United States Environmental Protection Agency

Office of Water

Estimated Per Capita Water Ingestion and Body Weight in the United States–An Update

Based on Data Collected by the United States Department of Agriculture's 1994–1996 and 1998 Continuing Survey of Food Intakes by Individuals

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U.S. Environmental Protection Agency
Office of Water
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PREFACE

The United States Environmental Protection Agency (U.S. EPA) generated the estimates in this report in response to legislative mandates in the Safe Drinking Water Act Amendments of 1996. These mandates require up-to-date information on water ingestion to identify subpopulations at elevated risk of health effects from exposure to contaminants in drinking water. The estimates also support characterization of health risks to sensitive populations from contaminants in drinking water. The estimates in this document characterize the empirical distributions of 2-day average per capita ingestion of water for specific subpopulations. Subpopulation estimates apply to demographic categories, but do not distinguish individuals with a history of serious illness or with lifestyles that effect water ingestion.

Specifically, this report presents current estimates of per capita water ingestion generated from dietary and demographic data collected in a survey conducted by the United States Department of Agriculture (USDA) in 1994 through 1996 and 1998. In this survey, known as the Continuing Survey of Food Intakes by Individuals (CSFII), 2 nonconsecutive days of food ingestion data were collected from a sample of more than 20,000 individuals in the 50 states and the District of Columbia. Respondent information, in conjunction with food code, recipe, and nutrient data from USDA, provide the means to estimate per capita ingestion of plain drinking water (direct water) and water ingested indirectly. "Indirect water" is defined as water used in the final preparation of foods and beverages at home or by food service establishments such as school cafeterias and restaurants. For this report, quantities of ingested water reported in the CSFII 1994–1996 and 1998 were averaged by participant to generate a 2-day average. These daily average ingestion amounts comprise the empirical distributions from which mean and upper percentile per capita ingestion estimates were produced. Previously, a report based on the 1994–1996 data was released in April 2000 (see http://www.epa.gov/ost/drinking/percapita//). Subsequently, additional data collected in 1998—comprised of responses for approximately 5,000 children aged 9 and younger—were made available. The availability of the additional data and the ability to produce additional analyses not included in the previous report provided the impetus for the work documented in this report.

The CSFII survey, and consequently estimates reported in this document, extrapolate to the population of the United States. The population per capita ingestion estimates are augmented with estimates of per capita ingestion for various population subsets. These population subsets include (1) gender and age categories and (2) pregnant, lactating, and childbearing-age women. Subpopulation ingestion estimates support assessments of "at risk" populations.

Water ingestion rates for the overall population and for subpopulations have several important applications within EPA. Information on water ingestion is used in risk assessment and regulations that involve the use of default values (i.e., generally assumed amounts) for water ingestion and in the estimation of risks to highly exposed and/or sensitive populations.

It is important to emphasize that risk is a function of both exposure and sensitivity. Sensitivity is determined by genetics, developmental stage (old as well as young), lifestyle, and preexisting disease conditions. With the exception of age, these other determinants of sensitivity are not addressed in this report.

Water ingestion estimates in this document support the evaluation and possible revision of the

standard water ingestion quantities (default values) of 2 liters for a 70 kilogram average adult and 1 L for a 10 kg child. These standard quantities are used by many agencies, including EPA and the World Health Organization (WHO). The 2 L standard is supported by a 1989 National Cancer Institute report on tap water consumption (Ershow and Cantor, 1989). Estimates of water ingested in this report differ from the estimates reported by Ershow and Cantor for several reasons. Ershow and Cantor's estimates are based on data from the 1977–78 USDA National Food Consumption Survey (NFCS) while the estimates reported here are based on 1994–96 and 1998 data. Also, the 1989 report presents estimates of tap water ingestion. Ershow and Cantor define tap water as "water from the household tap." In this report, water coming from the tap is distinguished by source. Sources of water coming from the tap may include: community water, household well or cistern, a household or public spring, and other. Thus, estimates in this report are expected to differ from those reported in 1989 because the estimates in this report incorporate more recent ingestion data and thus reflect changes in ingestion behavior. Estimates also will differ between the 1989 report and this report because the sources of water ingested are more definitive in this report. A third way that the estimates in this report differ from those in the 1989 report is that the 1994–96 and 1998 data include water ingestion by pregnant and lactating women. Those women were excluded from the 1989 report. To further address changes in water ingestion patterns, this report provides separate estimates for community water, bottled water, and water from other sources.

This report consists of the following chapters:

- **Executive Summary**, summarizes the most pertinent information contained in this report, including the main features of the CSFII data collection and results from the analysis.

- **Chapter 1**, **Definitions**, identifies water-related terms used in the report. Definitions distinguish indirect water from direct water, and identify water sources.

- **Chapter 2**, **Sources of Data**, describes the USDA surveys, summarizes the method of data collection, and identifies the respondent data files and concomitant information files used to establish the estimates. (Appendix D provides the details of the sample design.)

- **Chapter 3**, **Methods**, presents the means of determining source and amount of direct water ingested by survey respondents. Conventions for identifying and determining the amount of water ingested indirectly through food preparations also are presented. Data convention descriptions are followed by a summary of the statistical methods used for generating mean and empirical percentile estimates and the size of the subpopulation to which the estimates are applicable. (Appendix D records statistical estimation formulae.)

- **Chapter 4**, **Estimated Per Capita Water Ingestion by Broad Age Categories**, provides an overview of key daily water ingestion estimates for the following age categories: infants and babies younger than 1 year of age, children between the ages of 1 and 10 years, adolescents aged 11 to 19 years, and adults aged 20 years and older. This chapter also records per capita water ingestion estimates across all age categories. Results are augmented with graphical presentations and numerous tables of the empirical distribution of estimated average daily per capita ingestion of water.

- **Chapter 5**, **Estimates of Water Ingestion: Additional Results for Fine Age Categories**, presents estimates and provides a narrative characterizing key daily water ingestion estimates for age categories that are smaller in range than those reported in Chapter 4. Estimates for infants and

babies are reported in two age categories: those younger than 6 months of age and those between the ages of 6 months and 1 year. Ingestion estimates for children are presented for four age categories: those younger than 2 years of age, children between the ages of 1 and 3 years, children between the ages of 4 to 6, and children aged 7 to 10 years. Adolescent daily water ingestion statistics are recorded for individuals aged 11 to 14 years and aged 15 to 19 years. Finally, adult ingestion estimates are recorded for individuals between the ages of 20 to 24 years, 25 to 54 years, 55 to 64 years and aged 65 and older.

- **Chapter 6**, **Additional Results: Women of Child Bearing Age**, presents estimates of mean and upper percentile daily average water ingestion for women between the ages of 15 and 44. Ingestion estimates are provided for nonpregnant and nonlactating women in that age category. Specific estimates also are provided for pregnant women and lactating women. Tabulated estimates from the 1994–96 and 1998 CSFII are juxtaposed to estimates for this cohort reported by Burmaster in a 1998 issue of Risk Analysis. The chapter includes a comparison of CSFII estimates to the results based on the 1978 National Food Consumption Survey reported by Burmaster.

- **Chapter 7**, **Estimated Mean and Percentiles of Body Weight by Age and Gender,** provides current estimates from the distributions of body weights by age and gender. These body weight estimates were generated from the 1994–96 and 1998 CSFII data, the same source of data used to produce the water ingestion estimates included in this report. The use of the same survey data for both the water ingestion estimates and body weight estimates establishes consistency between results and comparability of estimates.

- **Chapter 8, Discussion**, discusses the advantages and disadvantages of the CSFII for estimating per capita water ingestion in the United States. Sources of error, bias, and uncertainty are defined, and conclusions are presented.

Material included in the appendices augment the data convention descriptions and methods described in Chapters 2 and 3. Appendix E presents tabulated estimates of per capita water ingestion by water source and subpopulation for all respondents and for "consumers only."

- **Appendix A**, **CSFII Survey Questions Pertaining to Water Ingestion**, lists the household level questions that are used to determine water source, individual-level questions that identify the number of fluid ounces and source of directly ingested water, and food item questions for determining foods with water added at home or by a food service facility.

- **Appendix B**, **Examples of Procedures Used in the Estimation of Indirect Water Ingestion**, provides three sets of examples. For food codes that were prepared at home or by food service establishments, Appendix B1 identifies how the proportion of indirect water in 100 grams of each food was estimated and provides examples. Appendix B2 provides examples, supplied by USDA, of how to estimate preparation water absorbed in foods such as cooked pasta, rice, cereal grains, beans, and legumes. USDA guidance and examples for calculating the percent and amount of moisture in 100 grams of food follow in Appendix B3.

- **Appendix C**, **1994–96, and 1998 CSFII Food Codes**, lists CSFII food codes at the three-digit level and the assignments of percentage of indirect water and commercial water in Appendices C1 and C2, respectively. Commercially added waters are not included in the ingestion estimates

presented in this report. Appendices C3 and C4 list food codes and their corresponding proportions of water in 100 grams of food.

- **Appendix D**, **Statistical Methods and Sample Design**, provides the statistical formulae for generating point and interval estimates about the mean and upper percentiles of the distribution of 2-day average per capita water ingestion. This appendix also provides the details of the sample design.

- **Appendix E**, **Per Capita Water Ingestion Estimates**, includes tabulated presentations of per capita water ingestion estimates. All estimates are from empirical distributions of 2-day average amounts of water ingested. This appendix presents tables for the entire population and for individuals in specific subpopulations in four parts. Parts I and II record estimates of direct, indirect, and both direct and indirect water ingestion for all individuals. Parts III and IV contain water ingestion estimates for "consumers only." These estimates include only individuals who reported ingestion of the water under consideration. Therefore, these estimates do not include individuals who reported zero amounts of water ingested from the water source under consideration. Biological and commercially added waters are not included in the amounts of indirect water ingested.

  Five sets of estimates comprise each part of this appendix. The five sets differ by the source of water ingested. These sources are community water, bottled water, water from other sources, missing source, and all sources. Each part contains three tables of estimates for each water source. The tables report water ingestion estimates by gender and broad age category; fine age category; and pregnant, lactating, and childbearing-age women. For each water source, ingestion estimates contained in Parts I and Parts III are reported in units of milliliters per person per day. Units for Parts II and IV are in milliliters per kilogram of body weight per day.

- **Appendix F**, **Final SAB Report and EPA Response**, includes the results of a review of the July 1999 version of this report by the Drinking Water Intake Subcommittee (DWIS), a special subcommittee of the EPA Science Advisory Board (SAB). EPA's response to this report also is included. The 1999 draft report reviewed by the SAB contained methods and data from the 1994 through 1996 CSFII. EPA published the report in April 2000. Per capita estimates reported in the current document augment the 1994 through 1996 estimates with data from the 1998 CSFII. The methods and data conventions applied to generate the estimates in this December 2002 report are identical to those reviewed by the SAB.

EXECUTIVE SUMMARY

The Safe Drinking Water Act Amendments of 1996 requires the U.S. EPA to conduct studies characterizing health risk to sensitive populations and to identify subpopulations at elevated risk of health effects from exposure to contaminants in drinking water. The process of establishing human risk requires up-to-date information on water ingestion, and this report responds to that need. The objective of this report is to provide current estimates of water ingestion for the population of the United States and selected subpopulations. The subpopulations include gender and age categories, pregnant women, lactating women and women of childbearing age. These ingestion estimates may be used in estimating risk to human health from the ingestion of water that may be contaminated. Knowledge of water ingestion is very important to the mission of the Office of Water, and credible national estimates of drinking water ingestion are of great utility to many other EPA programs as well.

The reported estimates were calculated using data from the combined 1994, 1995, 1996, and 1998 Continuing Survey of Food Intakes by Individuals (CSFII), conducted by the United States Department of Agriculture (USDA). The CSFII is a complex, multistage area probability sample of the entire United States, and is conducted to survey the food and beverage intake of the U.S. population. The CSFII collected 2 nonconsecutive days of food ingestion data from a sample of more than 20,000 individuals. These daily average ingestion amounts comprise the empirical distributions from which mean and upper percentile per capita ingestion estimates are produced. A previous report, based on the 1994–1996 data was issued in April 2000 (see http://www.epa.gov/ost/drinking/percapita//). The USDA released additional data collected in 1998 for approximately 5,000 children aged 9 and younger following completion of the April 2000 report. Subequently, additional analyses that include the 1998 data were performed and are documented in this report.

This report, like EPA's 2000 edition, provides ingestion estimates of direct water, "indirect water" and both direct and indirect water combined .[1] Estimated amounts of water ingested by water source also are provided. Sources include: community water, bottled water, other sources, and all of the above-mentioned sources combined (total water).[2] "Other sources" include water from private household wells and rain cisterns, and household and public springs. Additionally, the report provides estimates of water ingestion for "all individuals and for "consumers only." The estimates for all individuals are based on all survey respondents in the population (or subpopulation) under consideration, including those who reported no consumption of the water from the source under consideration during the 2 survey days. Because there are some people who did not ingest water during the 2-day survey (referred to as "zero" consumers), especially the very young children, a separate group called "consumers only" was created. The estimates for "consumers only" are based on only those respondents in the population (or subpopulation) of interest who reported ingestion of the water from the source under consideration during the 2 survey days, and excludes the "zero" consumers. All estimates are provided in units of milliliters per person per day (mL/person/day) and milliliters per kilogram of body weight per day (mL/kg/day).

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[1]For the purpose of this report, indirect water does not include water found naturally in foods (biological water) and water added by commercial food and beverage manufacturers (commercial water).

[2]References in this report to the ingestion of community water, bottled water, and other water refer to the ingestion of the combined amount of direct and indirect community, bottled, or other water, respectively.

By incorporating the 1998 CSFII data, the sample for children younger than 11 years of age increased from 4,339 to 9,643 children. In particular, the sample size for children younger than 1 year of age increased from 359 to 1,486, while the sample size for children between the ages of 1 through 10 years of age increased from 3,980 to 8,157 children. These increased sample sizes supported the generation of ingestion estimates for smaller (finer) age range categories. Chapter 5 in this report presents daily average per capita ingestion estimates by fine age categories. In particular, this chapter now provides water ingestion estimates for infants younger than 6 months of age and for children between the ages of 6 months to 1 year.

In addition to updating the daily average per capita water ingestion estimates listed in the April 2000 report, three new chapters of estimates have been added to this report. Chapter 5 presents estimates by fine age categories. Chapter 6 provides estimates of water ingestion for women of childbearing age, from 15 to 44. Mean and upper percentile estimates of water ingestion are provided for nonpregnant and nonlactating women in the age category, as well as for pregnant women and lactating women. Chapter 6 also compares the current water ingestion estimates generated from CSFII 1994–96 and 1998 data with estimates published by Ershow et al. (1991). Finally, Chapter 7 presents estimates of body weight distributions for the U.S. population and for selected subpopulations. The body weight estimates were generated from the same CSFII data from which water ingestion estimates were produced. That is, participants in the CSFII survey reported their body weight in addition to their food and beverage intake. The results presented in this report may be used in risk assessment analyses where exposures that occur through ingestion of water are of concern. The ingestion estimates presented provide the basis for evaluation of the proportion of the population that may be affected under various exposure scenarios.

On average, the estimated daily per capita ingestion of community water is 926 mL/person/day. Considering water from all sources, the mean per capita daily average total water ingestion is 1.233 L. The estimated 90th percentiles of the distributions of daily average per capita water ingestion by the U.S. population are 2.014 L of community water and 2.341 L of water from all sources.

Two liters per person per day has been used as the default value for water ingestion by EPA, other Federal agencies, and the WHO. Chapter 4 of this report shows that the estimated 90th percentile of community water ingestion for the general population (males and females of all ages) is 2 L per day (2.1 L for males, and 1.9 L per day for females), and that the estimated 90th percentile of total water ingestion is 2.3 L per day (2.5 L per day for males and 2.2 L per day for females).

Chapter 4 of this report also shows that the estimated 85th percentile of community water ingestion for males twenty years and older is 2 L per day. For males twenty and older, the estimated 76th percentile of ingestion of water from all sources (total water) is 2 L per day. For women aged twenty and older, the estimated 88th percentile of community water ingestion is 2 L per day while the estimated 82nd percentile of total water for women twenty and older is 2 L per day.

Estimates of per capita water ingestion based on “consumers only” are higher than those based on all individuals, because respondents reporting zero community water ingestion during the 2 survey days were excluded from the analysis. For “consumers only,” the estimated mean per capita ingestion of community water is 1.0 L/person/day and the 90^{h} percentile ingestion estimate is 2.069 L. For “consumers only” the estimated mean ingestion is 1.242 L/person/day of total water and the estimated 90th percentile of total water ingestion is 2.345 L per day.

When viewed across genders and all age categories, the mean per capita total water ingestion is 1,233

mL/person/day; 75 percent from community water, 13 percent from bottled water, 10 percent from other sources (well, spring and cistern, etc.), and 2 percent from nonidentified sources.

The mean community and total water ingestion for males is statistically significantly higher than by females in all age groups except for individuals younger than 1 year of age. The highest mean per capita ingestion by males occurs in the 20 years and older group.

Lactating women have the highest community water ingestion of any subpopulation identified in the sample. Lactating women have an estimated mean 2-day average ingestion of 1.379 L and estimated 90th percentile of 2.872 L/day of community water (see Table 4.1.E). For lactating women, 2 L per day corresponds to the estimated 67th percentile of community water ingestion and the estimated 62nd percentile ingestion of water from all sources.

Children younger than 1 year of age have an estimated mean ingestion of 327 mL of community water per day and an estimated 90th percentile of 872 mL of community water per day. The estimated 95th percentile of community water ingestion for children younger than 1 is 1.031 L per day. For total water, children younger than 1 year of age have an estimated mean ingestion of 488 mL/person/day. "Consumers only" children younger than 1 year old have an estimated mean ingestion of 502 mL of community water/person/day. The estimated 90th percentile of community water ingestion for "consumers only" children younger than 1 year of age is 976 mL/person/day. Thus, the standard 1 L ingestion rate used in risk assessments for children weighing 10 kg is approximately equal to the 90th percentile of the empirical distribution of community water ingestion for children younger than 1 year.

When considering water ingestion rates based on units of milliliters per kilogram of body weight per day, the estimated rate for children younger than 6 months of age is the highest of any of the rates estimated for the fine age categories. Estimated mean ingestion rates for babies younger than 6 months of age are three to four times higher than the estimated mean ingestion rates of community and total water for the "all individuals" adult (20 years or older) population. For "consumers only," the mean community water ingestion estimate per kilogram of body weight for children younger than 6 months of age—95 mL/kg/day—is six times higher than that for "consumers only" adults (16 mL/kg/day). The estimated mean ingestion rate of water from all sources (total water) for "consumers only" children younger than 6 months of age is five times higher than that for "consumers only" adults (see Table 5.2.A2).

The CSFII surveys have advantages and limitations for estimating per capita water ingestion. The primary advantage of the CSFII surveys is that they were designed and conducted by the USDA to support unbiased estimation of food consumption across the population in the United States. One limitation of the CSFII surveys is that individual food consumption data were collected for only 2 days—a brief period that does not necessarily depict "usual intake." Usual dietary intake is defined as "the long-run average of daily intakes by an individual." Upper percentile estimates may differ for short-term and long-term data because short-term food consumption data tend to be inherently more variable. It is important to note, however, that variability due to duration of the survey does not result in bias of estimates of overall mean consumption levels. A second limitation is that the multistage survey design does not support interval estimates for many of the subpopulations reported in this document because of sparse representation in the sample. Therefore, only mean and percentile estimates are reported for all subpopulations considered here. The survey does support interval estimates for the U.S. population and some large subpopulations that are presented in Chapter 4. A third limitation is that the survey design does not support generating water consumption estimates for certain subpopulations of interest, including Native Americans with traditional lifestyles, people who live in hot climates, people who consume large

amounts of water because of physical activity, and people with medical conditions necessitating increased water intake. While these individuals were participants in the survey, they are not present in sufficient numbers to support separate water ingestion estimates.

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1. DEFINITIONS

Biological Water is water found naturally in foods. This water source is not included in the estimates presented in this document.

Bottled Water is purchased plain water.

Broad Age Categories cover babies (less than 1 year old), children (1 to 10 years old), adolescents (11 to 19 years old), adults (20 years and older).

Commercial Water is water added by the manufacturer prior to merchandising. This water is not included in the estimates presented in this document. An example of commercial water is water added to bottled iced tea by the manufacturer.

Community Water is tap water from the community water supply.

Consumers are individuals who reported ingestion of the water source under consideration. Individuals with reported ingestions of zero are not considered consumers.

CSFII is the acronym for the United States Department of Agriculture (USDA) Continuing Survey of Food Intakes by Individuals.

Direct Water is plain water ingested directly as a beverage.

Fine Age Categories include 11 age groupings. These groupings are less than six months (<0.5 years), between six months and one year (0.5 to 0.9 years), 1 to 3 years, 4 to 6 years, 7 to 10 years, 11 to 14 years, 15 to 19 years, 20 to 24 years, 25 to 54 years, 55 to 64 years, and 65 and older.

Food Code is an 8-digit number assigned to each unique food in the USDA Food Coding Database.

Food Coding Database is a database in the USDA CSFII 1994–1996 and 1998 Technical Support Files that contains information used to code foods and amounts, including descriptions of the food code.

Indirect Water is water added to foods and beverages during final preparation at home, or by food service establishments such as school cafeterias and restaurants. An example of indirect water is water added to dry cake mix.

Missing Water Source indicates that a survey participant responded “don’t know” or “not ascertained” to the survey question regarding the source of water.

Nutrient Database is a database in the USDA 1994–1996 and 1998 CSFII Technical Support Files that contains nutrient composition information (including grams of water per 100 grams of food) used to calculate the nutrient value of foods ingested in the CSFII.

Other Water is water obtained from one of the following sources: a well or rain cistern (household’s), spring (household’s or public), or other source.

Preparation Water is water used to prepare foods. Preparation water includes the water used to prepare foods at home and by local food service establishments (indirect water), as well as, water added by commercial food manufacturers.

Recipe Database is a database in the USDA 1994–1996 and 1998 CSFII Technical Support Files that provides, for each food code, a standard recipe including the gram weight of every ingredient.

Technical Support Files consist of four USDA technical databases used to code food data collected in the 1994–1996 and 1998 CSFII. They are the Food Coding Database, the Nutrient Database, the Recipe Database, and the Pyramid Servings Database.

Total Water is the sum of direct and indirect water from all sources. Water sources include community water, bottled water, other water and missing sources.

2. USDA's CSFII SURVEY DESCRIPTION AND FILES

The chapter presents a brief description of the United States Department of Agriculture (USDA) 1994, 1995, 1996, and 1998 series of the Continuing Survey of Food Intakes by Individuals (CSFII). Section 2.1 provides a description of the surveys, and Section 2.2 describes the process used to collect the dietary recall information. Files from which data were drawn to produce the estimates in this report are listed in Section 2.3. Section 2.4 presents a brief discussion about survey weights and their use. The details of the sample design and resulting survey weights are provided in Appendix D.

2.1 Survey Description

The CSFII, conducted by the USDA, collects dietary intake information from nationally representative samples of noninstitutionalized people residing in United States households. Households in these national surveys are sampled from the 50 states and Washington, D.C. Each survey collects daily consumption records for approximately 10,000 food codes across nine food groups. The food groups are: milk and milk products; meat, poultry, and fish; eggs; dry beans, peas, legumes, nuts, and seeds; grain products; fruit; vegetables; fats, oils, and salad dressings; and sweets, sugars, and beverages. Data provide "up-to-date information on food intakes by Americans for use in policy formation, regulation, program planning and evaluation, education, and research." The survey is "the cornerstone of the National Nutritional Monitoring and Related Research Program, a set of related federal activities intended to provide regular information on the nutritional status of the United States population" (1994–96 CSFII survey documentation, p. 2–3).

The 1994–1996 and 1998 series of the CSFII were conducted according to a stratified, multiarea probability sample organized using estimates of the 1990 United States population. Stratification accounted for geographic location, degree of urbanization, and socioeconomics. Each year of the survey consisted of one sample with oversampling for low-income households. Eligibility for the low-income sample was limited to households with gross incomes at or below 130 percent of the federal poverty guidelines (DHHS 1996). The sample design aimed at specified precision levels for estimates of mean 1-day consumption of saturated fat and iron.

Two days of dietary recall data were provided by 20,607 individuals across the 4 survey years. This constitutes an overall 2-day response rate of 77.4 percent. Response rates for each survey year are provided in Table 2.1. Survey weights were corrected by the USDA for nonresponse.

Table 2.1. CSFII Response Rates

YEAR	TOTAL ELIGIBLE INDIVIDUALS SAMPLED	NUMBER WITH 2–DAY RESPONSE	(2–DAY) RESPONSE RATE
1994	6,973	5,311	76.2%
1995	6,664	5,072	76.1%
1996	6,484	4,920	75.9%
1998	6,491	5,304	81.7%

2.2 Dietary Records

Survey participants provided 2 nonconsecutive, 24-hour days of dietary data. For both days, dietary recall information was collected by an in-home interviewer. Interviewers provided participants with an instructional booklet and standard measuring cups and spoons to assist them in adequately describing the type and amount of food ingested. If the respondent referred to a cup or bowl in their own home, a 2-cup measuring cup was provided to aid in the calculation of the amount consumed. The sample person could fill their own bowl or cup with water to represent the amount eaten or drunk, and the interviewer could then measure the amount consumed by pouring it into the 2-cup measure. The Day 2 interview occurred 3 to 10 days after the Day 1 interview, but not on the same day of the week. The interviews allowed participants "multiple passes" through the daily intake record to maximize recall (CSFII survey documentation, p. 3–7). Proxy interviews were conducted for children aged six and younger and sampled individuals unable to report due to mental or physical limitations. The average questionnaire administration time for Day 1 intake was 30 minutes, while Day 2 averaged 27 minutes.

2.3 Data Files

The USDA recorded 1994–1996 and 1998 CSFII participant information in three record types. Data extracted from these record types provided the information used to determine the amount and source of commodities ingested by participants. These data are publicly available on CD-ROM (see Section 5.4 References), and the three CSFII record types used for this report are described here. Record type 15 (RT15) reports household information. Generally the source of water is determined from these records. Record type 25 (RT25) records individual information. This is where the amount of direct water ingested is recorded. Record type 30 (RT30) records food items ingested on each of the 2 survey days by each individual. The amount of indirect water ingested can be calculated from these records in conjunction with the CSFII 1994–96 and 1998 Technical Support Files including the food coding, recipe, and nutrient databases. Refer to Appendix A for the CSFII questions related to the amount of water ingested and the source of the water. Chapter 3 details how these record types were combined to establish a working database of individual records with the amount, source, and type of ingestion (direct or indirect).

2.4 Survey Weights

USDA files provide a survey weight for each individual with 2 days of consumption data in the 1994–1996 and 1998 survey. These weights account for the probability that the individual was selected and contain adjustments for nonrespondents. The recorded weights also reflect USDA's calibration to ensure that the sample is representative of population characteristics during the 3 years of the survey.

