food	11	8
Other miscellaneous prepared foods	3	2
Vitamin supplements	44	73
Food away from home	4	2
Lunch	2	2
Dinner	2	2
Snacks and nonalcoholic beverages	3	3
Breakfast and brunch	5	3
Board including school meals	44	46
Catered meals	67	53
Alcoholic beverages	5	4

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1. Food consumption--United States--Statistics.

2. Food consumption--United States--Costs--Statistics.

3. Household surveys--United States. 4. Nutrition surveys--United States.

I. United States. Dept. of Agriculture. Economic Research Service.

II. Title.

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