Survey weights were applied during the generation of ingestion estimates recorded in this report. These weights project data from an individual to the population. Appendix D provides a more detailed discussion of the development and application of the 3-year, 2-day survey weights.

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3. METHODS

This chapter addresses the methods employed to produce the reported daily average per capita water ingestion estimates by source and type of ingestion. Section 3.1 defines the data conventions applied to the CSFII data to establish water ingestion records for each respondent with 2 days of consumption data. These conventions include identification of the records from CSFII used to determine the source and amount of directly ingested waters. We also describe CSFII auxiliary files and how they were used to quantify the amount of indirect water ingested by a survey participant. Section 3.2 summarizes the statistical methods used to estimate the mean and percentiles of the empirical distributions of daily average per capita water ingestion. Appendix D provides the statistical formulae used to calculate these estimates. Rounding procedures and units of measurement are recorded in Sections 3.3 and 3.4, respectively. Section 3.5 provides the minimum sample size requirements used to identify potentially unreliable estimates.

3.1 Data Conventions Applied to the 1994–1996 and 1998 CSFII Data

A series of CSFII records were used to define the source and type of water ingested by a survey respondent. Analysts drew from household records and individual records to define the amount and source of plain water ingested as a beverage. The source and amount of indirect water ingestion was determined using the household and individual records in conjunction with the 1994–1996 and 1998 CSFII Technical Support Files including the food coding, recipe and nutrient databases. All CSFII data used are publicly available on CD-ROM (see Section 5.4 References). The following paragraphs describe the protocols followed for assigning the source and quantifying the amount of the daily average water ingested by each respondent with 2 days of consumption records.

CSFII record type 15 (RT15) reports household information. The source of water ingested is generally assigned from these records. Record type 25 (RT25) records the amount of direct water ingested. Record type 30 (RT30) reports food items ingested on each of the 2 survey days by every individual. The amount of indirect water ingested by each participant was calculated from food code records in conjunction with the 1994–1996 and 1998 CSFII Technical Support Files. The remainder of this chapter provides a more detailed description of how information was drawn from these three sets of records to determine the average daily water ingestion for each survey participant. The data conventions are described first, followed by a flow chart. As a point of reference, Appendix A contains all CSFII questions related to the amount of water ingested and the source of the water.

Water ingestion listed as “direct” is defined as plain water directly ingested by an individual. The amount of water ingested is recorded in CSFII RT25, variables D1_H2O_O and D2_H2O_O. The number following the letter D in these variables indicates the day of the survey to which the consumption corresponds. In those two variables, the amount of direct water ingested by participants is recorded in fluid ounces (fl oz). This amount was converted to milliliters by multiplying the amount in fluid ounces by the conversion factor of 29.574 mL/fl oz.

Respondents to the question “How many fluid ounces of plain drinking water did you consume?” (D1_H2O_O) are directed to the companion RT25 variables D1_H2O_H and D1_H2O_A. A similar set of variables records information for D2_H2O_O. The variable with the suffix “H” asks the respondent how much of this water was ingested at home. The choice of responses is: “all,” “most,” “some,” “none,”

"don't know," and "not ascertained." The variable D1_H2O_A asks for the source of plain drinking water that did not come from the home. The choice of responses is: "tap/fountain," "bottled," "other," "don't know," and "not ascertained." If an individual answers with either of the last two responses, the source of that water is considered "missing."

Because the amount of plain, noncarbonated water ingested by an individual as recorded in the RT25 files does not completely designate the source of the water, RT15 household records were consulted. The RT15 variable, H2O_DRNK, records source information for the household. For this variable, the following conventions were applied to assign source.

If H2O_DRNK is valued as:

- **1**, then the water source was a **community water supply**
- **2**, then the water source was a **household well or rain cistern**
- **3**, then the water source was a **household or public spring**
- **4**, then the water source was considered **bottled water (purchased)**
- **96**, it is defined explicitly as **"other"** and considered to be **"other" water** sources.

All remaining values of the associated variable, which include 98 for "don't know" and 99 for "not ascertained," are considered missing water sources.

To determine source for direct water ingestion (D1_H2O_O), **if RT25 variable D1_H2O_H is valued as**:

- **1,** designating "**all**," then the source was derived from RT15 variable H2O_DRNK.
- **2,** designating "**most**," then 75 percent of the water ingested was allocated according to the RT15 variable H2O_DRNK and 25 percent according to the response to RT25 variable D1_H2O_A.
- **3,** designating "**some**," then 25 percent was allocated according to the RT15 variable H2O_DRNK and 75 percent according to the response to RT25 variable D1_H2O_A.
- **4,** designating "**none**," then the source was derived from RT25 variable D1_H2O_A.
- **8** or **9,** designating "**don't know**" or "**not ascertained**," respectively, then 50 percent was allocated according to the RT15 variable H2O_DRNK and 50 percent according to the response to RT25 variable D1_H2O_A.

Indirect water is defined as water added to foods and beverages during final preparation at home or by local food service establishments, such as school cafeterias and restaurants. Excluded from indirect water are biological water and water added by the manufacturer during processing; for example, an apple contains biological water, and canned ready-to-serve soup contains water added by the manufacturer. The 1994–1996 and 1998 CSFII Food Coding Database contains 11,345 food codes. The food code descriptions contained in USDA's Food Coding Database generally do not indicate where the food was prepared. Therefore, in order to identify indirect water ingestion, the food code description, corresponding recipe, and in some instances, nutrient composition information associated with each of the food codes reported as ingested for the 1994–1996 and 1998 CSFII were reviewed. In order to reflect the composition of the recipes at the time participants were surveyed, the 1994–1996 CSFII Recipe Database was used for individuals sampled in 1994, 1995, and 1996, and the 1994–1996, 1998 CSFII Recipe Database was used for individuals sampled in 1998. A subset of those food codes that contained preparation water was created. A food code was considered to contain preparation water if the food code recipe contained one of the following ingredients: water; an ingredient that had its own recipe that

contained water; brewed coffee or tea; and precooked pasta, rice, cereals, beans, or legumes. The subset of codes that contained preparation water consisted of 7,560 food codes in the 1994–1996 database and 8,235 food codes in the 1994–1996 and 1998 database. The food codes in this subset were then reviewed to identify and exclude those which appeared to be commercial products (such as yogurt, frozen milk desserts, frozen entrees, ready-to-serve soups, ready-to-serve fruitades and drinks, all soft drinks, and other food codes with descriptions identifying brand names). This resulted in a smaller subset of 2,294 food codes for 1994–96 and 1,476 food codes for 1998 which were assumed to contain indirect water. Next, the foods that could reasonably be assumed to have been prepared in final form in the home or by a food service establishment were identified (e.g., foods described as "made from home recipe," orange juice made from concentrate, infant formula made from concentrate, and canned soup with water added). It was assumed that the recipe water in such foods was 100 percent indirect. For some foods, both homemade and commercially prepared varieties were identified under one food code. For these food codes, a "best guess" estimate was made as to the proportion which would have been home-prepared versus commercially processed. For example, it was estimated that 50 percent of pre-cooked beans to be home-prepared and 50 percent to be commercially canned. These allocations are documented in Appendix C1.

When a respondent supplied specific information about ingredients that differed from the standard recipe maintained in the Food Coding Database, this modification was recorded. This flexibility allowed the database to capture the specific type of fat, type of milk, and dilution of foods. For example, if the standard recipe in the Food Coding Database for an infant formula prepared from liquid concentrate calls for a specified amount of water to be added and a respondent reported making the formula with 3 times that amount of water, a recipe modification would be created to allow for this deviation from the standard recipe.

Appendix B1 contains examples for estimating the proportion of indirect water in 100 grams of a food. The ingredient amount as a percent of the prepared product (P%) was calculated for each ingredient of each recipe that contains indirect water using the method provided in USDA guidance examples. Appendix B3 contains these guidance documents. The grams absorbed moisture per 100 grams cooked ingredient (G_am) were calculated for pre-cooked pasta, rice, cereals, beans, and legumes using the total solids method provided by the USDA (see Appendix B2).

Next, the proportion of moisture in 100 grams of food as ingested (P_m) was found in the data. When available, these values were taken from a file (WTR_FC.TXT) provided by the USDA. The WTR_FC.TXT file contains the amounts of water in 100 grams of the CSFII 1994–96, and 1998 foods. These amounts represent both water from survey recipes as well as from ingredients (referred to as PDS ingredients) used in the survey recipes. Adjustments were made by USDA for any moisture and fat losses/gains associated with the recipe in which the PDS codes with water appear. For those recipe ingredients not available in WTR_FC.TXT, the values were calculated as follows:

P_m = (P%)(G_am/100), for pre-cooked pasta, rice, cereals, beans, and legumes
P_m = P%, for water, brewed coffee and tea, and PDS–coded ingredients

Then the proportion of indirect preparation water per 100 grams of food (G_i) was calculated for each ingredient. This was done by multiplying the proportion of moisture in 100 grams of a food as ingested (P_m) by the percentage of that ingredient assumed to be prepared at home or by a food service establishment, and dividing by 100. (See Appendix B1 for examples of these calculations.)

For recipes with indirect water, the ratio of the amount of water to the total grams in the recipe was derived by summing the values of G_i across all ingredients in the recipe. This water ratio was then multiplied by the amount of the given food ingested by the respondent to determine the number of grams of indirect water. Under the assumption that the density of this water is 1, the number of grams of indirect water ingested from foods or beverages was converted to milliliters.

To assign the source of indirect water, several variables were consulted. First, if the RT30 variable FOODSRCE indicated that the source was >1, then the source was assumed to be tap water. If FOODSRCE=1, indicating that the food items were obtained from the store, then it was assumed the recipe was prepared at home. In this case, RT15 variables H2O_COOK or H2O_BEVR were consulted. If the first three digits of the food code indicated that the ingested food was a beverage, then the water source was assigned to the record based on the response to H2O_BEVR. This question asked, “What is the main source of the water used in your home for preparing beverages such as coffee, tea, juices, and baby formula?” The same source allocations in the RT15 variable H2O_DRNK were applied to these records. Likewise, if the first three digits of the food code indicated that the food code was not a beverage, then the source was assigned according to the response to H2O_COOK, which asked, “What is the main source of the water used for cooking in your home?”

Figures 3.1 through 3.4 present flow charts depicting the data conventions for the assignment of water source.

For each of the 20,607 respondents with 2 days of records in the CSFII databases, a daily average ingestion value was determined for each water source and ingestion type (direct, indirect, and both direct and indirect). For subpopulation estimates, if a respondent was a member of the subpopulation but did not report ingestion of the specified water source and ingestion type, then that individual’s average daily amount of water ingested entered the estimation algorithms as zero. These estimates are provided in the tables of this report identified as “all individuals.”

Ingestion (direct, indirect, and both direct and indirect) also was estimated for consumers with 2 days of records in the CSFII databases. Hence, these estimates do not include individuals who reported zero amounts of water ingested from the water source under consideration. These estimates are provided in the tables of this report identified as "Consumer Only."

The convention described in the preceding paragraphs produces individual daily averages in milliliters per person per day. If estimates are required on the milliliters per kilogram body weight per day basis, then the individual’s daily average is divided by the individual’s body weight in kilograms. The milliliters/kilogram body weight daily average for each individual then entered the estimating algorithm described in Section 3.2 and Appendix D, as did the milliliter daily averages.

Internal quality assurance and quality control procedures were used during the calculation of estimates for this report. Algorithm testing was conducted for data procedures. Data subsetting procedures were assessed for quality by intermediate estimates verification. Final tabulated estimates were reviewed for consistency and validity. USDA experts were consulted on data assumptions.

3.2 Statistical Methods

This section summarizes the statistical methods used to generate point and interval estimates of daily average per capita water ingestion. Point estimates include the mean and 1st, 5th, 10th, 25th, 50th, 75th, 90th, 95th, and 99th percentiles. Mean estimates were generated using ratio estimation techniques. The

mean daily average per capita ingestion for a given commodity type was estimated as the ratio of total ingestion by the United States population or subpopulation, divided by the estimate of the total number of individuals in the population or subpopulation. Empirical percentiles were estimated using nonparametric techniques. All estimates incorporated CSFII survey weights to project a sampled individual's ingestion to the population.

The majority of the per capita water ingestion estimates in this report are presented for specific subpopulations and water source. The design of the CSFII survey did not always support estimation of the variance when subpopulations were evaluated. Without a variance estimate, confidence intervals about the mean or bootstrap intervals about percentile estimates cannot be produced. Therefore, the tabulated presentations in Appendix E include only point estimates. However, the survey did support variance, and thus interval estimation, for some subpopulations. These estimates are presented in the key figures of Chapter 4 augmenting tabulated estimates for the all individuals.

When a variance was estimated for the mean per capita ingestion, we estimated the variance of the mean using a Taylor series approximation of the deviation of estimates from their expected values. The Taylor series approximations were applied to ultimate clusters, which resulted in an overall estimate of the variance instead of estimating variance components due to sample-design stages. Appendix D presents the statistical formulae for generating both the mean estimate and the estimate of the confidence interval about the mean. Also provided is the method for generating percentile estimates and estimates of 90 percent bootstrap intervals about the percentile estimates.

All of the CSFII surveys are multistage, stratified-cluster samples. Sample weights, which project the data from a sampled individual to the population, are based on the probability of an individual being sampled at each stage of the sampling design. As mentioned in Chapter 2 of this report, the sample weights associated with each individual reporting 2 days of consumption data were adjusted to correct for nonresponse bias. These adjusted sample weights, which are recorded in the CSFII data in the variable SAM_WT, record the number of individuals the sampled person represents in the population. For example, a sample weight valued as 22 projects the data from the individual with that sample weight to 22 individuals in the population of the 50 United States and the District of Columbia.

Because the sample design contains multiple levels, specific information is necessary to partition the variance-of-the-mean estimate into components. That is, specification of the sample size and population size within each level of sampling is required. However, this information is not inherent in the CSFII data. Rather, the CSFII reports an adjusted sample weight for each individual who reported 2 nonconsecutive days of consumption data during the survey. Given that only the adjusted weight was available, and not the specific sample and population size in each phase, it was necessary to estimate the mean using ratio estimation techniques and the variance of the mean using the ultimate cluster methodology, which does not partition the variance into sample design components (see Appendix D).

Interval estimates for percentiles are bootstrap intervals. The reported bootstrap intervals do not result from direct estimates of the standard deviation of the point estimate. Rather, the bootstrap estimates result from the percentile method, which estimates the lower and upper bounds for the interval estimate by the 100α percentile and $100(1-\alpha)$ percentile estimates from the nonparametric distribution of the given point estimate. This distribution of the observed values of the given point estimate is determined from repeated resampling of the empirical data (see Appendix D).

3.3 Rounding Procedures

Tabulated estimates of per capita ingestion in milliliters were rounded to the nearest whole number. Conventional rounding procedures were applied such that the whole number remained the same if decimal estimates were less than 0.5 and increased by one if the decimal estimate was 0.5 or greater. Whole number presentations do not reflect significant digits as the number of significant digits, is not available for the CSFII.

3.4 Units of Measure Including Conversion Factors

Per capita water ingestion estimates are presented in this report in units of mL/person/day or mL/kg/day. The mL/person/day component reflects that estimates are based on an average of 2 days of ingestion. When the units are mL/kg/day, the average water ingestion over 2 days by an individual is divided by the individual's body weight. Body weight is recorded in the CSFII in pounds (lb). These pounds were converted to kilograms by multiplying the reported body weight by a factor of 0.454 kg/lb.

Survey participants reported the amount of plain water ingested directly as a beverage in fluid ounces. Reported ingestion amounts were multiplied by 29.574 to convert fluid ounces to milliliters. Water ingested indirectly from foods with water added at home or locally during the final stage of preparation was estimated in grams as food consumption, and recipe amounts were reported in the CSFII in grams. These grams of water were converted into milliliters based on the assumption that the specific gravity of water is one for the temperature range of ingested foods.

3.5 Asterisked Estimates

Some estimates recorded in Chapters 4, 5, 6 and 7 are marked with an asterisk. The asterisk indicates that the reported estimate was calculated using the available data but that the number of respondents in the age category was “small.” Estimates based on a small number of respondents may be less reliable statistically than estimates based on larger numbers of respondents. The “Third Report on Nutrition Monitoring in the United States” suggests minimal reporting requirements (LSRO 1995). If the number of respondents in the age category is less than 30*(variance inflation factor), the estimate of the mean water ingestion may be unreliable and is marked with an asterisk. If the value of the calculation (number of respondents in the age category)*(1–percentile) is less than 8*(variance inflation factor), then the percentile estimate may be unreliable and is marked with an asterisk. The variance inflation factor (VIF) is sample design specific. The VIF is quantified as the ratio of the mean of the squared survey weights to the square of the mean of the survey weights. For the combined CSFII data, the VIF is 2.50. This VIF measures the increase in variance of estimates from the CSFII because of differing sample sizes in the different strata of the survey design (CSFII survey documentation, p. 5–4). In accordance with the LSRO-suggested minimum reporting requirements, mean ingestions estimated for age categories with less than 75 respondents are marked with an asterisk. Similarly, percentiles estimated for age categories with less than 20/(1–percentile) respondents are marked with an asterisk and may be statistically unreliable.

Figure 3.1. Water Source Assignment for Direct Water Ingestion

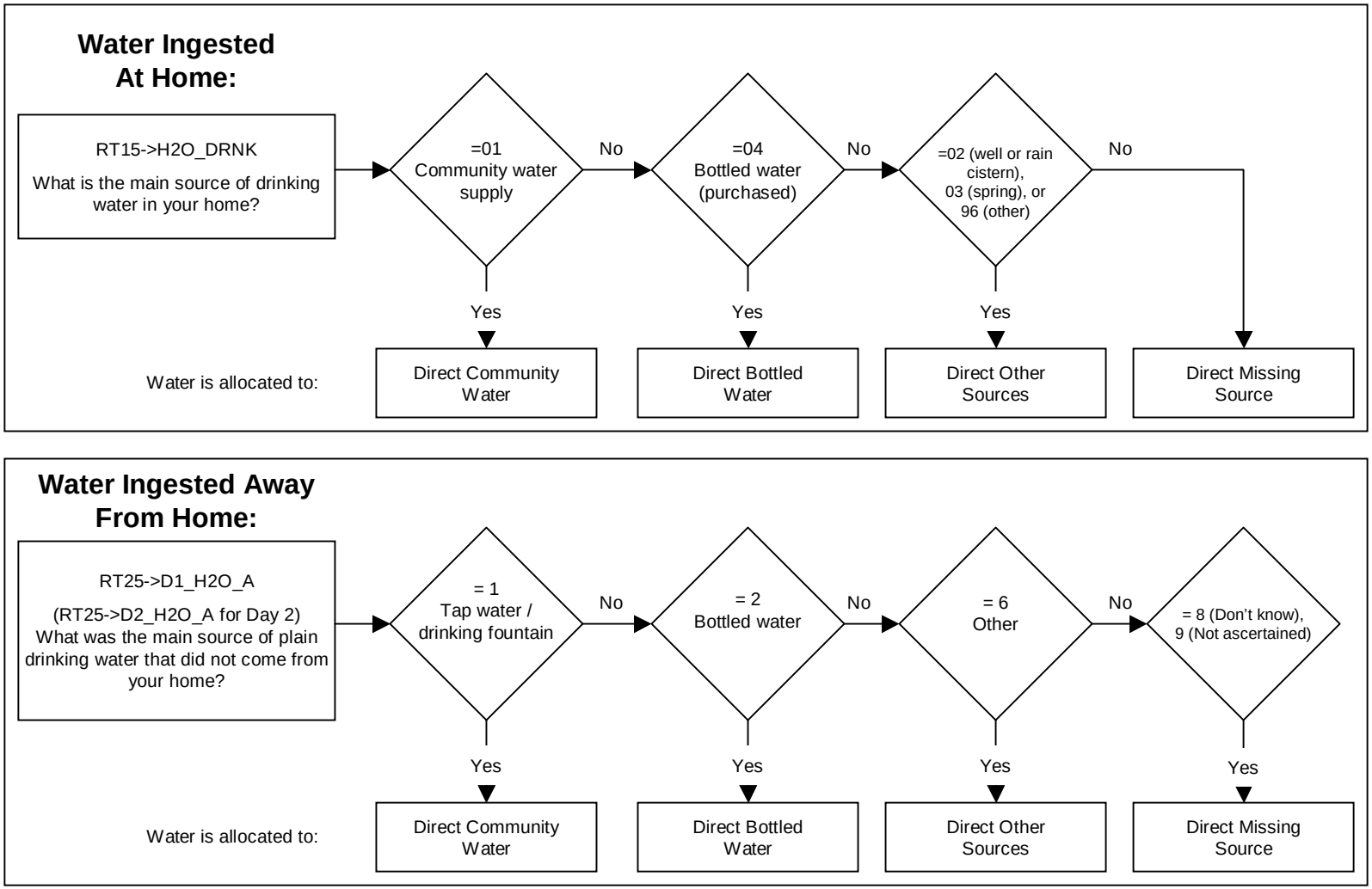


Figure 3.2. Data Conventions for Direct Water Ingestion

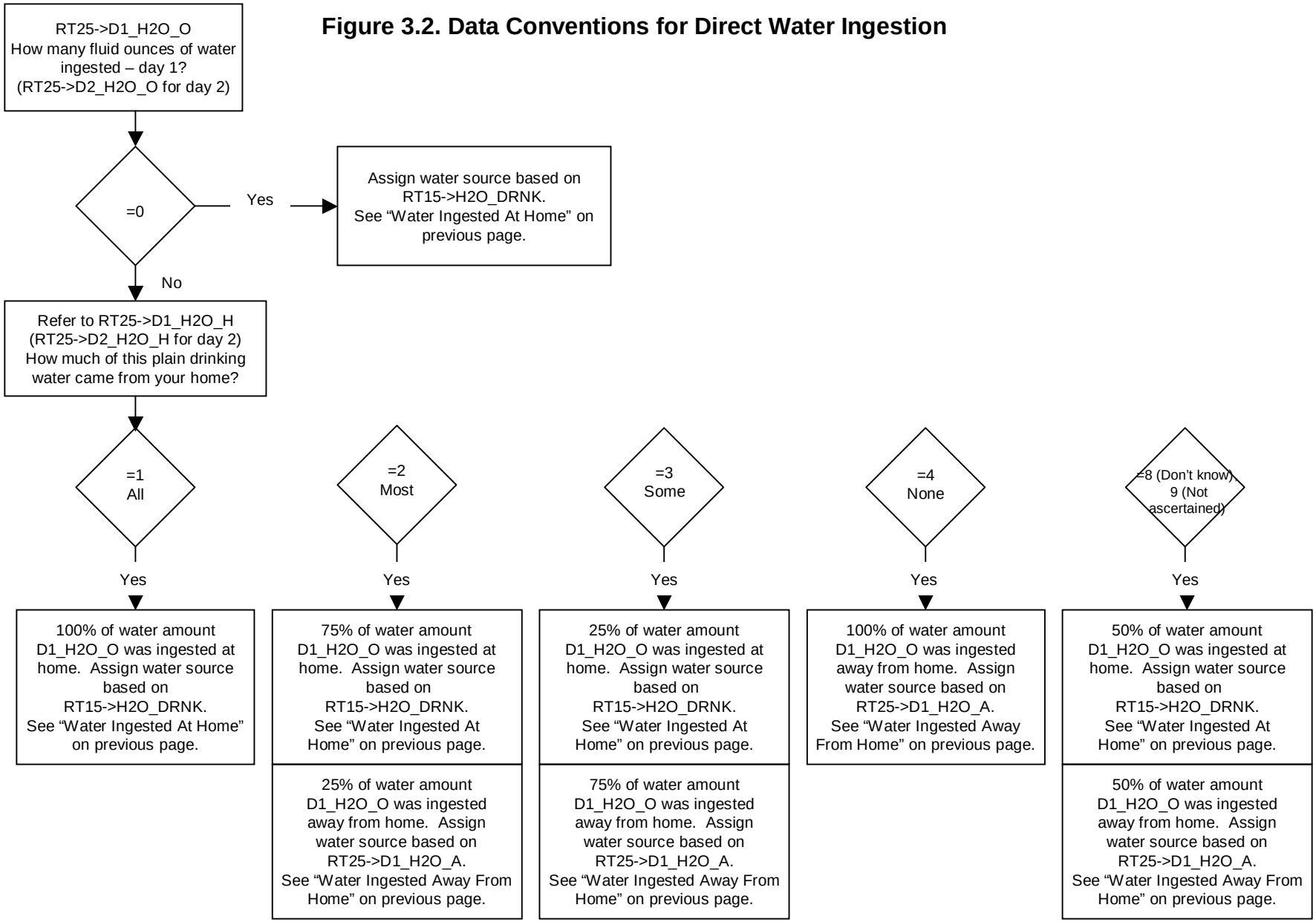


Figure 3.3. Water Source Assignment for Indirect Water Ingestion

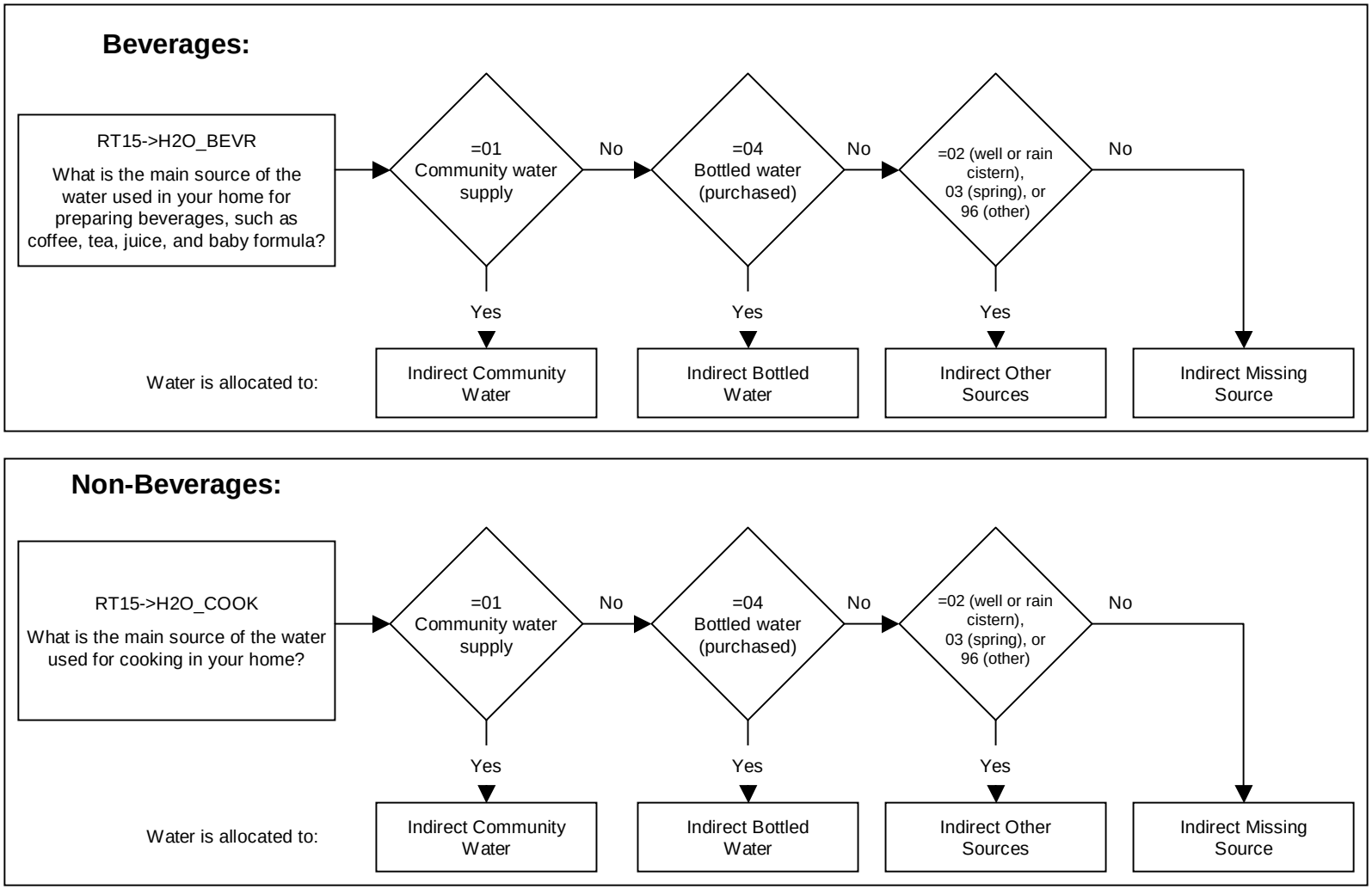
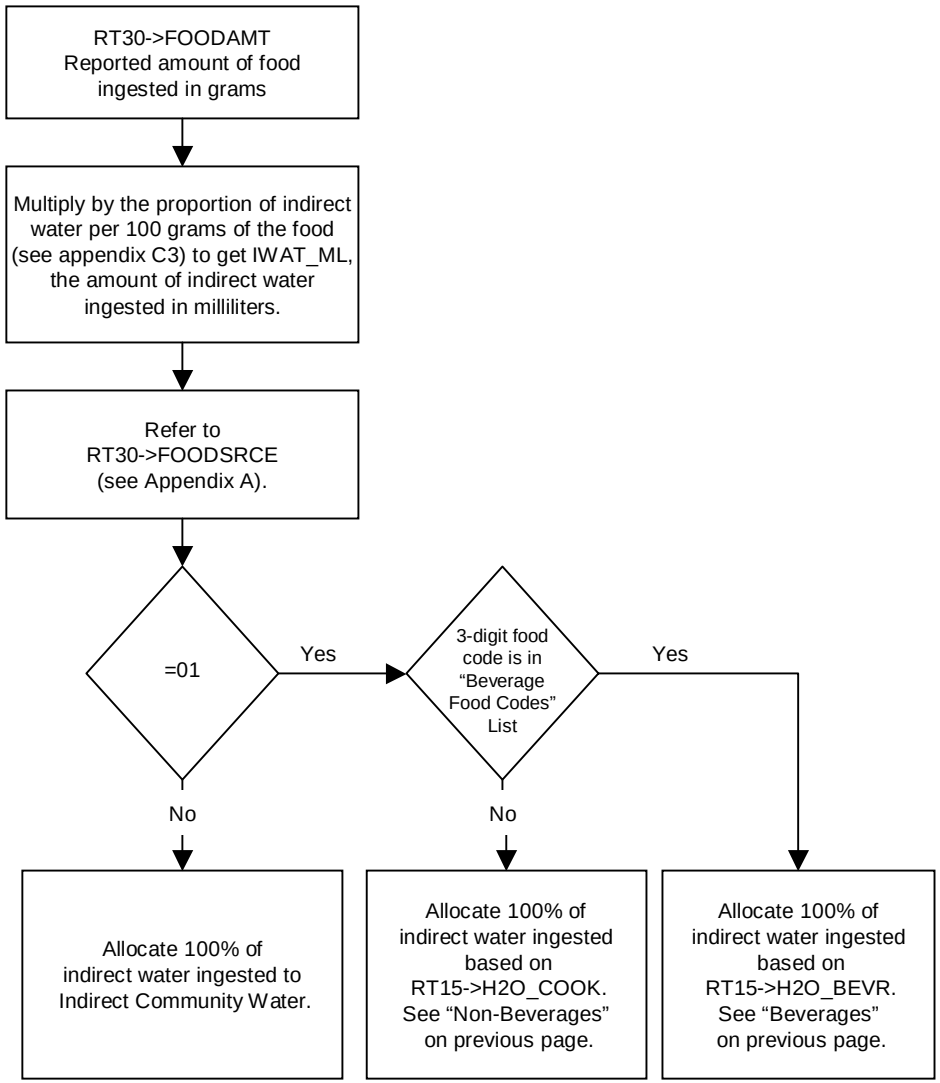


Figure 3.4. Data Conventions for Direct Water Ingestion



BEVERAGE FOOD CODES

110	Milk, human
111	Milk, fluid (regular, filled, buttermilk, and reconstituted)
112	Milk, fluid, evaporated and condensed
113	Milk, fluid, imitation
115	Flavored milk and milk drinks, fluid
117	Infant formulas, fluid, reconstituted concentrate, reconstituted dry, and ready-to-feed
612	Citrus fruit juices
641	Fruit juices, excluding citrus
642	Nectars
644	Vinegar
672	Fruit juice baby food
921	Coffee
922	Coffee substitutes
923	Tea
924	Soft Drinks
925	Fruitades and drinks
926	Beverages, nonfruit
927	Beverages, noncarbonated, without vitamin C, made from powdered mixes
928	Nonalcoholic beers, wines, cocktails
929	Beverage concentrates, dry not reconstituted
931	Beers and ales
932	Cordials and liquers
933	Cocktails
934	Wines
935	Distilled liquors

4. ESTIMATED PER CAPITA WATER INGESTION BY BROAD AGE CATEGORIES

This chapter presents point and interval estimates of the mean, 90th percentile and 95th percentile of per capita daily average water ingestion for select subpopulations. The subpopulation age categories in this chapter are broad as compared to the smaller range of age categories (fine age groups) presented in Chapter 5. We augment tabulated estimates in this chapter with graphical presentations of the empirical distributions of per capita water ingestion estimates for select subpopulations.

Daily average water ingestion estimates were determined from the the combined CSFII 1994–1996 and 1998 data. Compared to our previous report presenting per capita water ingestion estimates from the 1994–1996 CSFII (see U.S. EPA, 2000), the estimates presented in this update for age groups older than 10 years are virtually unchanged. Water ingestion estimates for children 10 years of age and younger (including children younger than 1) and for children aged 1 to 10 years changed as a result of the incorporation of 1998 CSFII data, which increased the sample size of children younger than 10 years of age by more than 5,000 participants.

Because EPA anticipates that per capita ingestion of community water will be of primary interest to the readers of this report, we emphasize these results in Sections 4.1 through 4.4. Since children—especially those under 1 year of age—and pregnant, lactating, and childbearing–age women are considered to be high risk subpopulations, we address estimates for these groups in Sections 4.3 and 4.4, respectively. To reflect changes in consumer behavior since the 1977–1978 survey, which was the basis for Ershow and Cantor's report (1989) on per capita water ingestion estimates, we report per capita ingestion of bottled water from the 1994–96 and 1998 CSFII in Section 4.5. Estimates of total water ingestion across water sources appear in Section 4.6, while Section 4.7 tabulates the percentage of individuals that ingest 2 L of water or less for selected subpopulations.

Tables and figures of estimates are presented for all individuals and for "consumers only" by source and type of ingestion. Sources of ingested water include community water, bottled water, other sources, and total water (all sources combined). Other sources include a household well, household rain cistern, household or public spring and other sources. Types of ingestion are direct for plain water ingested as a beverage, indirect for ingestion of the water added to foods and beverages during final preparation at home or by food service establishments such as school cafeterias and restaurants, and both direct and indirect for combined direct and indirect water ingestion. Water found naturally in foods (biological) and water added by manufacturers (commercial) are excluded from these estimates of water ingestion. Estimates are provided in both units of milliliters/person/day (mL/person/day) and milliliters/kilogram of body weight/day (mL/kg/day).

Refer to Appendix E for a more comprehensive set of empirical distributions of estimated per capita water ingestion. Appendix E provides point estimates of the mean, and 1st, 5th, 10th, 25th, 50th, 75th, 90th, 95th and 99th percentiles from the empirical distribution of daily average per capita water ingestion.

It should be noted that the dispersion among sampled individuals for some subpopulations across CSFII estimation strata did not always support generation of variance estimates. In these instances there were either no or one data point in a variance estimation unit. This precluded the application of the statistical estimation method described in Appendix D. Therefore, the following discussions will point out

differences in mean per capita ingestion between subpopulations, but these differences are a quantitative statement and do not necessarily imply statistical differences. Without variance estimates about the means of the subpopulations, we cannot perform formal statistical tests to ascertain whether means for various subpopulations differ statistically.

4.1. Estimated Per Capita Ingestion of Community Water

Daily average per capita ingestion of community water, across age groups, are discussed in Section 4.1. Subsections "a" and "b" characterize community water ingestion estimates in units of mL/person/day for the U.S. population and for "consumers only," respectively. Estimated ingestion in units of mL/kg/day for all individuals and "consumers only" appear in Section 4.1.c. Finally, community water ingestion estimates for broad age categories are addressed in Section 4.1.d.

4.1.a. Ingestion of Community Water by All Individuals (mL/person/day)

For the general population, the children added to the CSFII sample by the 1998 data collection have little effect on the overall estimated mean daily average per capita community water ingestion. The mean daily average of estimated per capita community water ingestion is 926 mL/person/day. This average estimate projects to the population of the United States. The estimated 90 percent confidence interval about the mean is 903–949 mL/person/day. The estimated 90th percentile from the empirical distribution of daily average per capita community water ingestion is 2.014 L. A 90 percent bootstrap interval about the 90th percentile intake estimate for all individuals is 1.996 L to 2.048 L. The method for estimating bootstrap intervals is described in Appendix D. Ninety-five percent of all individuals ingest 2.544 L or less of community water per day. The 90 percent bootstrap interval about this estimate is 2.500–2.584 L (see Table 4.1.A).

Figure 4.1.F1 depicts the empirical cumulative distribution of daily average per capita community water ingestion for all individuals based on the complete 1994–1996 and 1998 data. Considering that the 5th percentile estimate from this empirical distribution is zero and the 95th percentile estimate is 2.544 L (see Appendix E, Part I, Table A.1), the empirical distribution is skewed. Observe that the estimated mean is 926 mL/person/day, while the estimated median is 710 mL/person/day. This suggests that the mean estimate and shape of the distribution are influenced by survey respondents ingesting either no or a very little amount of water or very large volumes of water. Figure 4.1.G1 displays a histogram of daily average per capita community water estimates. This histogram shows the positively skewed shape of the data and illustrates that most of the daily average ingestion reported by CSFII respondents are less than 2 L. The bar with the midpoint of 1.575 L has an upper value of 1.890 L. This upper value is between the estimated 80th and 90th percentiles of the empirical distribution.

4.1.b. Ingestion of Community Water by "Consumers Only" (mL/person/day)

Since 5 percent of all the individuals older than 1 year of age and 25 percent of the infants younger than 1 were reported to have zero community water ingestion (see Appendix E, Part 1, Table A.1), it is important to pay attention to the group "consumers only," comprised of respondents who drank water at least once during the 2-day survey. "Consumers only" estimates exclude individuals who did not report drinking water during the 2-day survey period. The mean daily average of estimated per capita ingestion of community water for "consumers only" is 1.0 L/person/day (the 90 percent confidence interval is 977 mL/person/day to 1.023 L/person/day). The estimated 90th percentile from the empirical distribution of

daily average per capita community water ingestion for "consumers only" is 2.069 L (90 percent bootstrap interval is 2.026 to 2.130 L/person/day) (see Table 4.2.A). Figure 4.2.F portrays the empirical cumulative distribution of daily average per capita community and total water ingestion for consumers.

One point of clarification regarding the histograms (see Figures 4.1.G1, 4.1.G2, 4.2.G1, and 4.2.G2) is necessary. Amounts printed along the x–axis are midpoint values for all the bars except the first two. That is, the width of the third bar and beyond is 630 mL. The first bar for Figures 4.1.G1 and 4.1.G2 represents nonconsumers (respondents with zero reported water ingestion or with missing ingestion) and respondents with minimal ingestion. In this case, minimal ingestion is more than zero but less than 157.5 mL/day. The second bar represents ingestion of greater than 157.5 mL/day but less than 630 mL/day. Therefore, the first two bars together represent ingestion of 630 mL/day or less. All other bars are each intervals of 630 mL/day. Bars are defined similarly for Figures 4.2.G1 and 4.2.G2 for consumers except that the first bar only represents respondents with minimal ingestion defined as more than zero but less than 157.5 mL/day.

4.1.c. Ingestion of Community Water (mL/kg/day)

The mean ingestion of community water for the United States population, reported in units per kilogram of body weight, remains 16 mL/kg/day (90 percent confidence interval is 15 to 16 mL/kg/day) (see Table 4.1.B2). For "consumers only," the mean ingestion of community water is 17 mL/kg/day (90 percent confidence interval is 16 to 17 mL/kg/day) (see Table 4.2.B2). The 90th percentile from the empirical distribution of daily average per capita ingestion of community water for all individuals is 32 mL/kg/day (see Table 4.1.B2), and for "consumers only" it is 33 mL/kg/day (see Table 4.2.B2).

4.1.d. Ingestion of Community Water by Age (mL/person/day)

In the United States population, individuals 20 years and older ingest an average of 1.098 L (the 90 percent confidence interval is 1.068–1.127 L) of community water per day. This is followed by individuals 11 to 19 years old who ingest an average of 684 mL daily (the 90 percent confidence interval is 634 to 733 mL), children 1 to 10 years old who ingest an average of 395 mL daily (the 90 percent confidence interval is 378 to 412 mL/person/day), and children less than 1 year old who ingest an average of 327 mL daily (the 90 percent confidence interval is 307 to 347 mL/person/day) (see Table 4.1.B1).

Caretakers for more than 25 percent of the children under 1 year of age reported zero community water ingestion for that age group (see Appendix E, Part 1, Table A.1). It is assumed that these zero consumers are ingesting mostly biological water (such as is present in milk) or commercial water (present in undiluted juice or formula) that are not included in these estimates.

Results for "consumers only" by age category are similar. Individuals 20 years or older ingest an average of 1.176 L of community water per day (the 90 percent confidence interval is 1.148–1.204 L/person/day). Young adults 11 to 19 years old ingest an average of 736 mL/person/day (the 90 percent confidence interval is 684 to 787 mL/person/day), children 1 to 10 years of age ingest an average of 431 mL/day (the 90 percent confidence interval is 414 to 449 mL/day), and children under 1 year of age ingest an average of 502 mL/day (the 90 percent confidence interval is 479 to 524 mL/day). The estimated 90 th percentile ingestion for children under one year of age is 976 mL/person (see Table 4.2.B1) .

4.2. Estimates of Per Capita Community Water Ingestion by Gender

Maintaining the same broad age categories presented in Section 4.1, this section reports daily average per capita ingestion estimates of community water by gender.

4.2.a. Ingestion of Community Water by Gender (mL/person/day)

Similar to our previous report (U.S. EPA, 2000), the mean community water ingested by males is statistically significantly higher than that ingested by females in all age categories except for children younger than 1 year and children 1 to 10 years of age (see Table 4.1.C1 and Fig.4.1.C1). The highest mean per capita ingestion of community water by males is found in the 20 years and older age group. The mean for this group is 1.162 L/person/day and the 90th percentile is 2.337 L/person/day. For females 20 years of age and older, the mean daily average estimated per capita community water ingestion is 1.039 L, while the 90th percentile estimate is 2.126 L. For males and females in all age groups younger than 20 years of age the 90th percentile estimates are all less than 2 L/person/day.

Similarly, the above results are confirmed by "consumers only" estimates. The male consumers ingest more community water on average than female consumers (see Table 4.2.C1 and Figure 4.2.C1). Male consumers 20 years and older have the highest estimated mean per capita ingestion (1.242 L). The 90th percentile estimate of daily average per capita community water ingestion for male consumers 20 years and older is 2.387 L. The daily average per capita community water ingestion for female consumers 20 years and older is 1.116 L, and the 90th percentile estimate is 2.165 L. The difference in means between the two genders for individuals 20 years and older is 126 mL or 4.2 fluid ounces. Ninetieth percentile estimates are less than 2 L/person/day for male and female consumers in all age groups younger than 20 years old.

4.2.b. Ingestion of Community Water By Age and Gender (mL/kg/day)

For all individuals, the lowest estimated mean daily average per capita ingestion of community water, reported per kilogram of body weight, is 12 mL/kg/day for individuals aged 11 to 19 years. The highest estimated mean daily average per capita ingestion is 46 mL/kg/day for children less than 1 year of age. Adults 20 years and older have a mean daily average per capita ingestion of 15 mL/kg/day, and children one to ten years old have a mean daily average per capita ingestion of 19 mL/kg/day (see Table 4.1.B2). This pattern is similar for "consumers only" (see Table 4.2.B2). Thus, based on per kilogram body weight, the infants less than 1 year of age ingest approximately three to four times the estimated amount of community water as the adult 20 years or older.

Males and females in the U.S. population have similar mean daily average per capita ingestion, reported per kilogram of body weight, from community water. Females have the same or higher mean ingestion than males for all age groups except for individuals 11 to 19 years of age (11 mL/kg/day versus 13 mL/kg/day) (see Table 4.1.C2). The comparison between mean ingestion estimates for male and female consumers is similar (see Table 4.2.C2).

4.3. Per Capita Estimates of Community Water Ingestion By Children Younger Than One Year of Age

While children younger than 1 year of age ingest the lowest amount of community water when compared to other age groups, the mean ingested amount is the highest for children under 1 year of age

when estimates are normalized by body weight. Section 4.3.a presents estimates in units of mL/person/day while body weight normalized estimates appear in Section 4.3.b.

4.3.a. Ingestion of Community Water for Children Younger Than One Year of Age (mL/person/day)

The age group with the lowest estimated mean ingestion of direct and indirect community water for both genders is children less than 1 year of age. This is also the only age group where the estimated mean per capita ingestion by females (347 mL) is higher than that for males (308 mL) (see Table 4.1.C1). Similarly, female consumers less than 1 year of age have a higher estimated mean per capita ingestion of community water than male consumers (515 mL/day versus 488 mL/day) (see Table 4.2.C1). However, the difference between estimated gender means for children younger than 1 year of age is not considered statistically significant because the estimated 90 percent confidence interval for mean water ingested by females (486–543 mL/person/day) overlaps that for males (454–522 mL/person/day).

4.3.b. Ingestion of Community Water for Children Younger Than One Year of Age mL/kg/day)

Children younger than 1 year of age have an estimated per capita mean ingestion of community water of 46 mL/kg/day, the highest of the age categories. This compares to the mean estimated value of 16 mL/kg/day of community water ingested by all individuals (see Table 4.1.B2). Likewise, consumers less than 1 year of age have the highest estimated mean ingestion, 71 mL/kg/day. The estimated mean for all consumers (all ages) is 17 mL/kg/day. Therefore, infants younger than one year of age ingest approximately three to four times the estimated amount of community water than do individuals in all age groups (see Table 4.2.B2).

4.4. Per Capita Ingestion of Community Water for Women in Childbearing Years

Women aged 15 through 44 are classified in this report as being in childbearing years. Estimated water ingestion for these women are further delineated by pregnant and lactating women and their nonpregnant and nonlactating cohorts. Section 4.4a characterizes estimated daily average per capita ingestion of community water in units of mL/person/day. Units recorded in Section 4.4b are mL/kg/day.

4.4a. Estimated Ingestion of Community Water for Women in Childbearing Years in (mL/person/day)

On average, lactating women ingest the largest per capita amount of community water. The estimated mean daily average ingestion by lactating women is 1.379 L, while the means for pregnant women and the nonpregnant and nonlactating women in childbearing years are 819 mL and 916 mL, respectively. The 75th percentile estimate for lactating women exceeds 2 L (2.263 L) compared to 1.264 L for their nonpregnant and nonlactating cohorts of childbearing age. The 90th percentile daily average per capita ingestion by lactating women is estimated to be 2.872 L, as compared to the estimated 90th percentile of 1.953 L ingested by nonpregnant and nonlactating women in childbearing years. The 90th percentile estimate from the empirical distribution of daily average per capita ingestion of community water by pregnant women is 1.815 L. The 95th percentile estimates from the empirical distributions of daily average per capita ingestion of community water for pregnant women, lactating women, and nonpregnant and nonlactating women aged 15 to 44 are 2.503 L, 3.434 L, and 2.575 L, respectively (see Table 4.1.E

and Appendix E, Part I, Table A.3).

Similarly, for "consumers only," lactating women ingest more water than do pregnant women or nonpregnant and nonlactating women of childbearing age. The estimated mean daily average ingestion of community water for "consumers only" lactating women is 1.665 L, for pregnant women it is 872 mL, and for nonpregnant and nonlactating women of childbearing age it is 976 mL. As noted above, the 75th percentile estimate of ingestion for "consumers only" lactating women exceeds 2 L/day (2.417 L/day), compared to 1.301 L/day for nonpregnant and nonlactating women of childbearing age and 1.424 L/day for pregnant women. The 90th percentile estimate of ingestion for "consumers only" exceeds 2 L/day for both lactating women and nonpregnant and nonlactating women of childbearing age (2.959 L and 2.013 L, respectively). The 95th percentile estimates of daily average per capita ingestion of community water for pregnant consumers, lactating consumers, and nonpregnant and nonlactating consumers aged 15 to 44 are 2.589 L, 3.588 L, and 2.614 L, respectively (see Table 4.2.E and Appendix E, Part III, Table A.3).

4.4.b. Estimated Community Water Ingestion in Units of mL/kg/day

When estimates are reported for all women of childbearing age in units of milliliter per kilogram of body weight per day, the mean ingestion of community water by lactating women also is the highest at 21 mL/kg/day. Pregnant women have the lowest mean ingestion of community water with an estimated mean of 13 mL/kg/day. Nonpregnant and nonlactating women in childbearing years have an estimated mean ingestion of 14 mL of community water/kg/day. The 90th and 95th percentiles from the empirical distribution of daily average per capita ingestion of community water per kilogram of body weight for lactating women both exceed 50 mL/kg/day. Ninetieth percentile estimates for pregnant women and nonpregnant and nonlactating women in childbearing years are both 31 mL/kg/day, while the 95th percentile estimates from these two distributions are 43 and 38 mL/kg/day, respectively (see Appendix E, Part II, Table A.3).

The estimated mean per capita ingestion of community water is 26 mL/kg/day for lactating consumers, 14 mL/kg/day for pregnant consumers, and 15 mL/kg/day for nonpregnant and nonlactating female consumers aged 15 to 44. The estimated 90th and 95th percentiles of daily average per capita ingestion per kilogram of body weight for lactating consumers both exceed 50 mL/kg/day. Ninetieth percentile estimates for pregnant consumers and nonpregnant and nonlactating female consumers aged 15 to 44 are 33 mL/kg/day and 32 mL/kg/day, respectively, while the 95th percentile estimates from these two groups are 43 mL/kg/day and 38 mL/kg/day (see Appendix E, Part IV, Table A.3).

4.5. Ingestion of Bottled Water and Water from Other Sources

The 1994–1996 and 1998 CSFII asked participants the source of their drinking water. One answer choice was bottled water. Section 4.5 summarizes daily average per capita ingestion estimates of bottled water and water from other noncommunity sources. Within Section 4.5.a, estimates of bottled water and water from other noncommunity sources are discussed for all individuals, both in units of milliliter per person per day and in ingestion units normalized for body weight. Section 4.5.b characterizes estimated bottled water and other noncommunity water ingestion for "consumers only."

4.5.a. Ingestion of Bottled Water and Water from Other Sources (All Individuals)

Based on the latest analyses, mean per capita ingestion of bottled water for the United States

population is estimated to be 163 mL. The addition to the overall sample of more than 5,000 children younger than 10 years of age in the CSFII 1998 survey resulted in very little change in the estimates of bottled water and other water ingestion for the general population (all ages). The estimated mean daily average per capita ingestion of bottled water from the 1994 through 1996 CSFII data was 161 mL/person/day. With the addition of the 1998 CSFII data, as stated above, the estimated mean daily average per capita ingestion of bottled water is 163 mL/person/day. This represents a 1 percent increase that is not considered statistically significant.

The 90th and 95th percentile estimates from the empirical distribution of daily average per capita ingestion of bottled water for the United States population are 592 mL and 1,059 mL, respectively (see Table 4.1.A). The estimated mean ingestion of water from other sources by the United States population is 128 mL/person/day. Ninetieth and 95th percentile estimates of per capita ingestion of water from other sources are 345 mL and 1,008 mL, respectively (see Table 4.1.A). Other sources include water from wells, rain cisterns, springs, and sources identified by respondents as "other." Comparing the mean daily average per capita ingestion of bottled water and water from other sources to total water ingestion regardless of sources (1.233 L) suggests that 13 percent of total water ingestion is attributable to bottled water, while 10 percent is attributable to water from other sources. Community water comprises 75 percent of the total water ingestion by individuals in the United States population.

When estimated across age groups, the mean daily average per capita ingestion of bottled water by kilogram of body weight is 3 mL/kg/day. This is true for both genders. The estimated empirical percentiles of bottled water ingestion for all individuals (see Appendix E, Parts I and II, Table B.1) illustrate that more than 75 percent of respondents do not ingest bottled water, either directly as a beverage or indirectly from foods. The estimated mean indirect ingestion of bottled water is higher than that ingested directly as a beverage for children younger than 1 year of age (see Appendix E, Parts I and II, Table B.1). Across genders, the estimated mean of directly ingested bottled water for children younger than one year of age is 23 mL/person/day, while the estimated mean indirect ingestion for this age group is 93 mL/person/day. Normalized by body weight, children younger than 1 year of age directly ingest a mean daily average of 3 mL bottled water/kg/day, while the estimated mean indirect ingestion is 14 mL/kg/day. In that group, bottled water is most probably used to hydrate powered formula. Ingestion through this route is considered indirect. For all other age groups, estimates of directly ingested bottled water are higher than those estimated for indirect ingestion from foods and beverages.

Table B.3 of Appendix E, Part II shows that pregnant women ingest bottled water at an estimated rate of 5 mL/kg/day. For lactating and nonpregnant and nonlactating women in childbearing years, the estimated mean ingestion of bottled water is 3 mL/kg/day. In general, empirical estimates of bottled water ingestion for pregnant women are higher than those for their cohorts.

4.5.b. Estimated Ingestion of Bottled Water and Water from Other Sources ("Consumers Only")

Daily average per capita ingestion of bottled water for consumers is estimated to be 736 mL/person. The 90th and 95th percentile estimates of ingestion for consumers of bottled water are 1.567 L/person/day and 1.964 L/person/day, respectively (see Table 4.2.A). The daily average per capita ingestion of water for consumers from other sources is 963 mL. The 90th and 95th percentile estimates of daily per capita ingestion are 1.970 L and 2.468 L, respectively (see Table 4.2.A). Adult male consumers 20 years of age and older ingest an average of 10 mL/kg/day of bottled water while female adult consumers in the same age group ingest, on average, 13 mL/kg/day of bottled water.

The highest estimated mean ingestion of bottled water by "consumers only," normalized by body weight, is for children younger than 1 year of age. Again, the mean estimated indirect ingestion of bottled water for these consumers exceeds that of direct ingestion for this age group. The estimated mean per capita indirect ingestion of bottled water for consuming children younger than 1 year of age is 85 mL/kg/day while the estimate mean direct ingestion of bottled water by consuming children is 17 mL/kg/day (see Appendix E, Part IV, Table B.1). Pregnant women who consume water ingest an average of 12 mL/kg/day of bottled water directly as a beverage. This compares to directly ingested averages of 6 mL/kg/day and 11 mL/kg/day for lactating and nonpregnant and nonlactating women in childbearing years, respectively (see Appendix E, Part IV, Table B.3).

4.6. Estimated Per Capita Total Water Consumption

This section summarizes per capita total water ingestion estimates across sources of water. Estimates include waters ingested directly as beverages and indirectly through food and drink. Section 4.6.a characterizes ingestion estimates for all individuals while estimates for "consumers only" are discussed in Section 4.6.b.

4.6.a. Ingestion of Total Water by All Individuals

The mean estimate of total water ingestion (ingestion of water from all sources) for the general population is 1.233 L/person/day (the 90 percent confidence interval is 1.200–1.265 L/person/day). The estimated 90th and 95th percentiles of the empirical distribution of daily average per capita ingestion are 2.341 L and 2.908 L/person/day, respectively (see Table 4.1.D1). Approximately 85 percent of the U.S. population ingests 2 L or less per day of total water (see Figure 4.1.F2).

For children younger than 1 year of age, the estimated mean ingestion of total water is 488 mL/person/day (the 90 percent confidence interval is 464–512 mL/person/day). The 90th and 95th percentiles of total water ingestion are 993 mL/person/day (the 90 percent bootstrap interval is 960–1,032 mL/person/day) and 1.209 L/person/day (the 90 percent bootstrap interval is 1.142–1.303 L/person/day), respectively. The mean value of the daily total water ingestion for a child 1 to 10 years old is 531 mL/person/day (the 90 percent confidence interval is 513–550 mL/person/day). The 90th and 95th percentiles of total water ingestion are 1.022 L/person/day (the 90 percent bootstrap interval is 994–1,037 mL/person/day) and 1.257 L/person/day (the 90 percent bootstrap interval is 1.227–1.301 L/person/day), respectively (see Table 4.1.D1). Thus, similar to our previous report (U.S. EPA, 2000), approximately 90 percent of children 10 years of age or younger consume less than or equal to the default value of 1 L per day.

4.6.b. Ingestion of Total Water by "Consumers Only"

The most conservative water ingestion distributions for the 2-day average per capita ingestion of water from all sources (excluding commercial and biological water) are by "consumers only." The estimated means and percentile distributions of the 11 to19 year-old, the adults (age 20 and older) and the general population (all ages) are similar to our prior report (U.S. EPA, 2000). The estimated mean for the general population is 1.242 L/person/day (the 90 percent confidence interval is 1.210–1.274 L/person/day).

The 90th and 95th percentiles are 2.345 L/person/day (the 90 percent bootstrap interval is 2.284–2,403 L/person/day) and 2.923 L/person/day (the 90 percent bootstrap interval is 2.842–2.997 L/person/day),

respectively (see Table 4.2.D1). Approximately 84 percent of "consumers only" ingest an amount less than or equal to the default value of 2 L per day when considering total water (see Figure 4.2.F2). For "consumer only" infants younger than 1 year old, the estimated mean ingestion of total water is 580 mL/person/day (the 90 percent confidence interval is 557–604 mL/person/day). The 90th and 95th percentiles are 1.038 L/person/day (the 90 percent bootstrap interval is 1.008–1.071 L/person/day) and 1.280 L/person/day (the 90 percent bootstrap interval is 1.177–1.314 L/person/day), respectively. For "consumer only" children 1 to 10 years of age, the estimated mean ingestion of total water is 536 mL/person/day (the 90 percent confidence interval is 517–555 mL/person/day). The 90th and 95th percentiles are 1.024 L/person/day (the 90 percent bootstrap interval is 987–1,065 mL/person/day) and 1.258 L/person/day (the 90 percent bootstrap interval is 1.184–1.336 L/person/day), respectively (see Table 4.2.D1). Therefore, even by the most conservative estimate (i.e., water from all sources and excluding the zero consumers), 90 percent of all children 10 years or younger ingest an amount less than or equal to the default value of 1 L of water per day.

4.7. Estimates of the Percentage of Select "Consumers Only" Subpopulations Who Ingest Two Liters or Less Per Day

Figures 4.3.A and 4.3.B illustrate empirical cumulative distribution functions for daily average per capita ingestion of community water and total water, respectively. Units are mL/person/day. The cumulative distribution functions for per capita water ingestion by select subpopulations of "consumers only" are overlaid on each graph. From the empirical distributions of daily average per capita ingestion for select subpopulations of adults, we determined the percentage of individuals who ingest 2 L or less of water. Tabulated estimates are provided for both community water and total water for "consumers only" and all individuals. For both sources of water, percentages are estimated using combined direct and indirect ingestion.

When performing risk assessment analyses, a common practice has been to use 2 L per person per day as a default value for water ingestion. The value of 2 L per person per day corresponds to the approximate 85th percentile of the cumulative distribution of per capita direct and indirect total water ingestion for all individuals (see Figure 4.1.F2) and the approximate 84th percentile of per capita direct and indirect total water ingestion for "consumers only" (see Figure 4.2.F2). Various subpopulations are often the focus of risk assessments where water ingestion is a critical variable. In such cases, the question of which percentile the default value corresponds to on the subpopulation cumulative distribution invariably arises. Table 4.3 presents estimated percentages of adult males and adult females 20 years of age and older who ingest 2 L or less of water per day. Percentage estimates also are presented for women in the childbearing years of 15 to 44. For this age group, the table records estimated percentages of women who ingest 2 L of water or less per day for the subpopulation of pregnant women, lactating women, and their nonpregnant and nonlactating cohort.

While an estimated 82 percent of women 20 years of age and older ("consumers only") ingest 2 L or less of total water per day, 38.5 percent of lactating women (1-(61.5/100)) "consumers only" ingest a daily average of more than 2 L of total water. For female "consumers only" aged 20 years and older, an estimated 87 percent ingest 2 L of community water or less per day. This percentage is much higher than the 60 percent of lactating women consumers who ingest 2 L or less of community water per day.

When viewed as daily average per capita consumption, males aged 20 and older ingest larger amounts of water than females in this age group. Therefore, it is expected that a smaller percentage of males 20 years of age and older will ingest 2 L of water or less per day than females in that age group. Table 4.3

shows this expectation to be true. For example, approximately 84 percent of male consumers aged 20 and older ingest 2 L of community water per day or less, while 87 percent of female consumers in the same age group ingest 2 L of community water or less per day. This relationship holds true for community water and total water ingestion for both all individuals and "consumers only."

Approximately 84 percent of adult male "consumers only" ingest 2 L or less of community water per day, while an estimated 76 percent of adult male "consumers only" ingest 2 L or less of total water per day. Percentage estimates do not change appreciably when all individuals are considered.

Table 4.3. Estimated Percentage Of Individuals From Selected Subpopulations Who Ingest a Mean Daily Average of 2 Liters or Less of Direct and Indirect Water

SUBPOPULATION	COMMUNITY WATER		TOTAL WATER	
	All Individuals	Consumers Only	All Individuals	Consumers Only
Males 20+ years	84.69%	83.64%	76.13%	76.01%
Females 20+ years	87.80%	86.85%	81.64%	81.60%
Pregnant Women	91.32%	90.76%	83.99%	83.99%
Lactating Women	66.55%	59.64%	61.51%	61.51%
Nonpregnant, nonlactating women ages 15–44	90.35%	89.71%	85.31%	85.13%

Table 4.1.A. Estimated Direct and Indirect Water Ingestion
By Source
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Source	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Community Water	20,607	261,897,236	926	903	949	2,014	1,996	2,048	2,544	2,500	2,584
Bottled Water	20,607	261,897,236	163	148	178	592	576	644	1,059	1,006	1,065
Other Sources	20,607	261,897,236	128	101	155	345	294	395	1,008	932	1,110
Missing Source	20,607	261,897,236	16	12	19	-	-	-	-	-	-
All Sources	20,607	261,897,236	1,233	1,200	1,265	2,341	2,303	2,377	2,908	2,812	2,975

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 14:15 m:\PW\OSTWATER\REQ007\R007_1A.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.1.B1. Estimated Direct and Indirect Community Water Ingestion
By Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
< 1	1,486	3,822,361	327	307	347	872	855	883	1,031	993	1,056
1-10	8,157	40,109,314	395	378	412	892	857	946	1,116	1,075	1,162
11-19	1,641	33,553,936	684	634	733	1,534	1,462	1,578	1,947	1,843	2,013
20 +	9,323	184,411,625	1,098	1,068	1,127	2,224	2,178	2,285	2,801	2,707	2,869
All ages	20,607	261,897,236	926	903	949	2,014	1,996	2,048	2,544	2,500	2,584

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 29OCT02 12:47 m:\PW\OSTWATER\REQ007\R007_1B1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.1.B2. Estimated Direct and Indirect Community Water Ingestion
By Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
< 1	1,422	3,661,161	46	43	49	125	123	131	161	149	171
1-10	7,661	37,857,904	19	18	20	42	41	43	55	53	56
11-19	1,606	33,008,320	12	11	13	26	24	27	33	32	35
20 +	9,161	181,055,224	15	15	15	31	31	31	39	38	39
All ages	19,850	255,582,609	16	15	16	32	32	33	43	41	44

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 11NOV02 16:36 m:\PW\OSTWATER\REQ007\R007_1B2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 4.1.C1. Estimated Direct and Indirect Community Water Ingestion
By Gender and Age Categories
All Individuals

Age	Sample Size	Population	Mean Estimate (Milliliters/Person/Day)	Mean 90% C.I. Lower Bound	Mean 90% C.I. Upper Bound	90th percentile Estimate	90th percentile 90% B.I.** Lower Bound	90th percentile 90% B.I.** Upper Bound	95th percentile Estimate	95th percentile 90% B.I.** Lower Bound	95th percentile 90% B.I.** Upper Bound
a. Female											
< 1	763	1,920,275	347	321	373	860	849	906	1,030	1,008	1,102
1-10	4,008	19,501,138	384	362	406	868	831	939	1,087	1,035	1,132
11-19	825	16,495,997	592	549	635	1,313	1,257	1,462	1,745	1,570	1,908
20 +	4,572	96,012,199	1,039	1,005	1,072	2,126	2,041	2,196	2,652	2,542	2,773
All ages	10,168	133,929,609	879	854	903	1,932	1,870	1,995	2,419	2,318	2,485
b. Male											
< 1	723	1,902,086	308	281	334	876	856	891	1,028	976	1,071
1-10	4,149	20,608,176	405	387	423	910	883	946	1,134	1,075	1,162
11-19	816	17,057,939	772	706	838	1,658	1,526	1,782	2,015	1,951	2,346
20 +	4,751	88,399,426	1,162	1,125	1,199	2,337	2,296	2,388	2,935	2,843	3,106
All ages	10,439	127,967,627	975	944	1,006	2,113	2,057	2,153	2,660	2,590	2,740

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 11:01 m:\PW\OSTWATER\REQ007\R007_1C1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.1.C2. Estimated Direct and Indirect Community Water Ingestion
By Gender and Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
< 1	728	1,834,226	50	46	55	130	123	152	173	147	189
1-10	3,753	18,286,088	19	18	20	43	41	45	56	53	58
11-19	805	16,191,986	11	10	11	25	23	27	32	28	35
20 +	4,437	93,104,821	16	15	16	33	31	33	40	39	41
All ages	9,723	129,417,121	16	16	17	33	33	34	43	42	45
b. Male											
< 1	694	1,826,935	41	37	46	120	110	131	145	139	161
1-10	3,908	19,571,816	19	18	20	42	40	43	54	52	58
11-19	801	16,816,334	13	12	14	26	25	29	36	32	43
20 +	4,724	87,950,403	14	14	15	29	29	30	37	36	38
All ages	10,127	126,165,488	15	15	16	31	31	32	41	39	43

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 11:34 m:\PW\OSTWATER\REQ007\R007_1C2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 4.1.D1. Estimated Total Direct and Indirect Water Ingestion
By Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
< 1	1,486	3,822,361	488	464	512	993	960	1,032	1,209	1,142	1,303
1-10	8,157	40,109,314	531	513	550	1,022	994	1,037	1,257	1,227	1,301
11-19	1,641	33,553,936	907	852	963	1,780	1,720	1,843	2,188	2,002	2,347
20 +	9,323	184,411,625	1,460	1,422	1,498	2,549	2,510	2,602	3,194	3,036	3,313
All ages	20,607	261,897,236	1,233	1,200	1,265	2,341	2,303	2,377	2,908	2,812	2,975

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 14:45 m:\PW\OSTWATER\REQ007\R007_1D1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.1.D2. Estimated Total Direct and Indirect Water Ingestion
By Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
< 1	1,422	3,661,161	68	64	72	153	147	164	185	174	199
1-10	7,661	37,857,904	25	25	26	49	48	52	63	61	65
11-19	1,606	33,008,320	16	15	17	30	29	32	39	37	42
20 +	9,161	181,055,224	20	19	20	35	35	36	44	43	45
All ages	19,850	255,582,609	21	20	21	38	38	39	50	48	51

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 14:49 m:\PW\OSTWATER\REQ007\R007_1D2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 4.1.D3. Estimated Total Direct and Indirect Water Ingestion
By Gender and Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
< 1	763	1,920,275	482	453	510	964	950	1,022	1,167	1,070	1,266
1-10	4,008	19,501,138	524	500	549	994	964	1,044	1,246	1,192	1,273
11-19	825	16,495,997	822	767	877	1,636	1,564	1,775	1,954	1,831	2,104
20 +	4,572	96,012,199	1,383	1,348	1,419	2,413	2,375	2,471	2,925	2,835	2,994
All ages	10,168	133,929,609	1,176	1,148	1,204	2,215	2,167	2,285	2,700	2,633	2,789
b. Male											
< 1	723	1,902,086	494	462	527	1,003	960	1,095	1,278	1,142	1,350
1-10	4,149	20,608,176	538	518	558	1,044	1,020	1,082	1,296	1,237	1,336
11-19	816	17,057,939	990	921	1,060	1,896	1,750	1,962	2,421	2,239	2,668
20 +	4,751	88,399,426	1,542	1,494	1,591	2,738	2,657	2,788	3,517	3,383	3,691
All ages	10,439	127,967,627	1,292	1,250	1,334	2,478	2,425	2,522	3,138	3,032	3,263

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 13:34 m:\PW\OSTWATER\REQ007\R007_1D3.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.1.D4. Estimated Total Direct and Indirect Water Ingestion
By Gender and Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
< 1	728	1,834,226	70	66	75	164	139	171	191	171	206
1-10	3,753	18,286,088	26	25	27	50	48	52	64	61	67
11-19	805	16,191,986	15	14	16	29	27	32	36	32	39
20 +	4,437	93,104,821	21	20	21	37	36	37	45	44	47
All ages	9,723	129,417,121	22	21	22	39	38	39	50	48	52
b. Male											
< 1	694	1,826,935	66	60	72	145	137	158	172	164	197
1-10	3,908	19,571,816	25	24	26	49	48	51	62	61	64
11-19	801	16,816,334	16	15	18	32	29	37	42	37	49
20 +	4,724	87,950,403	19	18	19	34	33	35	43	42	44
All ages	10,127	126,165,488	20	20	21	38	37	38	50	48	51

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 13:53 m:\PW\OSTWATER\REQ007\R007_1D4.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 4.1.E. Estimated Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	70	1,750,330	819*	669*	969*	1,815*	1,479*	2,808*	2,503*	2,167*	3,690*
Lactating	41	1,171,868	1,379*	1,021*	1,737*	2,872*	2,722*	3,452*	3,434*	2,987*	3,803*
Women Age 15-44	2,332	58,970,270	922	887	957	2,008	1,893	2,055	2,605	2,483	2,806

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 14:55 m:\PW\OSTWATER\REQ007\R007_1E.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.2.A. Estimated Direct and Indirect Water Ingestion
By Source
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Source	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Community Water	18,509	242,451,369	1,000	977	1,023	2,069	2,026	2,130	2,601	2,528	2,707
Bottled Water	4,451	58,027,608	736	708	763	1,567	1,509	1,656	1,964	1,893	2,070
Other Sources	2,735	34,775,452	963	902	1,024	1,970	1,895	2,026	2,468	2,365	2,556
Missing Source	709	9,585,453	434	392	477	1,148	993	1,236	1,459	1,420	1,656
All Sources	20,261	259,882,539	1,242	1,210	1,274	2,345	2,284	2,403	2,923	2,842	2,997

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 12:39 m:\PW\OSTWATER\REQ007\R007_2A.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.2.B1. Estimated Direct and Indirect Community Water Ingestion
By Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
< 1	997	2,494,300	502	479	524	976	944	1,022	1,147	1,067	1,246
1-10	7,365	36,690,718	431	414	449	934	896	954	1,137	1,092	1,176
11-19	1,536	31,177,566	736	684	787	1,566	1,526	1,649	1,973	1,896	2,103
20 +	8,611	172,088,785	1,176	1,148	1,204	2,284	2,244	2,338	2,848	2,781	2,958
All ages	18,509	242,451,369	1,000	977	1,023	2,069	2,026	2,130	2,601	2,528	2,707

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 15:32 m:\PW\OSTWATER\REQ007\R007_2B1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.2.B2. Estimated Direct and Indirect Community Water Ingestion
By Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
< 1	948	2,373,335	71	67	74	145	138	159	185	170	195
1-10	6,901	34,527,957	21	20	22	44	43	45	57	55	59
11-19	1,507	30,759,097	13	12	13	26	25	27	34	32	37
20 +	8,459	168,957,363	16	16	16	32	31	33	39	38	41
All ages	17,815	236,617,752	17	16	17	33	33	34	44	43	45

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 15:32 m:\PW\OSTWATER\REQ007\R007_2B2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 4.2.C1. Estimated Direct and Indirect Community Water Ingestion
By Gender and Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
< 1	516	1,294,659	515	486	543	972	918	1,009	1,122	1,056	1,266
1-10	3,627	17,949,653	417	394	440	920	877	951	1,123	1,079	1,165
11-19	768	15,254,527	640	594	686	1,389	1,264	1,479	1,774	1,576	1,947
20 +	4,227	89,385,243	1,116	1,084	1,148	2,165	2,041	2,196	2,711	2,542	2,773
All ages	9,138	123,884,082	950	925	975	2,004	1,932	2,040	2,483	2,419	2,583
b. Male											
< 1	481	1,199,641	488	454	522	976	882	1,042	1,171	1,064	1,304
1-10	3,738	18,741,065	445	427	464	944	906	984	1,154	1,087	1,241
11-19	768	15,923,039	827	760	894	1,669	1,602	1,843	2,056	1,988	2,235
20 +	4,384	82,703,542	1,242	1,207	1,277	2,387	2,296	2,388	3,016	2,843	3,106
All ages	9,371	118,567,287	1,053	1,022	1,084	2,164	2,130	2,197	2,734	2,607	2,816

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12NOV02 15:50 m:\PW\OSTWATER\REQ007\R007_2C1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.2.C2. Estimated Direct and Indirect Community Water Ingestion
By Gender and Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
< 1	491	1,231,057	75	70	80	159	144	171	193	183	212
1-10	3,386	16,764,949	21	20	22	45	44	47	58	55	61
11-19	752	15,037,128	12	11	12	26	23	28	32	28	36
20 +	4,099	86,643,885	17	16	17	33	33	34	41	39	42
All ages	8,728	119,677,019	17	17	18	34	34	35	45	43	46
b. Male											
< 1	457	1,142,278	66	61	71	139	128	153	163	145	205
1-10	3,515	17,763,008	21	20	22	43	42	44	56	53	59
11-19	755	15,721,969	14	12	15	27	22	30	38	32	43
20 +	4,360	82,313,478	15	15	16	30	28	31	38	36	39
All ages	9,087	116,940,733	16	16	17	32	32	33	43	41	44

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13NOV02 08:44 m:\PW\OSTWATER\REQ007\R007_2C2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 4.2.D1. Estimated Total Direct and Indirect Water Ingestion
By Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
< 1	1,266	3,213,646	580	557	604	1,038	1,008	1,071	1,280	1,177	1,314
1-10	8,077	39,781,723	536	517	555	1,024	987	1,065	1,258	1,184	1,336
11-19	1,626	33,187,855	917	861	974	1,782	1,716	1,870	2,204	2,054	2,351
20 +	9,292	183,699,315	1,465	1,427	1,504	2,551	2,515	2,605	3,195	3,114	3,379
All ages	20,261	259,882,539	1,242	1,210	1,274	2,345	2,284	2,403	2,923	2,842	2,997

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13NOV02 09:30 m:\PW\OSTWATER\REQ007\R007_2D1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.2.D2. Estimated Total Direct and Indirect Water Ingestion
By Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
< 1	1,204	3,056,393	82	78	85	164	156	169	195	186	209
1-10	7,583	37,534,929	26	25	26	50	49	50	63	61	65
11-19	1,592	32,672,576	16	15	17	31	29	32	39	37	42
20 +	9,130	180,342,914	20	19	21	36	35	36	44	43	45
All ages	19,509	253,606,812	21	21	22	38	38	39	50	49	51

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13NOV02 09:20 m:\PW\OSTWATER\REQ007\R007_2D2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 4.2.D3. Estimated Total Direct and Indirect Water Ingestion
By Gender and Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
< 1	648	1,625,567	569	539	600	1,018	963	1,056	1,208	1,143	1,303
1-10	3,975	19,370,519	528	503	553	995	961	1,053	1,246	1,183	1,311
11-19	817	16,312,763	831	774	887	1,649	1,479	1,806	1,960	1,774	2,113
20 +	4,556	95,645,114	1,389	1,352	1,425	2,416	2,375	2,471	2,928	2,848	3,018
All ages	9,996	132,953,963	1,185	1,156	1,213	2,221	2,150	2,271	2,706	2,607	2,840
b. Male											
< 1	618	1,588,079	592	563	621	1,055	1,015	1,181	1,303	1,187	1,422
1-10	4,102	20,411,204	543	524	563	1,047	1,024	1,067	1,300	1,232	1,379
11-19	809	16,875,092	1,001	931	1,071	1,898	1,843	1,974	2,429	2,249	2,668
20 +	4,736	88,054,201	1,549	1,499	1,598	2,740	2,667	2,783	3,524	3,361	3,658
All ages	10,265	126,928,576	1,302	1,260	1,344	2,483	2,447	2,529	3,148	3,043	3,320

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 17SEP03 16:55 m:\PW\OSTWATER\REQ007\R007_2D3.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.2.D4. Estimated Total Direct and Indirect Water Ingestion
By Gender and Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
< 1	615	1,543,465	84	79	89	171	161	176	199	191	206
1-10	3,721	18,158,460	26	25	27	50	48	52	65	61	68
11-19	798	16,039,089	15	14	16	29	28	32	36	34	39
20 +	4,421	92,737,736	21	20	22	37	35	38	45	44	47
All ages	9,555	128,478,750	22	21	22	39	38	39	50	48	52
b. Male											
< 1	589	1,512,928	80	74	85	153	145	164	181	166	214
1-10	3,862	19,376,469	25	25	26	49	48	51	62	60	64
11-19	794	16,633,487	16	15	18	32	30	37	42	40	45
20 +	4,709	87,605,178	19	18	20	34	33	36	43	41	45
All ages	9,954	125,128,062	20	20	21	38	37	39	50	48	51

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 29SEP03 14:09 m:\PW\OSTWATER\REQ007\R007_2D4.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 4.2.E1. Estimated Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

Women Categories	Sample Size	Population	Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
			Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	65	1,644,007	872*	728*	1,016*	1,844*	1,776*	3,690*	2,589*	2,167*	3,690*
Lactating	34	971,057	1,665*	1,181*	2,148*	2,959*	2,722*	3,452*	3,588*	2,987*	4,026*
Non-Pregnant and Non-Lactating Women Age 15-44	2,077	52,631,773	976	937	1,014	2,013	1,893	2,065	2,614	2,475	2,873
Women Age 15-44	2,176	55,244,773	985	947	1,022	2,046	1,947	2,167	2,732	2,432	2,924

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 07JAN04 11:34 m:\pw\ostwater\req007\req123103\R007_2E1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 4.2.E2. Estimated Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

Women Categories	Sample Size	Population	Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
			Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	70	1,750,330	1,318*	1,199*	1,436*	2,336*	1,851*	3,690*	2,674*	2,167*	3,690*
Lactating	41	1,171,868	1,806*	1,311*	2,301*	3,021*	2,722*	3,794*	3,767*	3,059*	3,803*
Non-Pregnant and Non-Lactating Women Age 15-44	2,203	55,619,141	1,252	1,202	1,303	2,338	2,256	2,404	2,941	2,834	3,179
Women Age 15-44	2,314	58,539,275	1,265	1,216	1,314	2,366	2,284	2,484	2,953	2,813	3,187

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 07JAN04 11:50 m:\pw\ostwater\req007\req123103\R007_2E2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Figure 4.1.A. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Water Ingestion
By Source
All Individuals

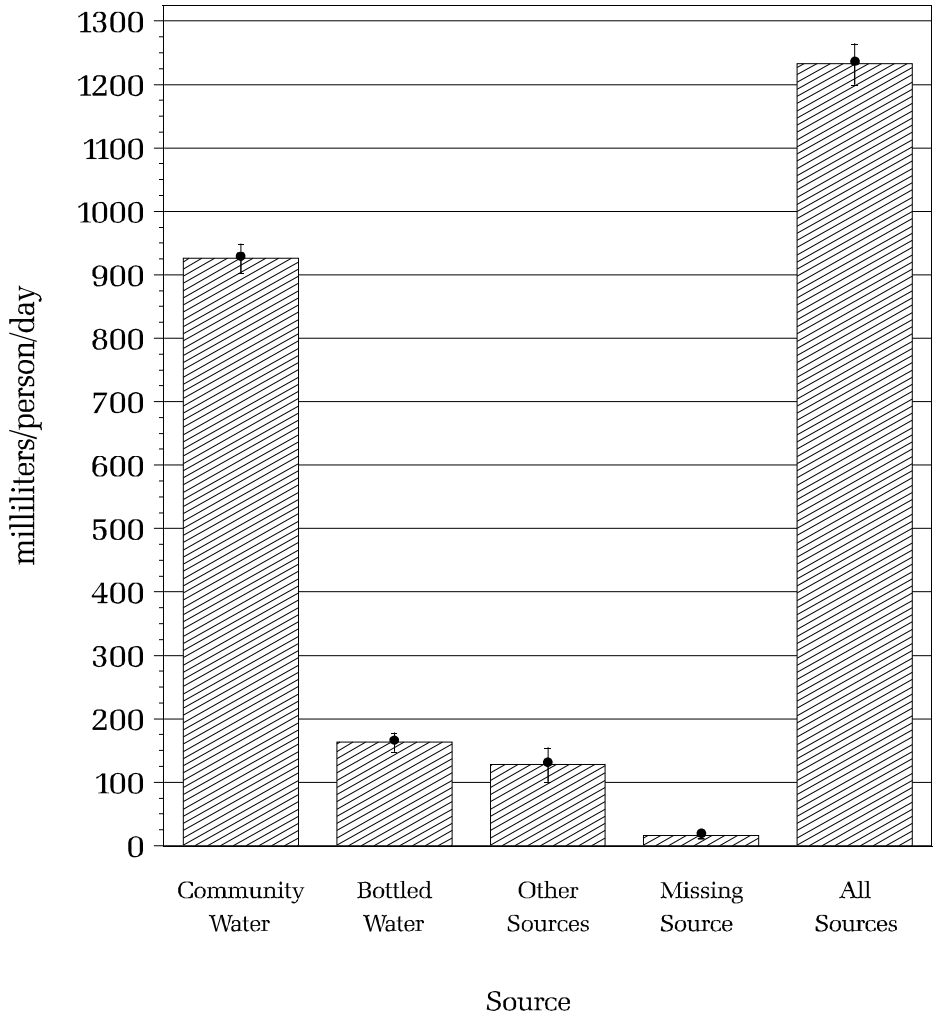


Figure 4.1.B1. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Age Categories
All Individuals

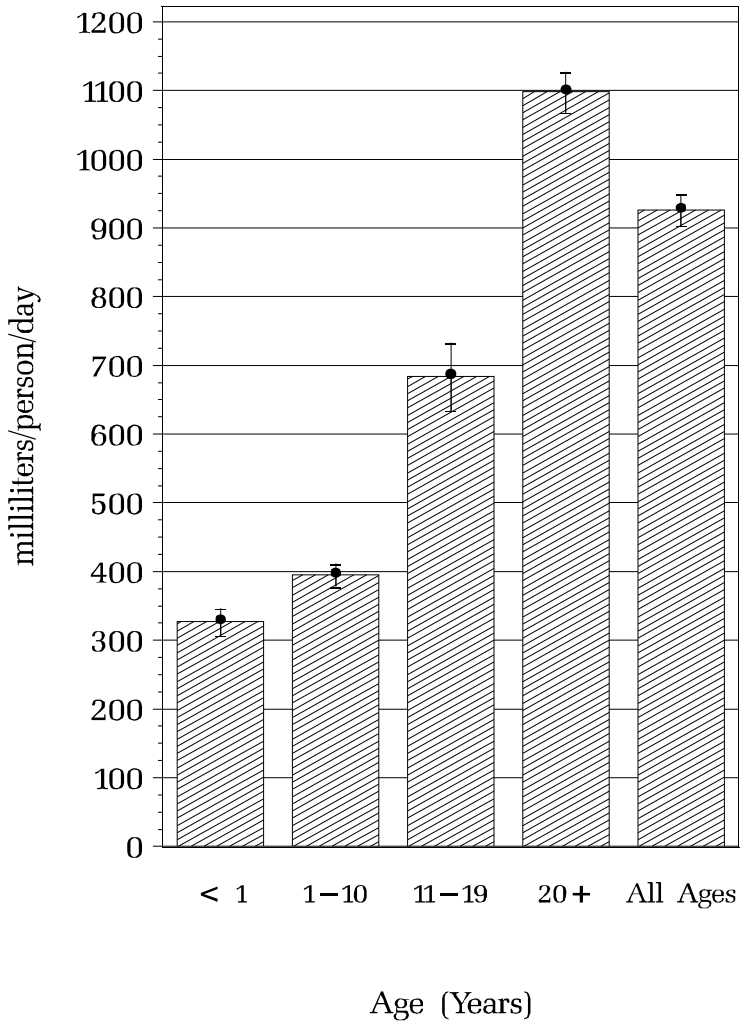


Figure 4.1.B2. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Age Categories
All Individuals

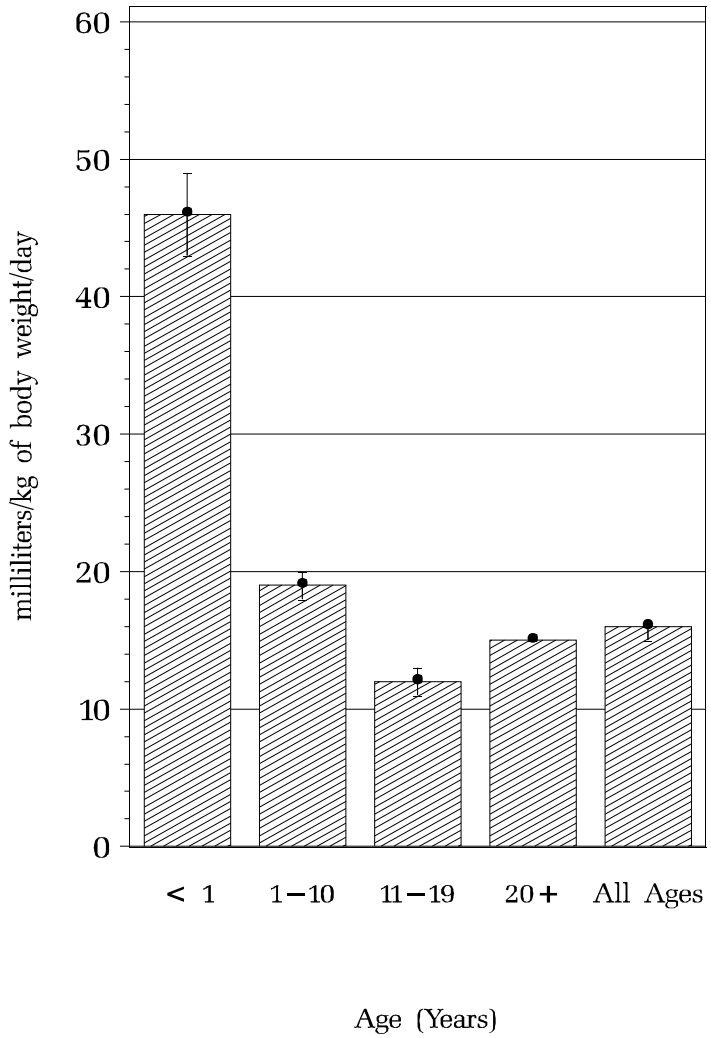


Figure 4.1.C1. Estimated Mean and 90% Confidence Intervals Around the Mean

Direct and Indirect Community Water Ingestion

By Gender and Age Categories

All Individuals

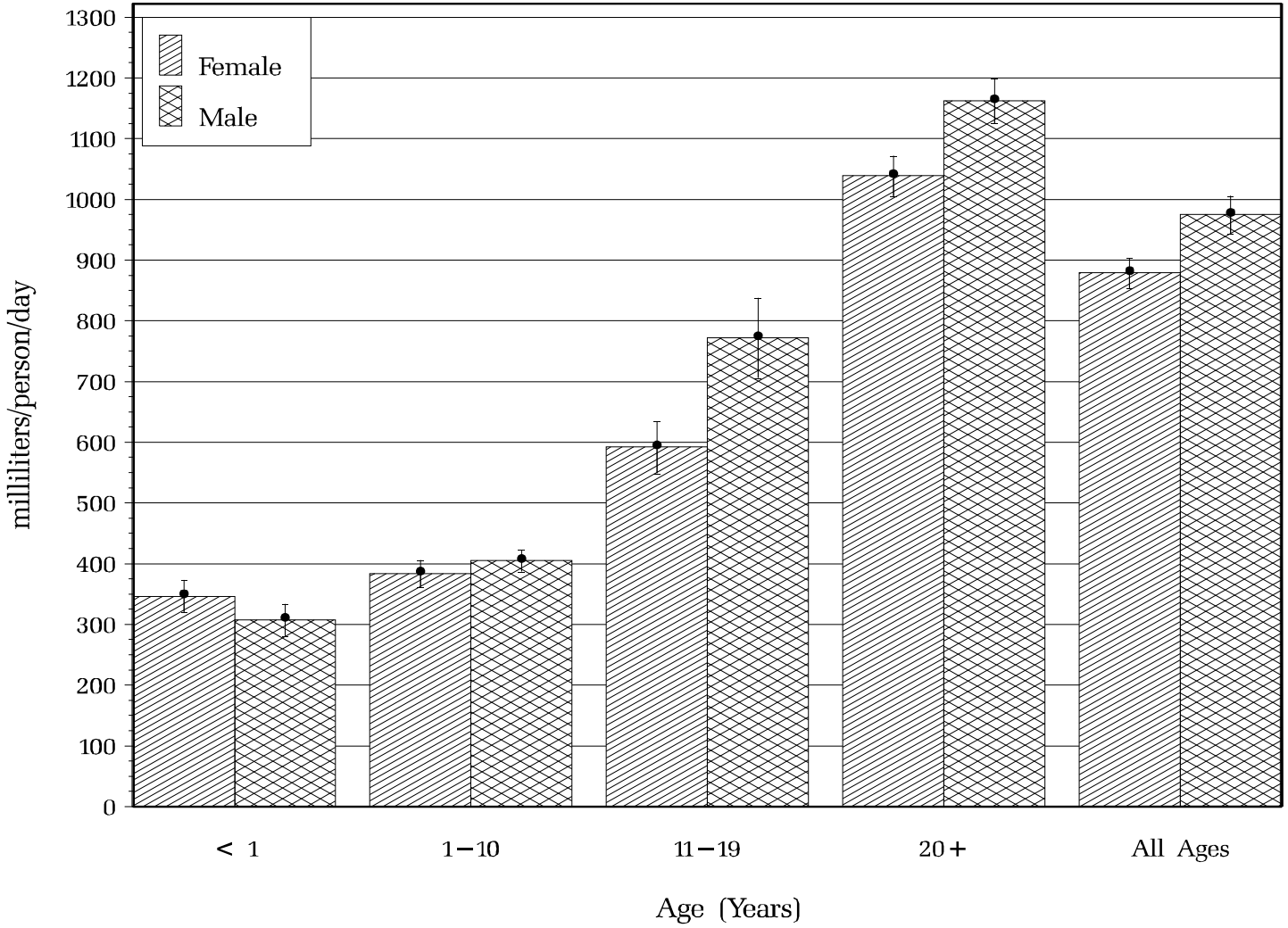


Figure 4.1.C2. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Gender and Age Categories
All Individuals

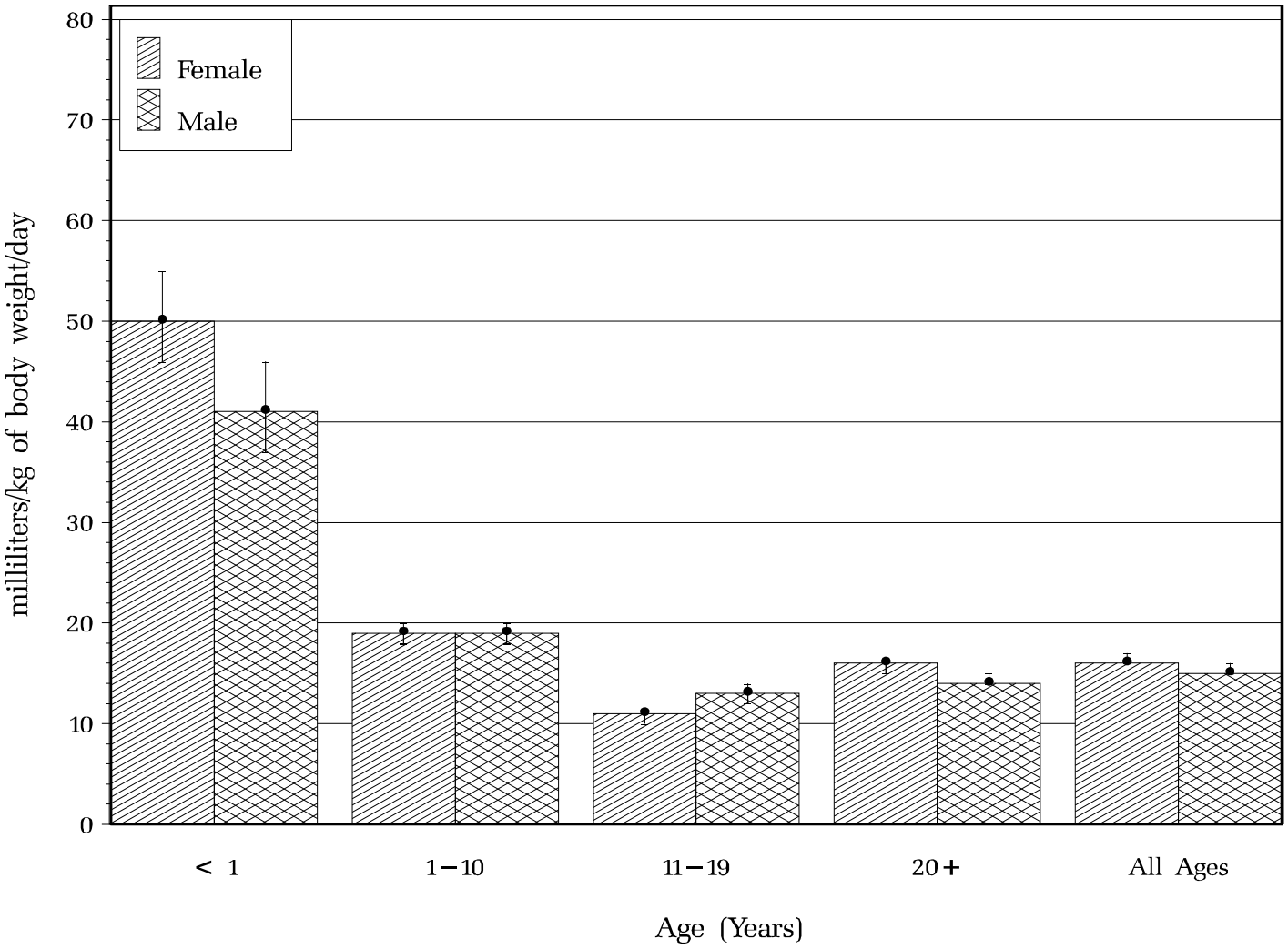


Figure 4.1.D1. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Age Categories
All Individuals

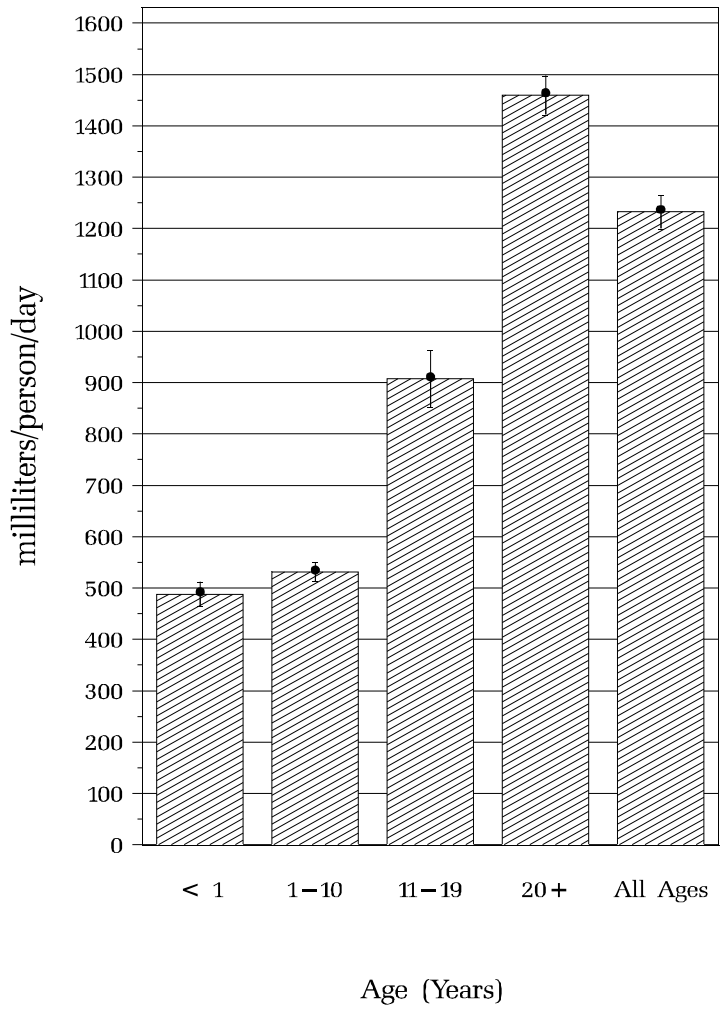


Figure 4.1.D2. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Age Categories
All Individuals

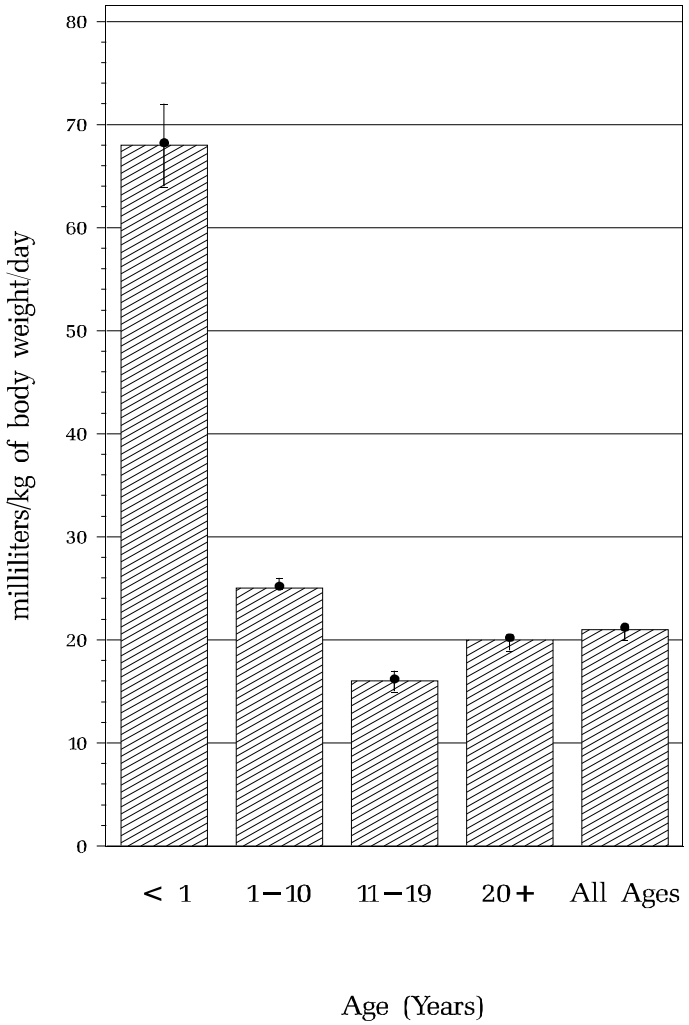


Figure 4.1.D3. Estimated Mean and 90% Confidence Intervals Around the Mean

Total Direct and Indirect Water Ingestion

By Gender and Age Categories

All Individuals

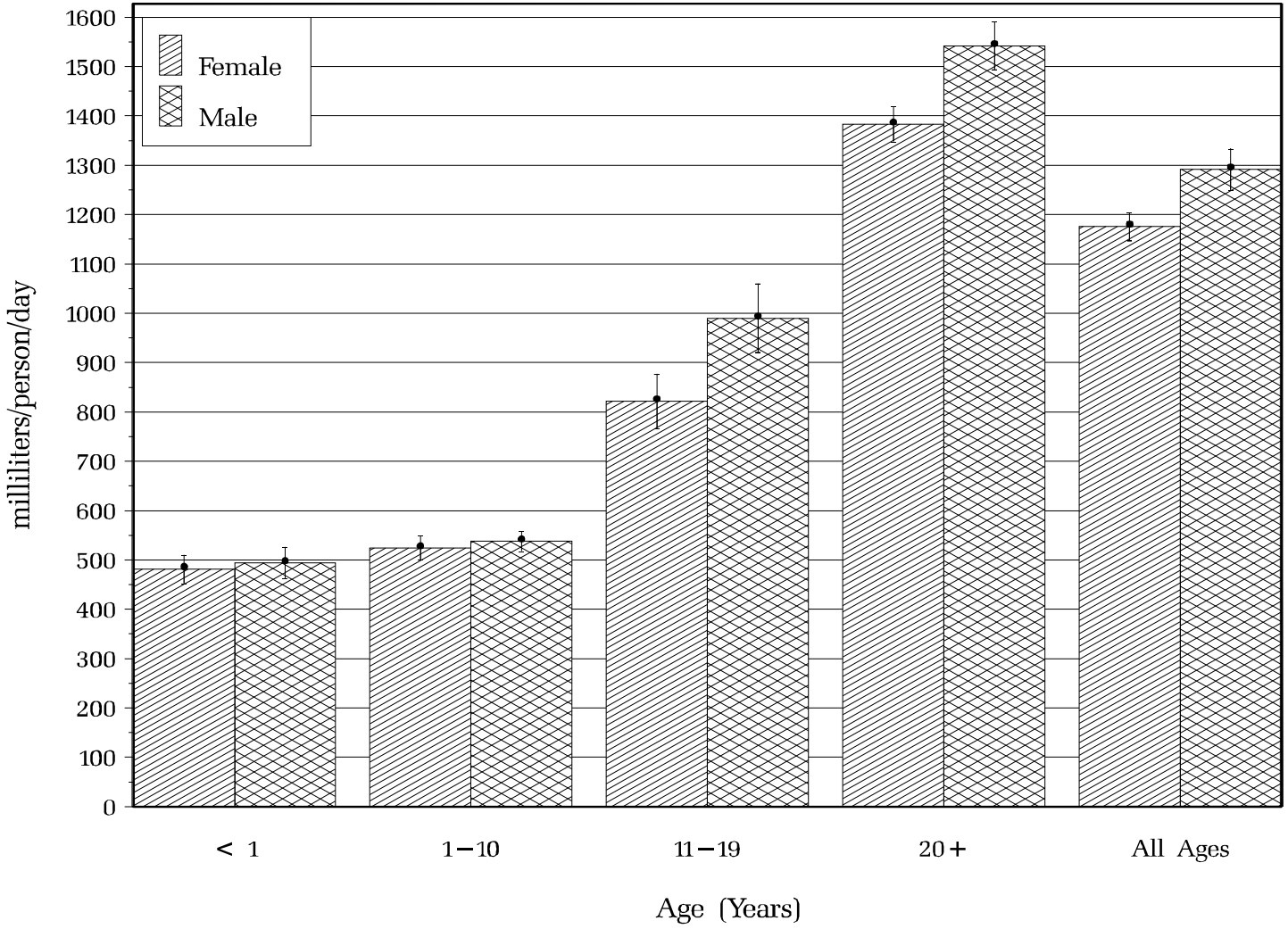


Figure 4.1.D4. Estimated Mean and 90% Confidence Intervals Around the Mean

Total Direct and Indirect Water Ingestion

By Gender and Age Categories

All Individuals

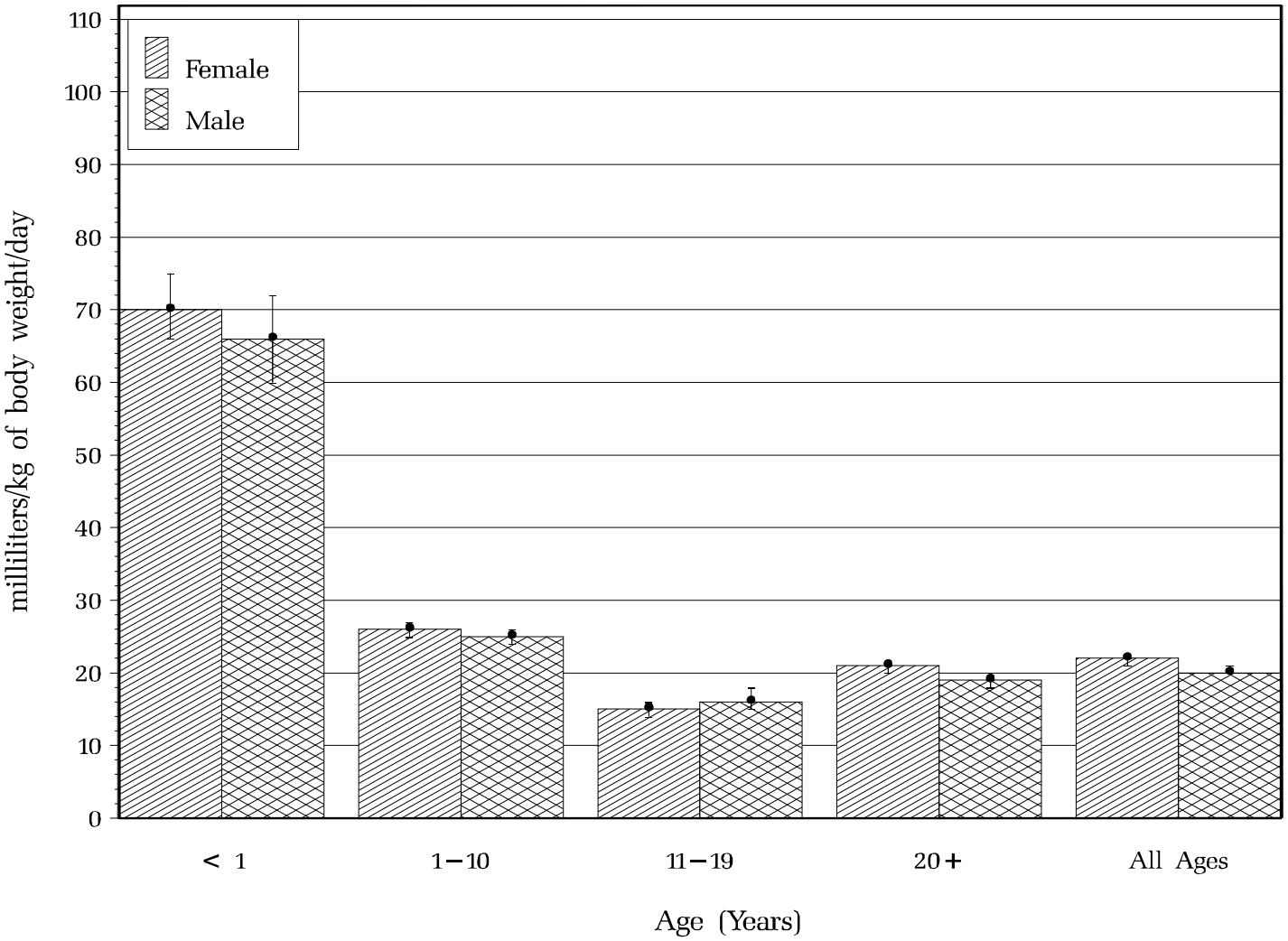


Figure 4.1.E. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

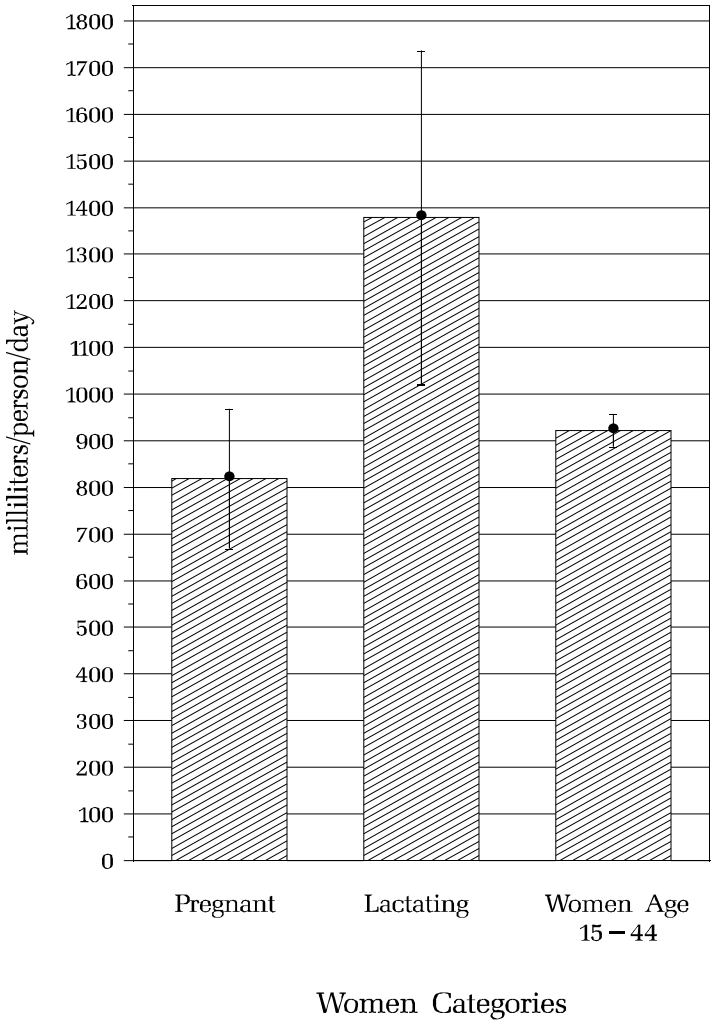


Figure 4.1.F1. Cumulative Distribution of Per Capita Direct and Indirect Community Water Ingestion
All Individuals

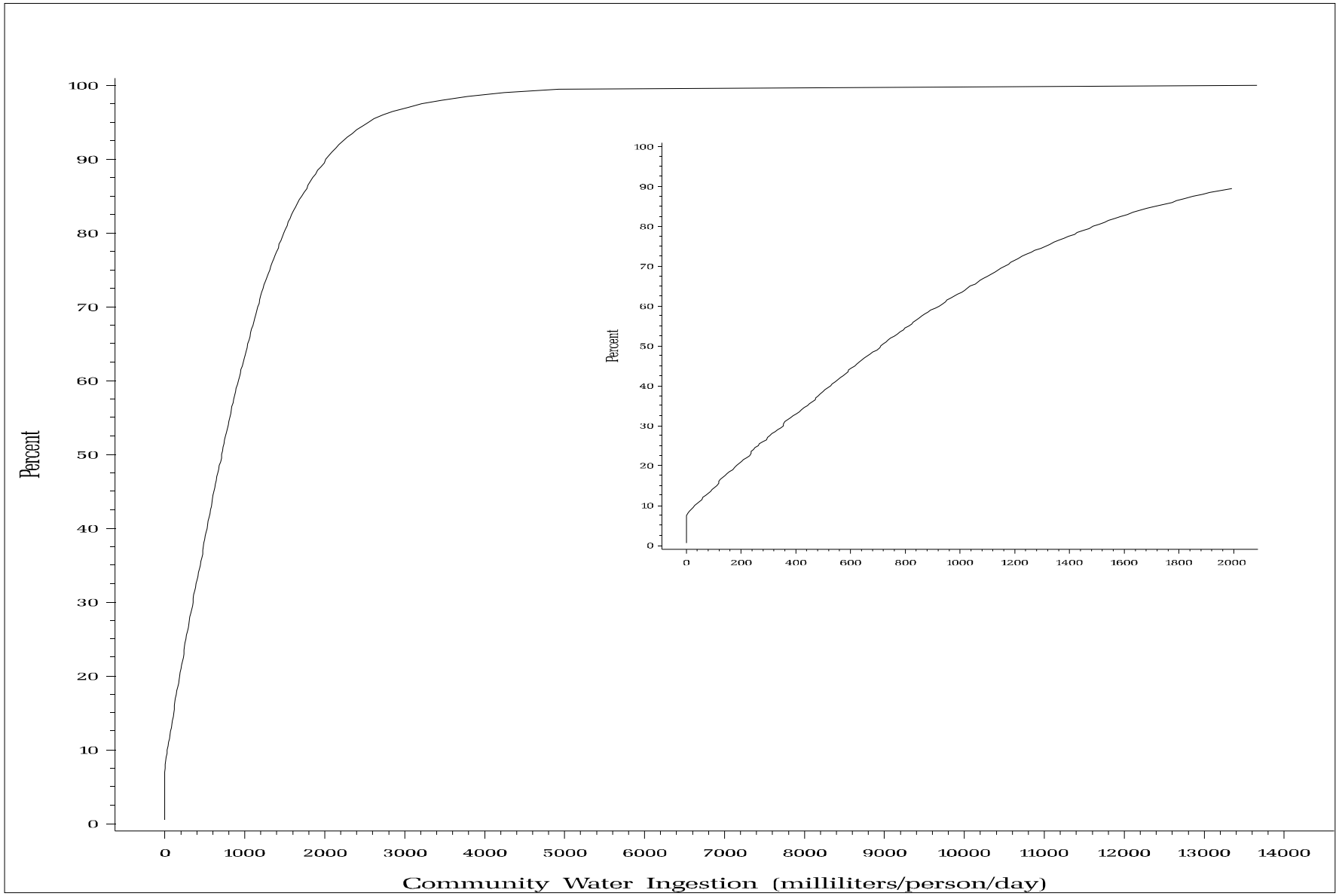


Figure 4.1.F2. Cumulative Distribution of Per Capita Direct and Indirect Total Water Ingestion
All Individuals

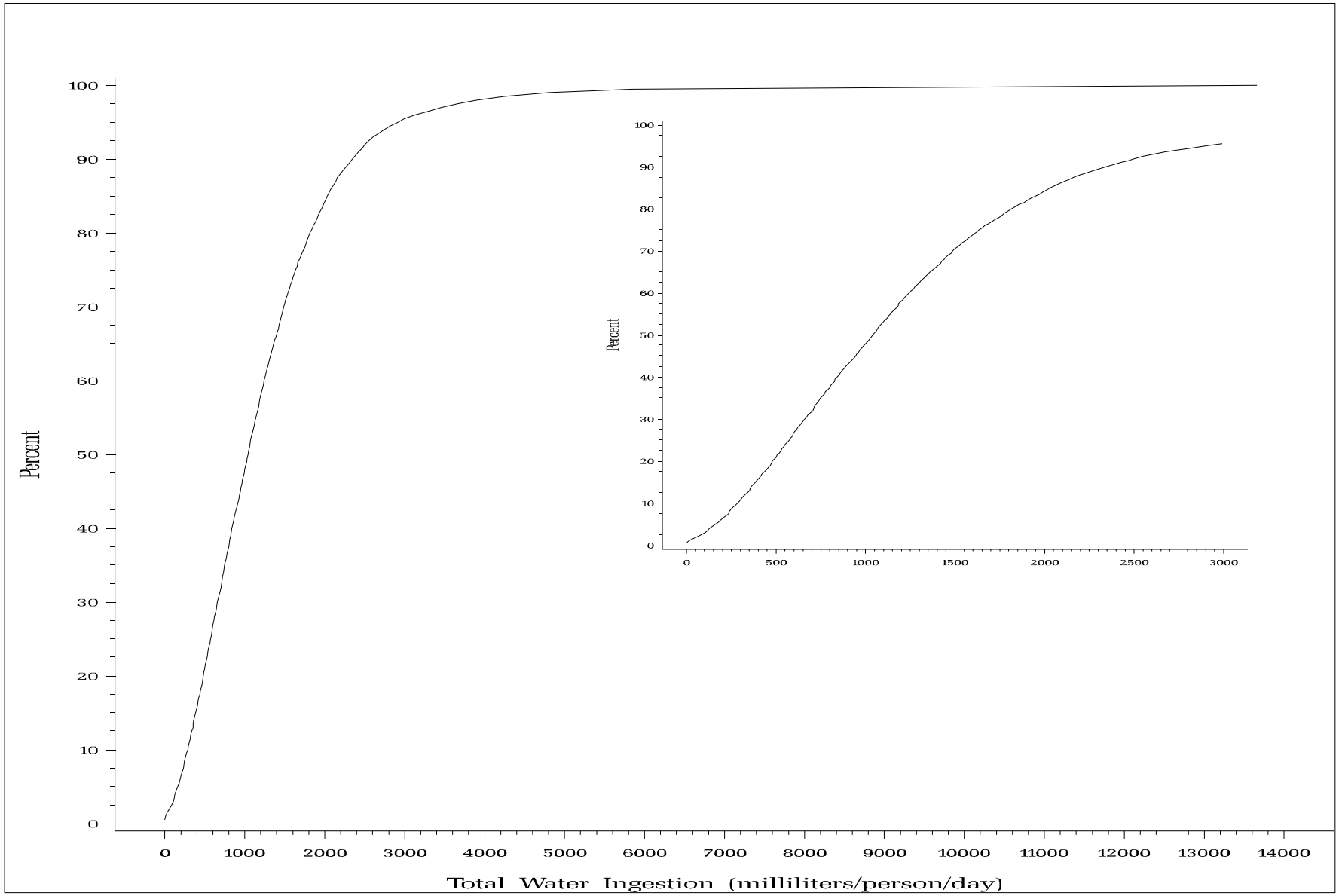


Figure 4.1.G1. Histogram of Per Capita Direct and Indirect Community Water Ingestion
All Individuals

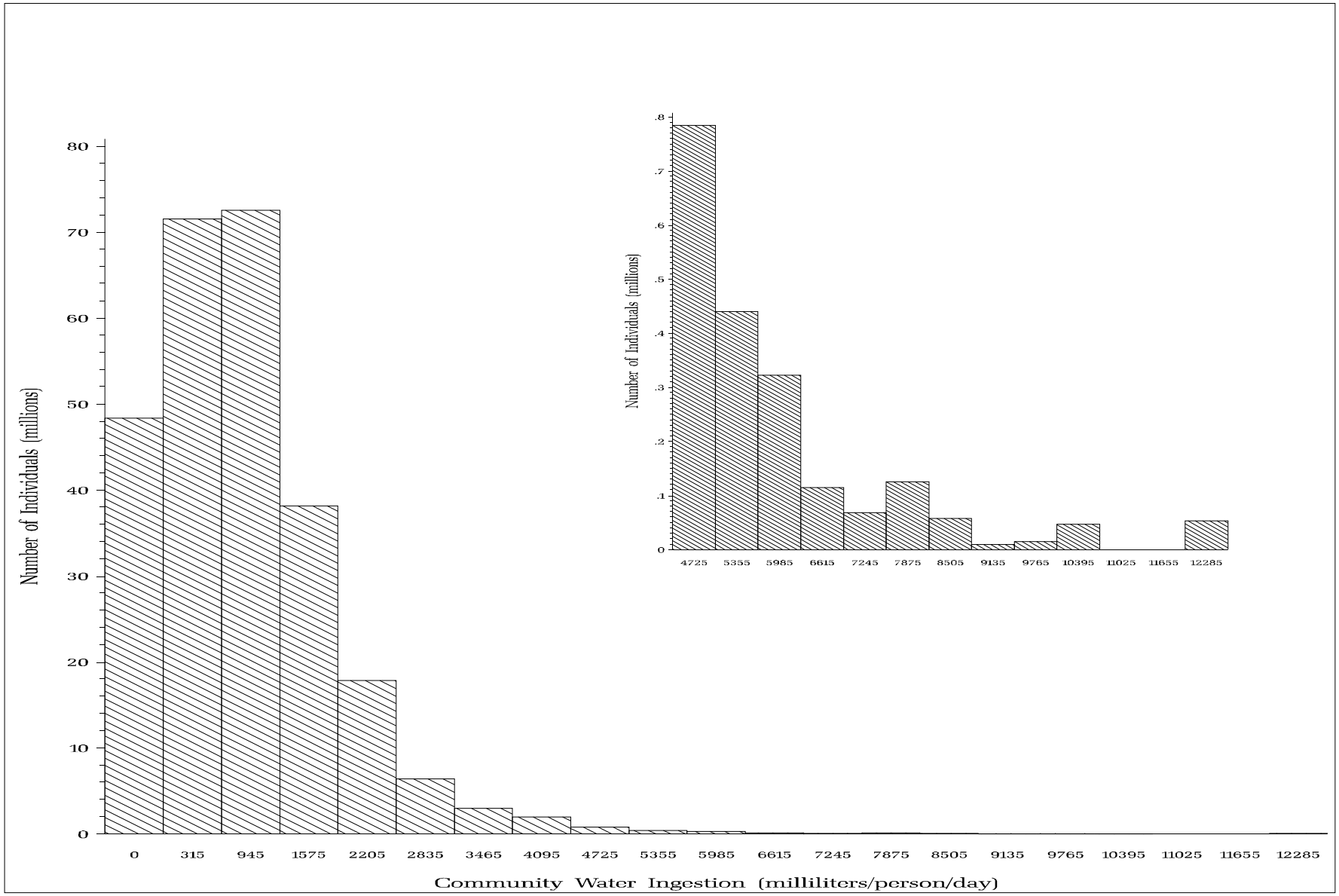


Figure 4.1.G2. Histogram of Per Capita Direct and Indirect Total Water Ingestion
All Individuals

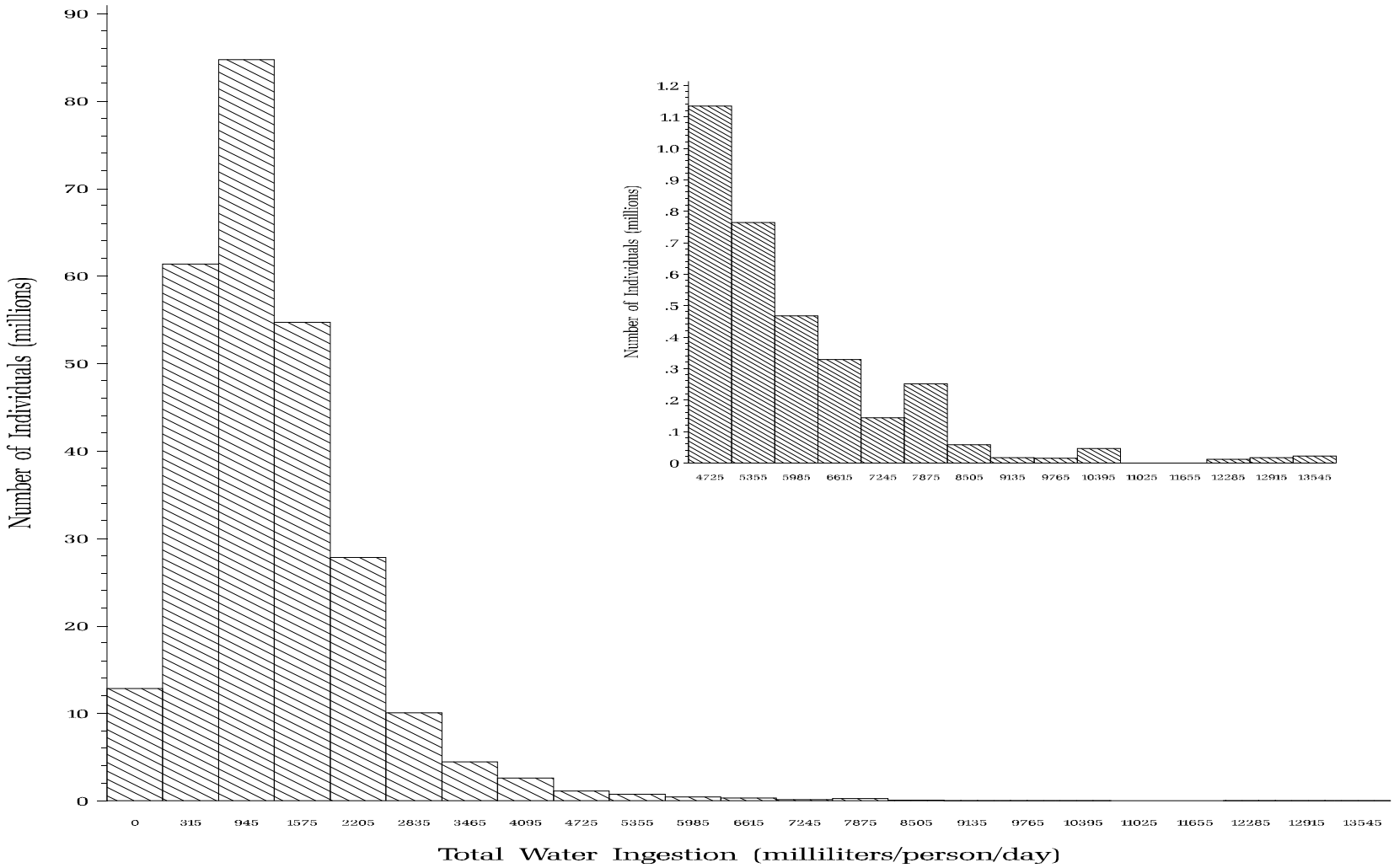


Figure 4.2.A. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Water Ingestion
By Source
Consumers Only

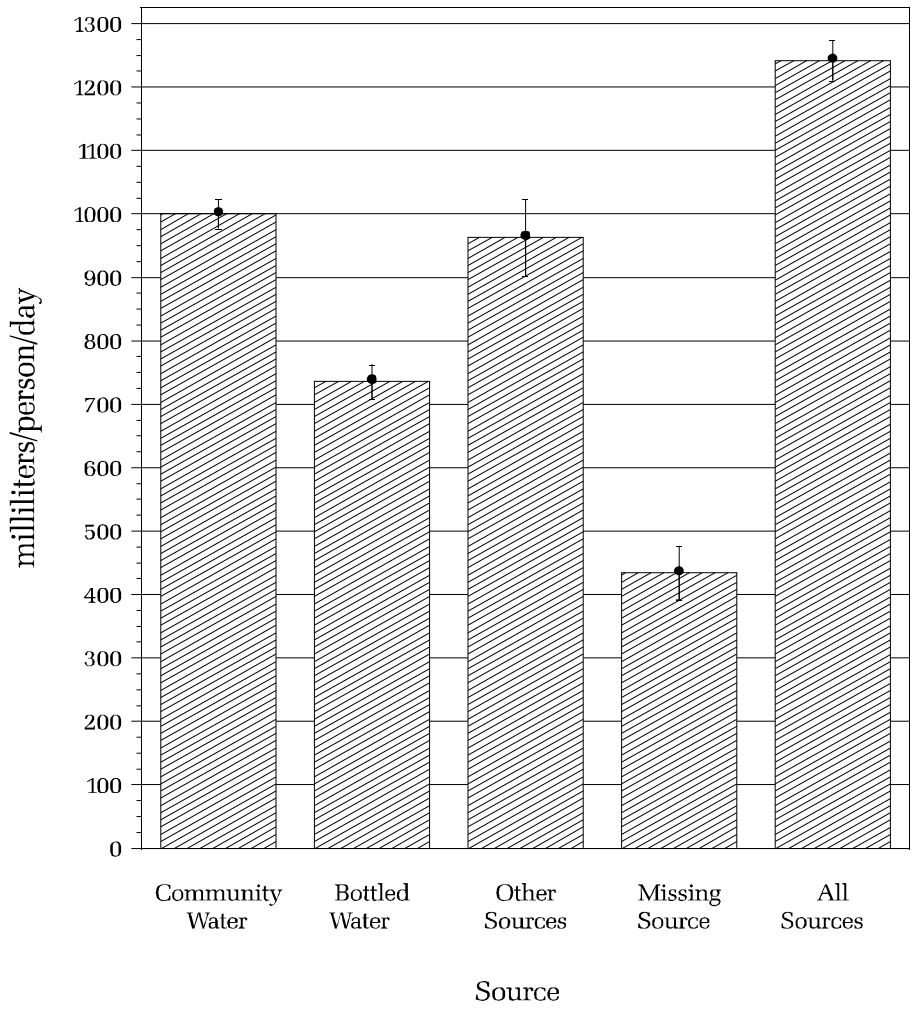


Figure 4.2.B1. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Age Categories
Consumers Only

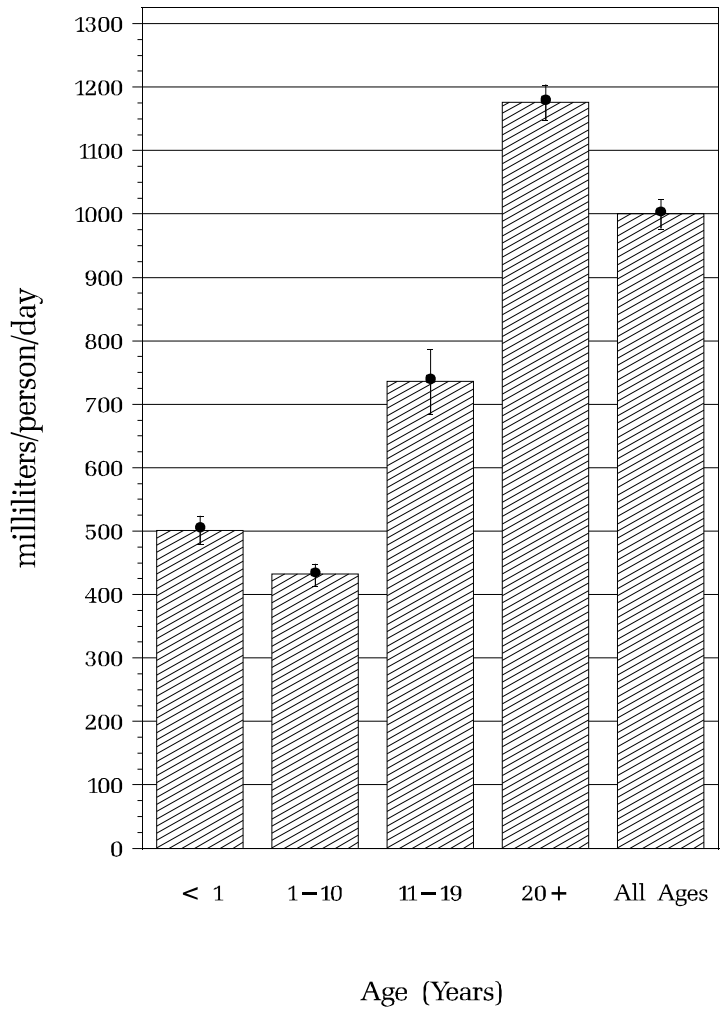


Figure 4.2.B2. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Age Categories
Consumers Only

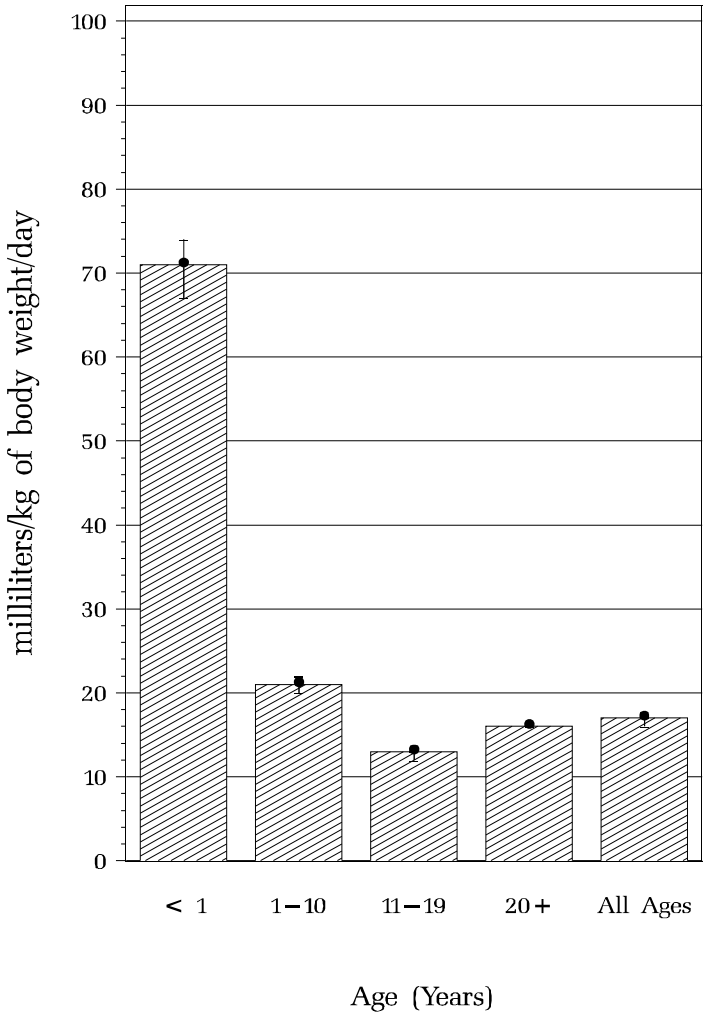


Figure 4.2.C1. Estimated Mean and 90% Confidence Intervals Around the Mean

Direct and Indirect Community Water Ingestion

By Gender and Age Categories

Consumers Only

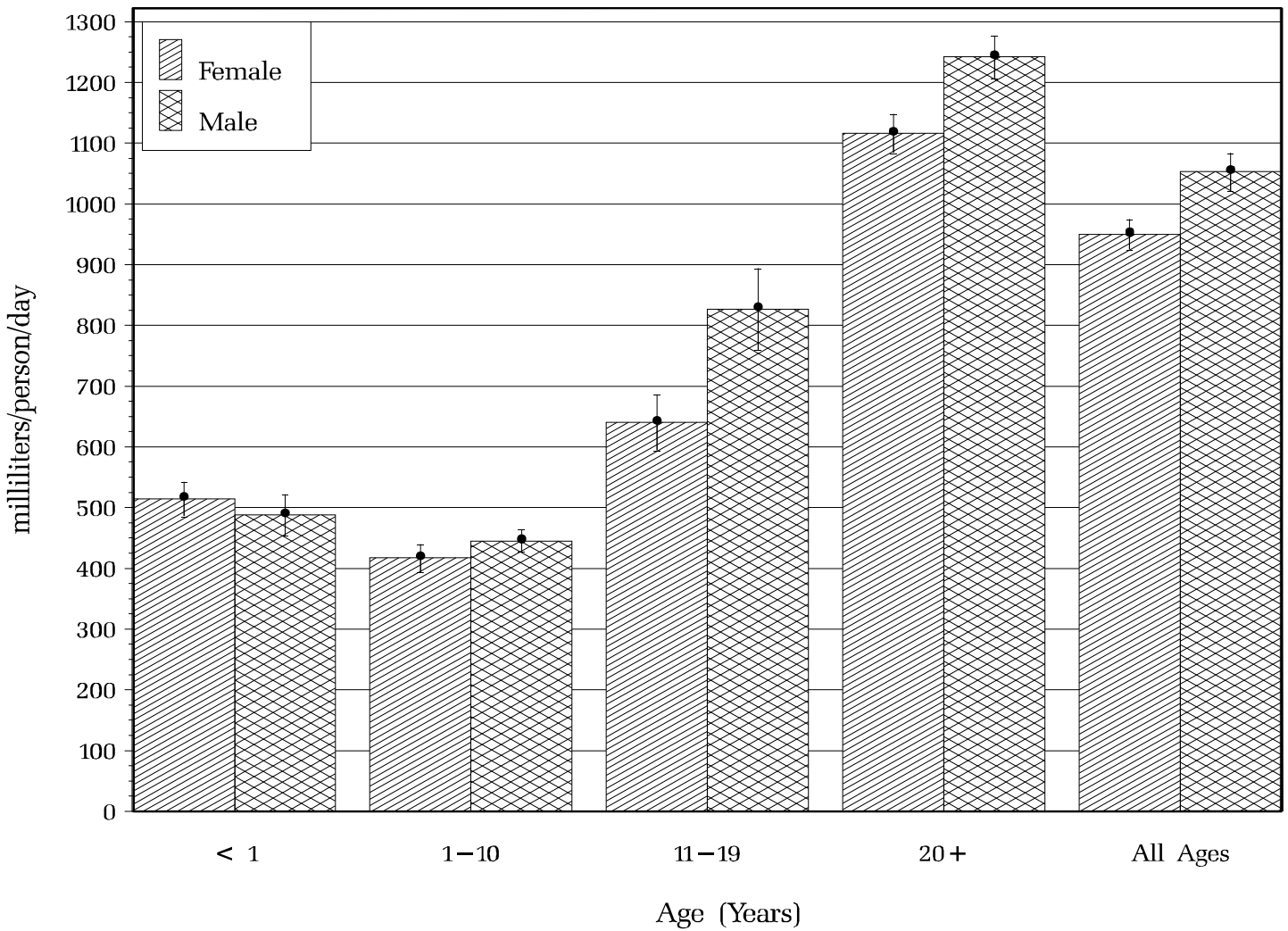


Figure 4.2.C2. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Gender and Age Categories
Consumers Only

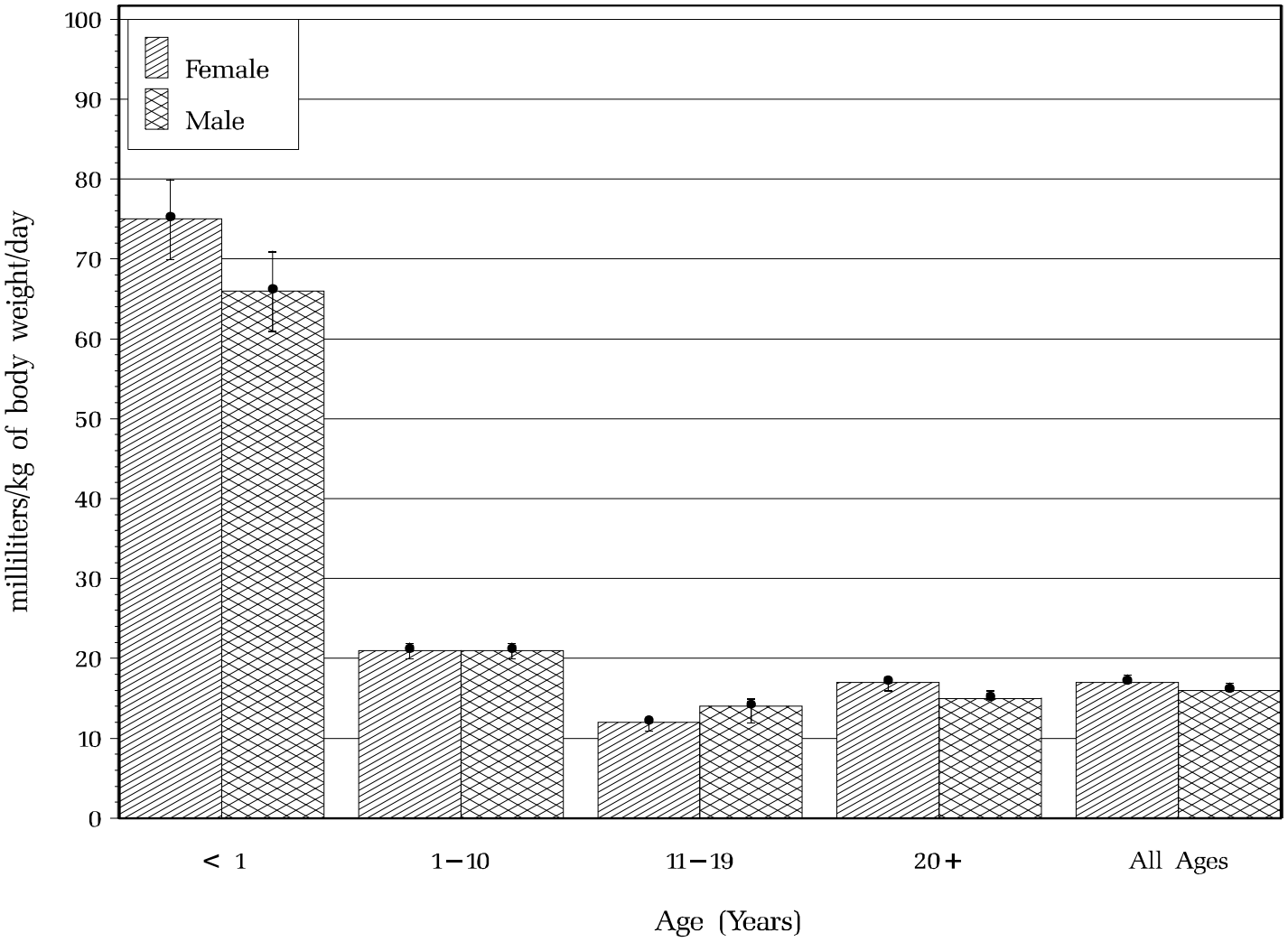


Figure 4.2.D1. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Age Categories
Consumers Only

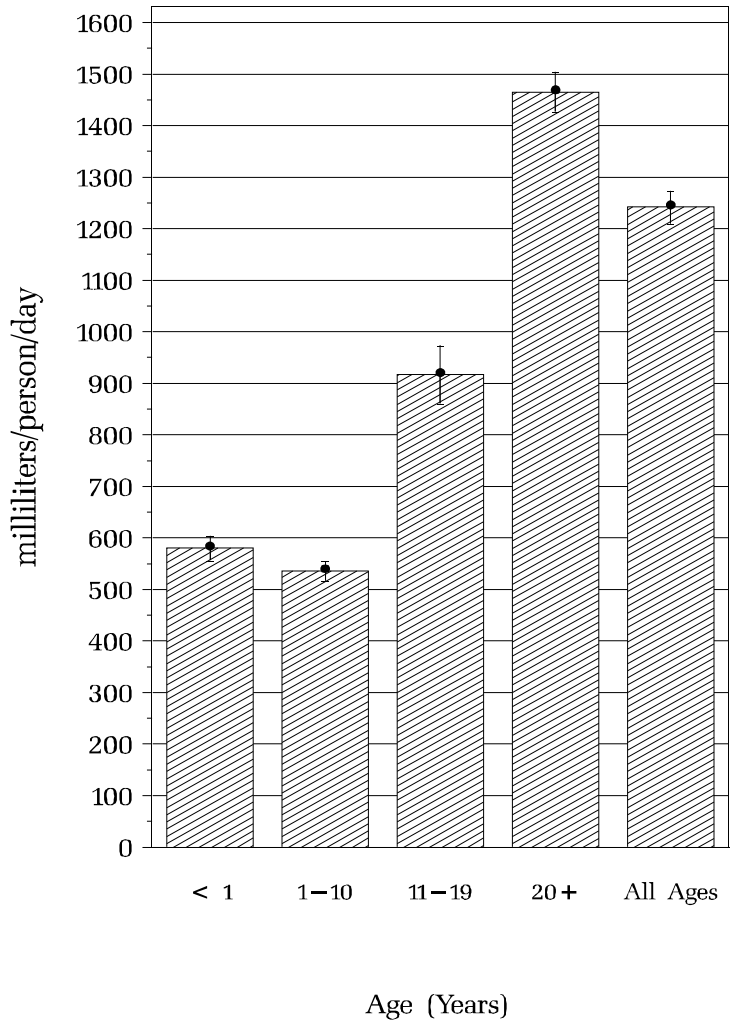


Figure 4.2.D2. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Age Categories
Consumers Only

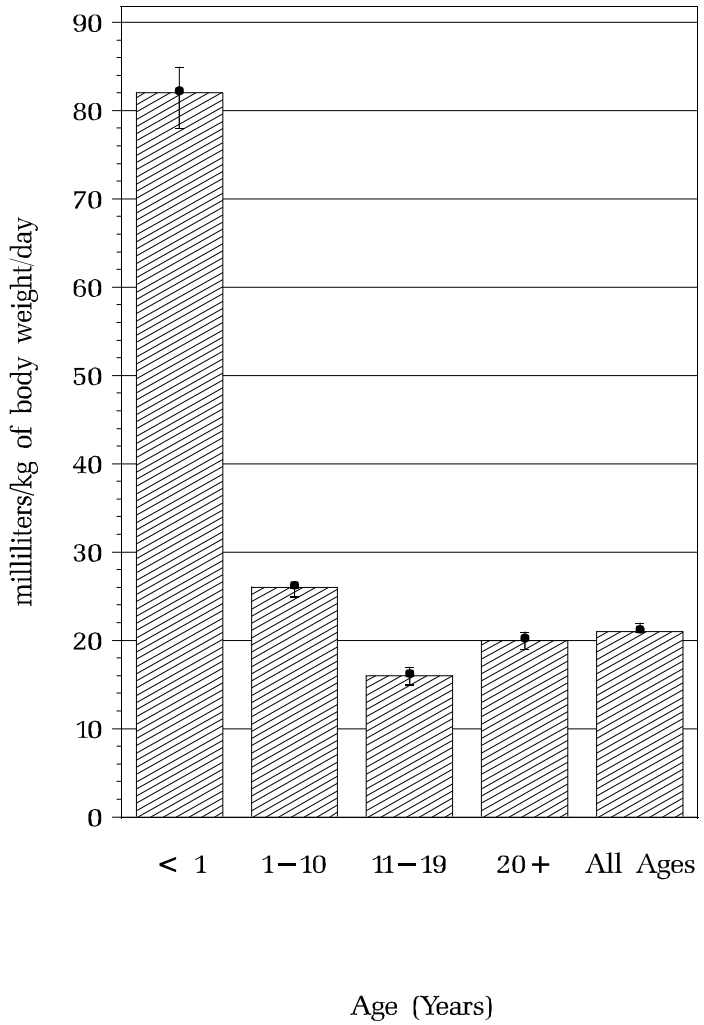


Figure 4.2.D3. Estimated Mean and 90% Confidence Intervals Around the Mean

Total Direct and Indirect Water Ingestion

By Gender and Age Categories

Consumers Only

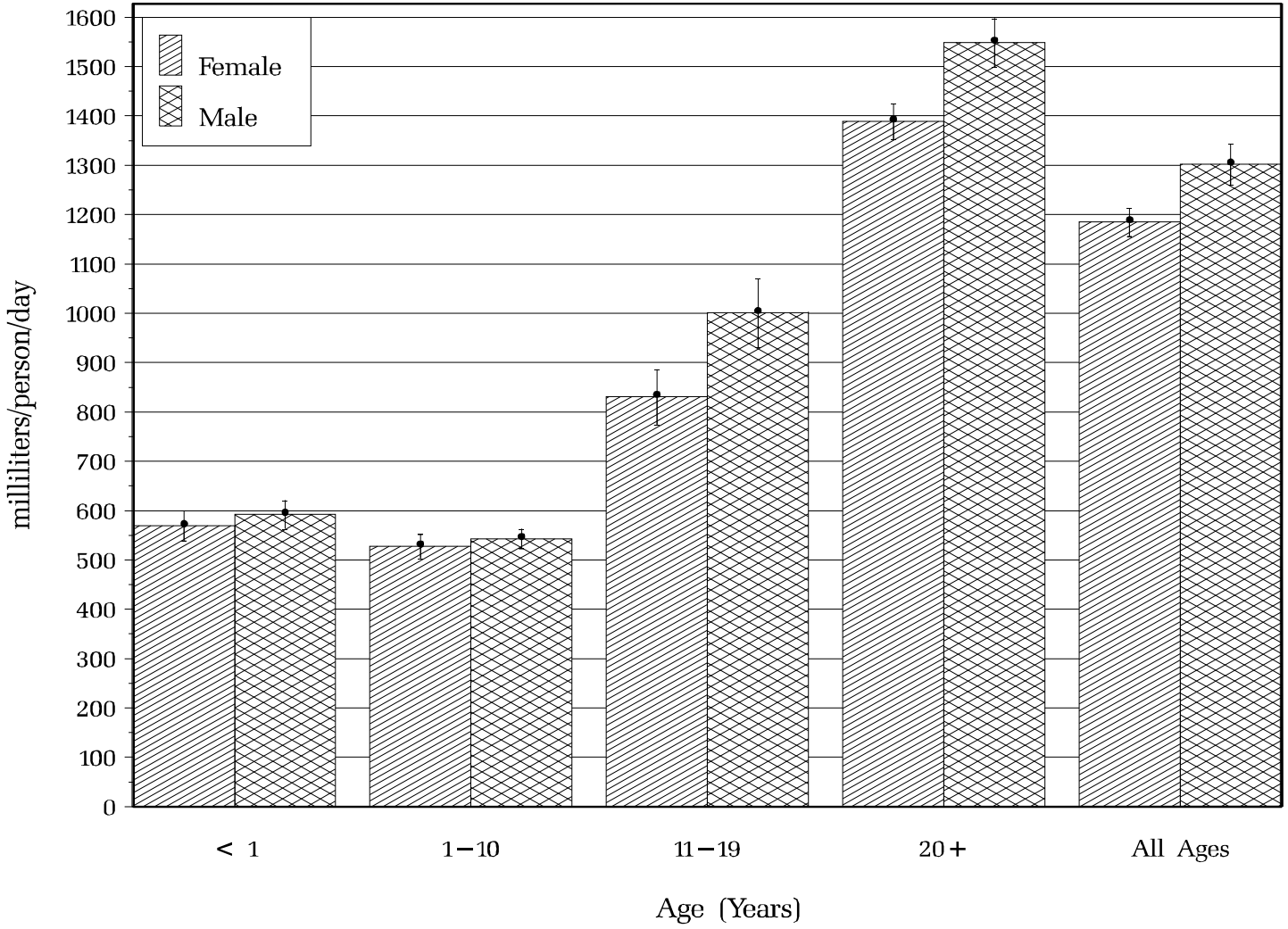


Figure 4.2.D4. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Gender and Age Categories
Consumers Only

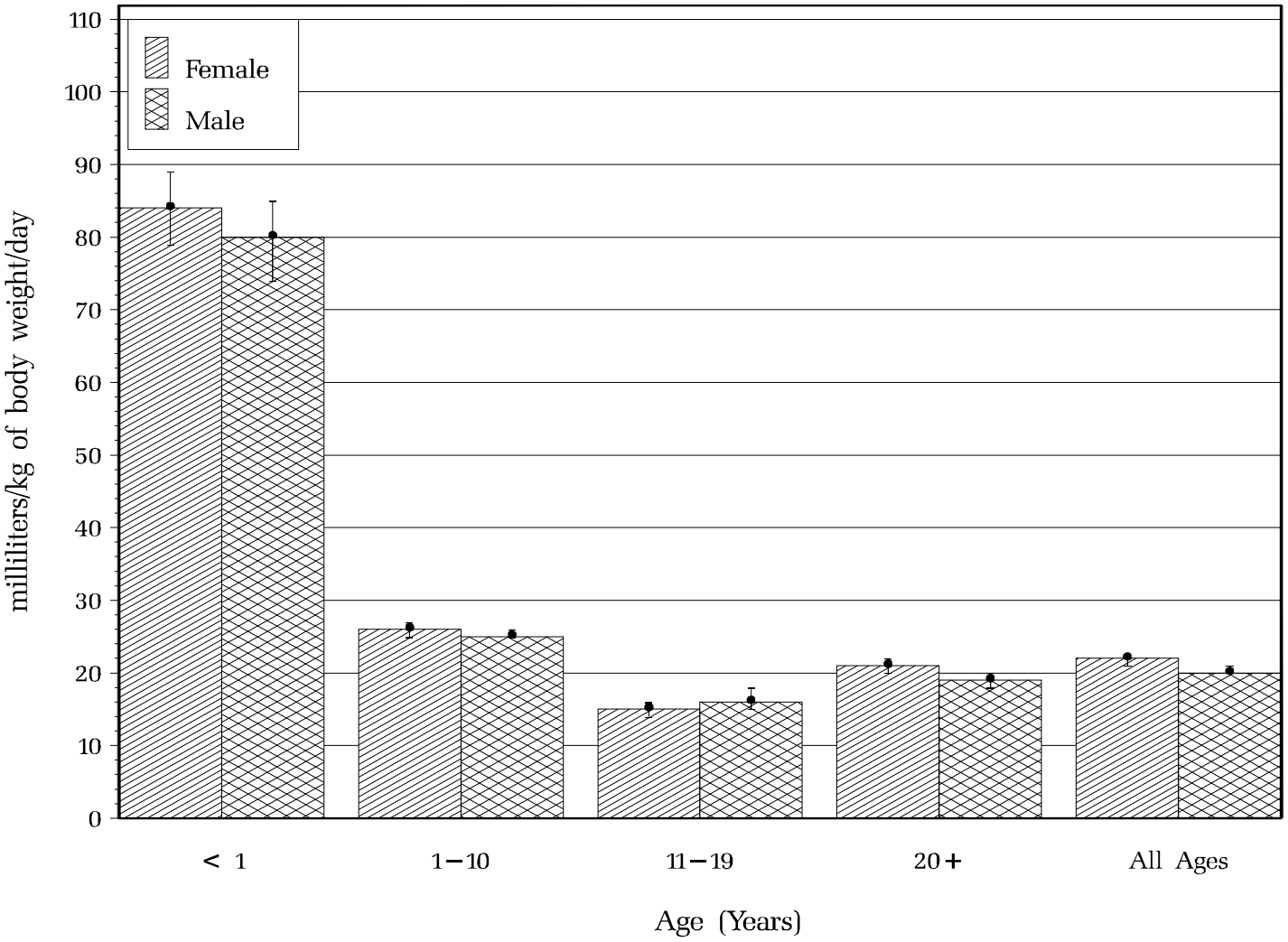


Figure 4.2.E1. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

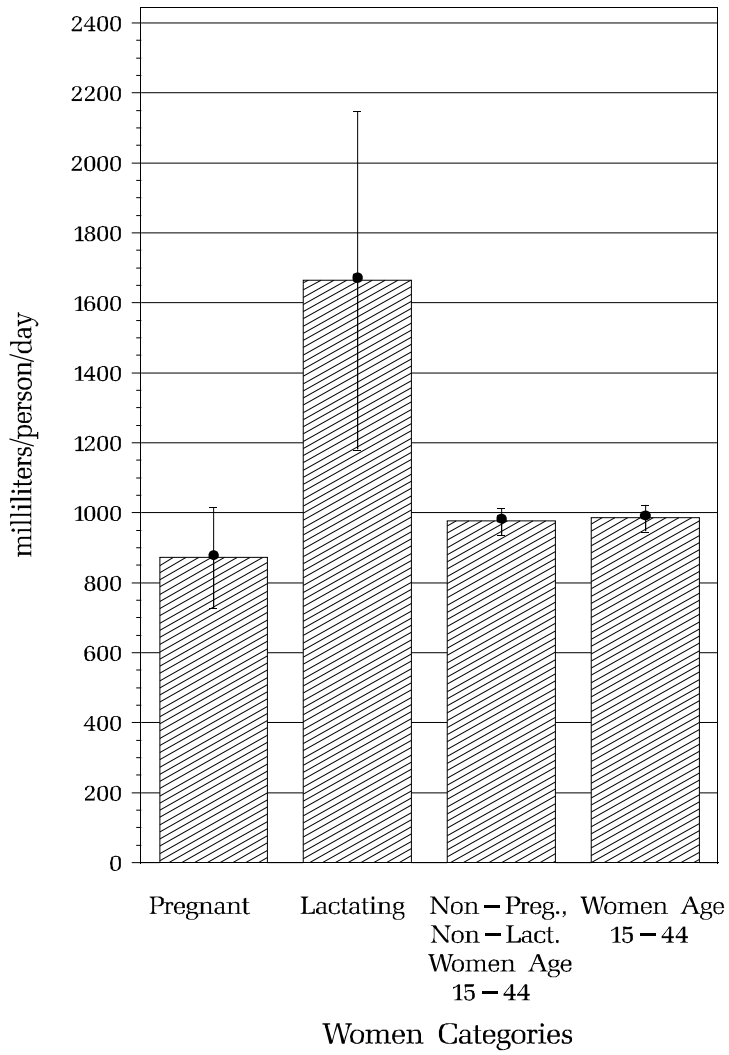


Figure 4.2.E2. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

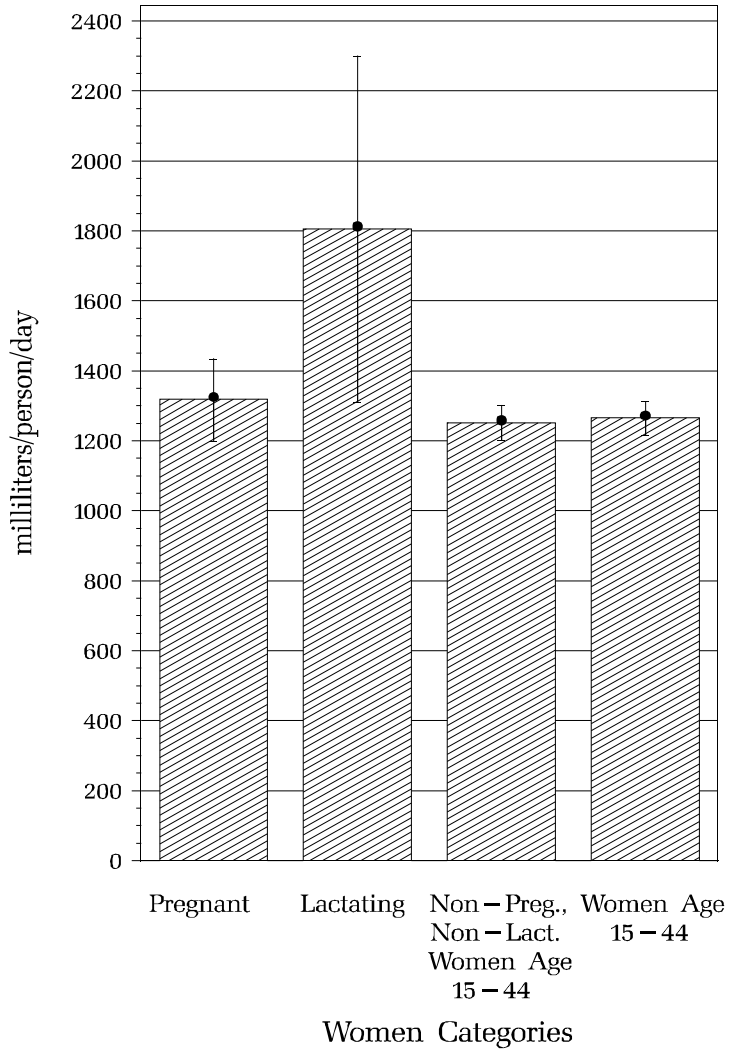


Figure 4.2.F. Cumulative Distribution of Per Capita Direct and Indirect Total and Community Water Ingestion Consumers Only

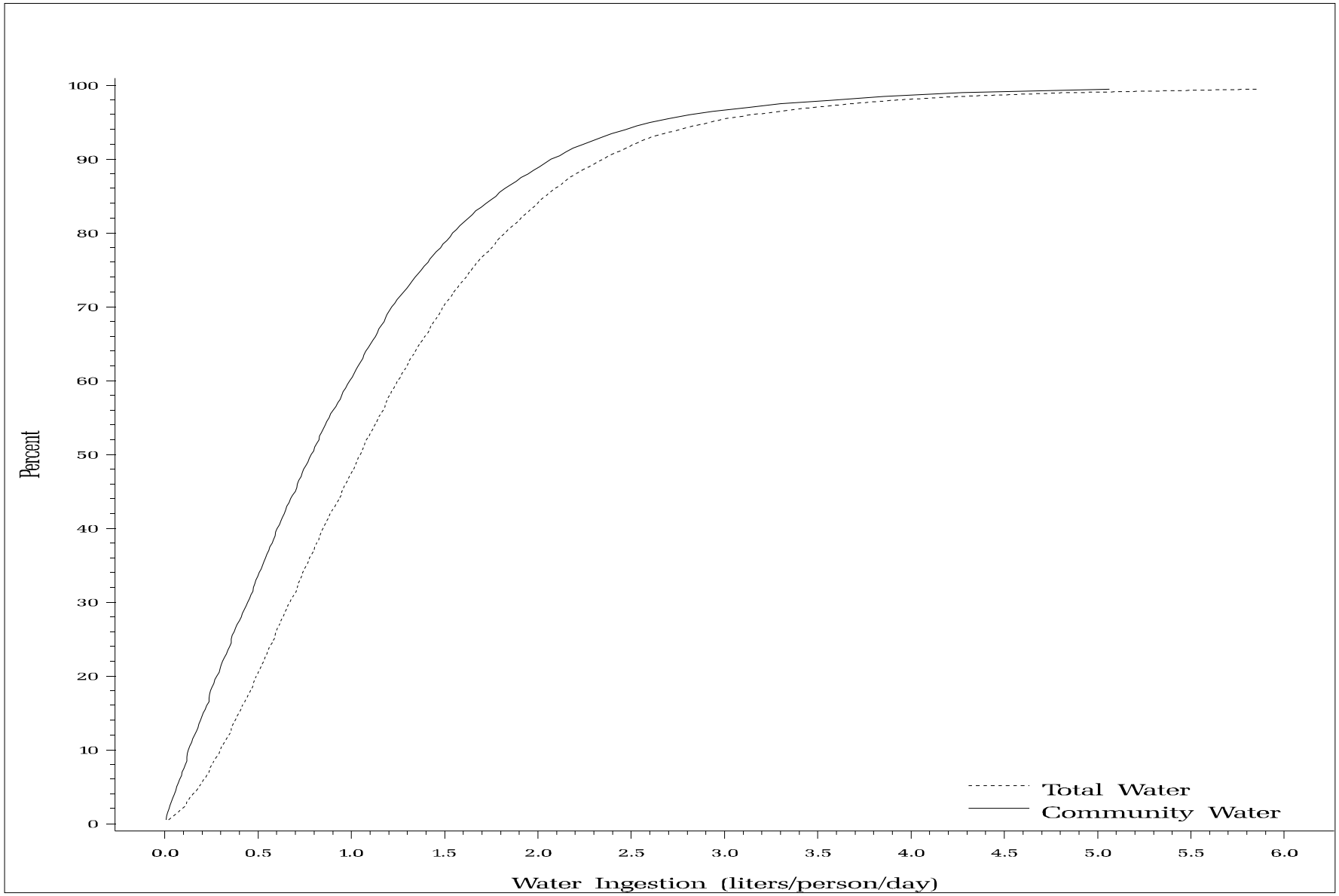


Figure 4.2.G1. Histogram of Per Capita Direct and Indirect Community Water Ingestion
Consumers Only

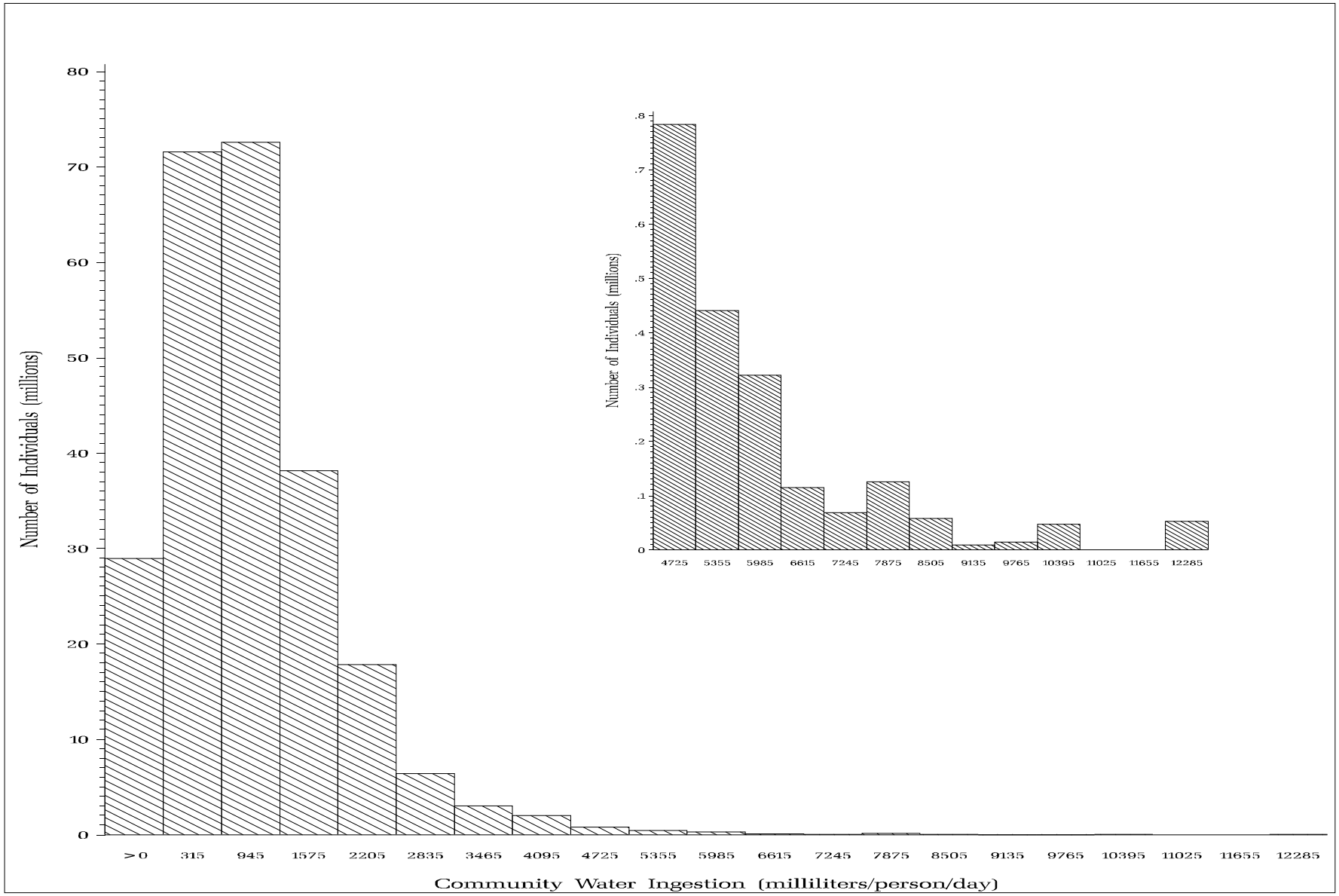


Figure 4.2.G2. Histogram of Per Capita Direct and Indirect Total Water Ingestion
Consumers Only

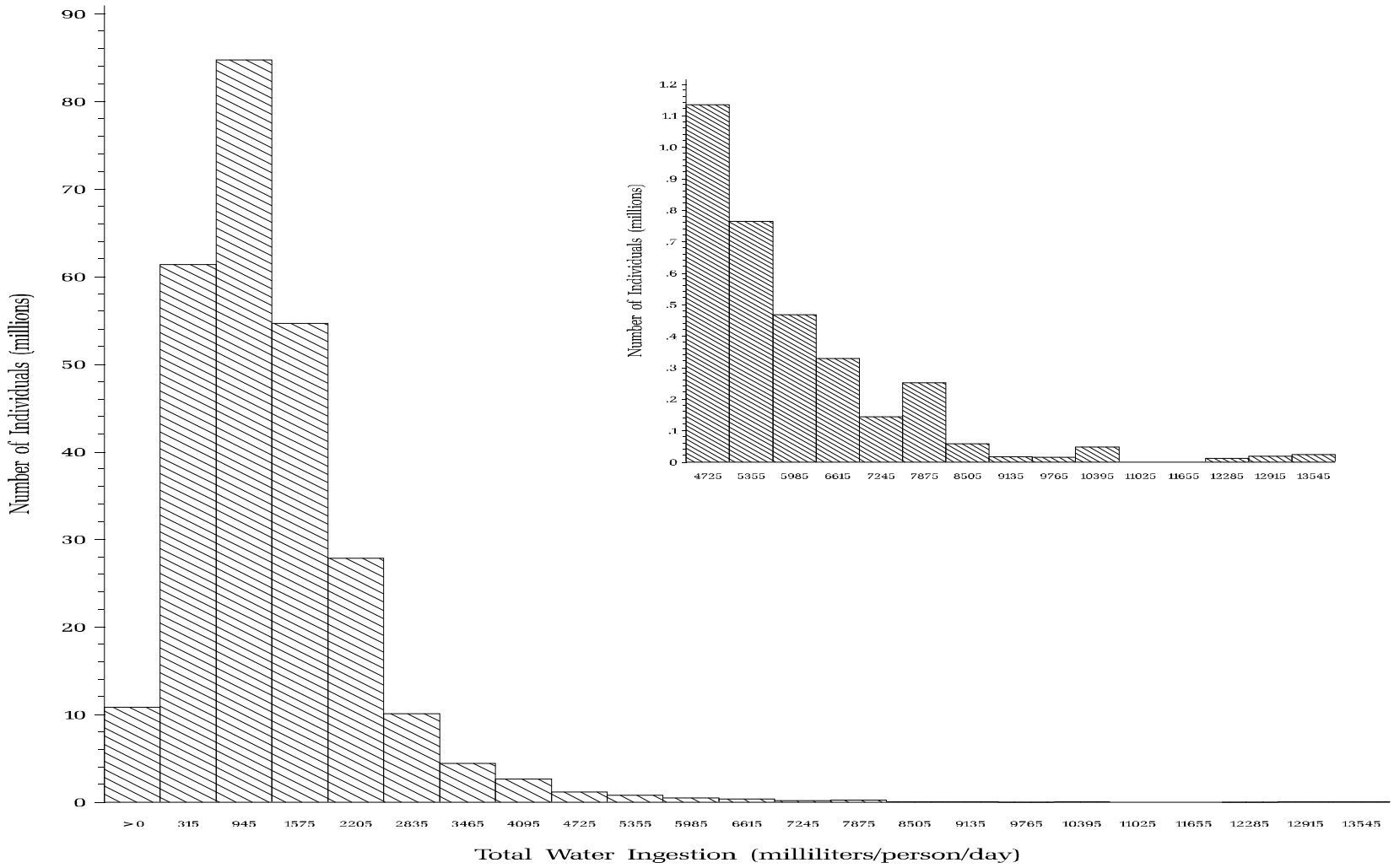


Figure 4.3.A. Cumulative Distribution of Per Capita Direct and Indirect Community Water Ingestion
Consumers Only

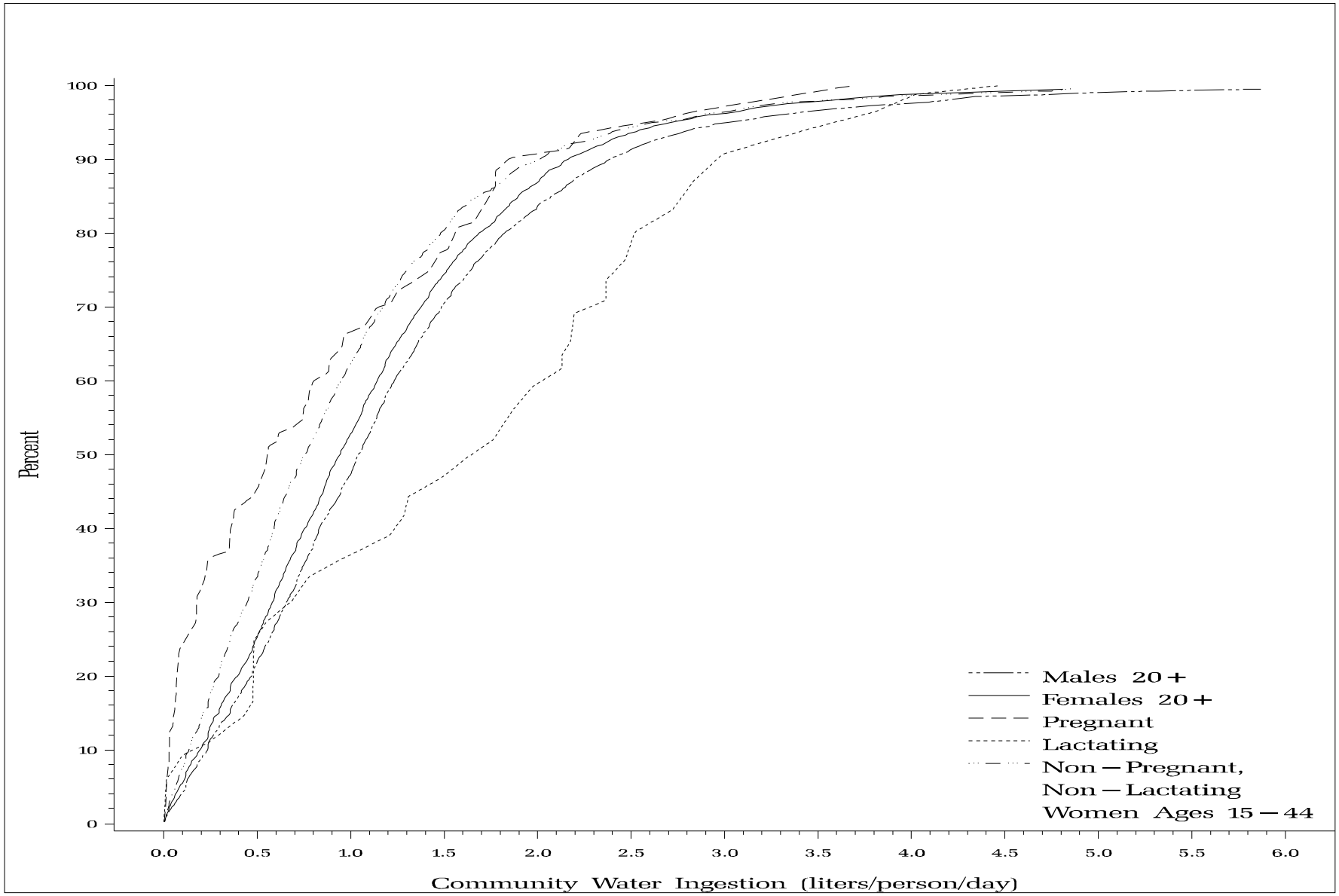
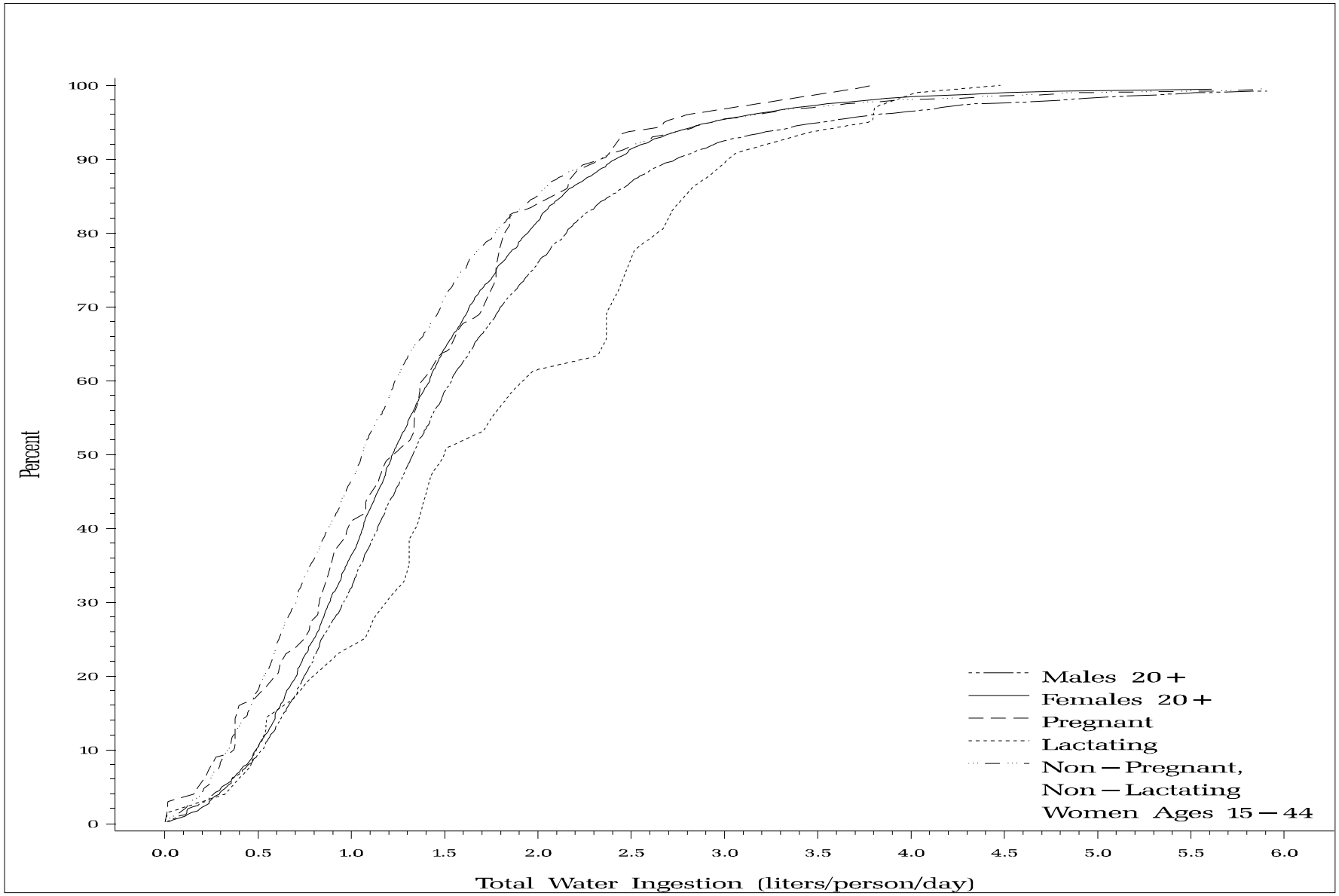


Figure 4.3.B. Cumulative Distribution of Per Capita Total Direct and Indirect Water Ingestion
Consumers Only



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5. ESTIMATES OF WATER INGESTION: ADDITIONAL RESULTS FOR FINE AGE CATEGORIES

This chapter reports per capita ingestion of water by children within small age range categories. We also augment the water ingestion estimates presented in the previous chapter by recording estimated water ingestion by adults, based on age categories that are smaller than those reported in Chapter 4. The motivation for producing estimates by smaller (or finer) age categories, especially for children, is twofold. First, the addition by the USDA of the 1998 supplemental CFSII data substantially increased the amount of available data on children. By over-sampling children 9 years of age or younger during 1998, the reported records for children increased by more than 5,000. The increased number of records allows for estimates of ingestion for categories with smaller age ranges, which permits a more detailed representation of the patterns of water ingestion especially in the young age groups. Second, consistent with Agency policy on children's health, recent draft EPA supplemental cancer risk assessment guidance of 2003 places increased emphasis on early-life exposure to carcinogens. As water ingestion is a route of possible exposure to toxins including carcinogens, water ingestion estimates for children are needed for risk assessments in early life stages. This chapter presents estimates of per capita ingestion for children younger than six months and from six moths to one year of age. Refining the Chapter 4 estimates for children in the age group of one to ten, this chapter provides ingestion estimates for children ages younger than 1, 1 to 3, 4 to 6, and 7 to 10 years of age.

Section 5.1 presents estimates of daily average per capita ingestion of community water. Each subsection characterizes ingestion estimates in two units: milliliters per person per day and milliliters per kg of body weight per day. Ingestion estimates are presented across all individuals in the specified age category and for the set of "consumers only." Section 5.2 records total water (across all sources) ingestion estimates. Section 5.3 presents comments regarding water ingestion estimates across age categories. Gender comparisons of community water ingestion estimates are presented in Section 5.4, while estimates of total water ingestion are compared by gender in Section 5.5.

5.1 Estimated Per Capita Ingestion of Community Water By Age Categories

Daily average per capita estimates of water ingestion by children 3 years of age and younger are presented in four age categories. Section 5.1.a records ingestion estimates for children younger than 6 months of age. Amounts of community water ingested by children aged 6 months to 1 year of age are characterized in Section 5.1.b. Ingestion estimates for children younger than 2 years and between the ages of 1 to 3 years are discussed in Sections 5.1.c and 5.1.d, respectively. Section 5.1.e summarizes ingestion estimates for individuals between the ages of 4 and 20. Estimates are presented in four age categories: ages 4 to 6, 7 to 10, 11 to 14, and 15 through 19.

5.1.a Children Younger than 6 Months of Age

Children younger than 6 months of age, on average, ingest the smallest daily average amount of community water when ingestion is reported in units of milliliters per person per day (see Table 5.1.A1). Children in this age category ingested an average of 296 mL/person/day of community water. This

estimate was generated from ingestion data recorded for 772 sampled individuals. The estimate projects to a U.S. population of 1,957,390 children younger than 6 months of age. When average daily per capita ingestion of community water is estimated using only records for children whose caregivers responded that the child ingested water at least once during the 2-day reporting period, the mean daily average per capita ingestion for these "consumers only" is 548 mL/person/day. Of the 772 children less than 6 months of age, the sample of "consumers only" consisted of 435 individuals (see Table 5.2.A1). Therefore, no community water was ingested either directly or indirectly through foods or beverages by 44 percent of the sampled children younger than 6 months of age. The 90 th percentile estimates of daily average per capita ingestion of community water are 859 and 985 mL/person/day for all individuals and "consumers only," respectively, that are younger than 6 months of age.

When the amount of community water ingested by children younger than 6 months of age is normalized by kilograms of body weight, the mean ingestion estimate for these infants is higher than that for any other age group. Including all 772 infants younger than 6 months in the estimation procedure yields an estimated mean daily average per capita ingestion of community water is 50 mL/kg/day. The 90 percent ingestion estimate for this age group is 146 mL/kg/day. Daily average ingestion of community water by "consumers only" in this group is estimated to be 95 mL/kg/day. The estimated 90 percent is 184 mL/kg/day.

5.1.b Children Aged 6 Months to 1 Year

On average, children between the ages of 6 months to 1 year ingest 360 mL of community water per day. The estimated 90th percentile of daily average per capita ingestion by children in this age category is 885 mL/person/day (see Table 5.1.A1). These estimates are based on a sample of 714 children. If only the 562 children whose caregivers indicated that the child ingested community water at least once during the 2-day CSFII reporting period are considered, then "consumers only" children aged 6 months to 1 year ingest an estimated 467 mL/person/day. The lower estimated mean ingestion for children in this age category is anticipated when viewing the estimated percentiles from the empirical distribution of daily average per capita ingestion of all individuals aged 6 months to 1 year. Table A.2 in Appendix E, Part I illustrates that the 25th percentile is estimated to be 17 mL/person/day. Caregivers for 152 children aged 6 months to 1 year did not record ingestion of community water. This represents 21 percent of the sample of children in this age category. Table A.2 of Appendix E, Part I also suggests that the majority of water ingested by children in this age category is from indirect sources, most probably water added to reconstitute formula. For this age category, the mean estimate of directly ingested community water is 58 mL/person/day while the estimated mean amount of daily per capita community water ingested indirectly through foods or added to beverages is 302 mL/person/day.

Normalizing the daily average per capita ingestion of community water by kilograms of body weight yields mean ingestion estimates of 41 mL/kg/day for all children aged 6 months to 1 year. "Consumers only" ingest an estimated mean daily average of 53 mL/kg/day of community water. An estimated 50 percent of these "consumers only" children ingest less than 10 mL/kg/day of community water directly as a beverage while 50 percent ingest more than 40 mL/kg/day of community water indirectly through water added to foods or beverages (see Appendix E, Part IV, Table A.2).

5.1.c Children Younger than 2 Years of Age

On average, children younger than 2 years of age ingest 298 mL/person/day of community water (see Table 5.1.A1). Table A.2 in Part I of Appendix E indicates that the majority of community water

ingestion is indirect through water added to foods or to beverages. The estimated mean amount of water ingested directly as a beverage is 93 mL/person/day while the estimated mean of indirectly ingested community water is 205 mL/person/day.

In the sample of 2,526 children in the CSFII survey that were younger than 2 years of age, caregivers reported that 1,913 (76 percent) ingested community water at least once during the 2-day reporting period. The estimated mean ingestion of community water across these 1, 913 "consumers only" aged 2 years and younger is 386 mL/person/day (see Table 5.2.A1). Estimated 90th percentiles from the distribution of daily average per capita ingestion of community water are 789 mL/person/day and 856 mL/person/day for all individuals younger than 2 years of age and its subset of "consumers only," respectively.

The estimated mean community water ingestion normalized by body weight is 34 mL/kg/day when all children younger than 2 years of age are considered in the estimation process. Twenty-five mL/kg/day is the average amount of community water ingested indirectly by these children while the direct ingestion mean estimate is 9 mL/kg/day. The estimated mean ingestion for "consumers only" is 44 mL/kg/day (see Table 5.2.A2) while the estimated 90th percentile ingestion is 109 mL/kg/day.

5.1.d Children 1 to 3 Years of Age

According to these analyses, children between the ages of 1 to 3 years ingest a mean of 311 mL/person/day of community water. On average, children in this age category ingested 181 mL/person/day directly as a beverage. Indirect ingestion of community water added to foods and beverages is estimated as 129 mL/person/day. The estimated 90th percentile of community water ingested by these children is 694 mL/person/day. The sample of children aged 1 to 3 years across the four CSFII survey years is 3,855 (see Table A.2 in Appendix E, Part I). Caregivers reported ingestion of community water at least once during the 2-day survey period for 3,422 children. Therefore, 89 percent of the samples children in this age category are "consumers only." On average, 349 mL/person/day of community water is ingested by "consumers" only. An estimated 50 percent of these children ingest more than 270 mL/person/day of community water. Since the estimated median (50 percent) is lower than the estimated mean, this suggests that the distribution of per capita daily average community water ingestion by "consumers only" contains some fairly high ingestion amounts. Table 5.2.A1 shows the estimated 90^{h} and 95th percentiles from the empirical distribution of daily average per capita community water ingestion by "consumers only" aged 1 to 3 years to be 723 mL/person/day and 946 mL/person/day, respectively.

Per kilogram, children aged one to three years ingest, on average, 23 mL/kg/day of community water. The estimated 90th percentile is 51 mL/kg/day. Table A.2 in Appendix E, Part II reports that the estimated direct community water ingestion is 13 mL/kg/day while the estimated indirect mean ingestion of community water is 10 mL/kg/day. "Consumers only" children who ingest community water at least once during the 2-day survey period, on average, ingest 26 mL/kg/day.

5.1.e Children Ages 4 to 6 and 7 to 10, and Adolescents Ages 11 to 14 and 15 to 19

On average, individuals in each of these four age categories ingest less than 1 L of community water per day. The largest estimated mean ingestion for these four age categories is 761 mL/person/day for adolescents aged 15 to 19 years. The largest sample of the four age categories is 3,202 for children four to six years of age. These 4- to 6-year old children ingest, on average, 406 mL/person/day of

community water. Individuals aged 7 to 10 and 11 to 14 ingest, on average, 453 mL/person/day and 594 mL/person/day, respectively, of community water. Table 5.1.A1 present 90 percent confidence intervals about the estimated means for each age category. The 90 percent confidence intervals about the estimated means for the age categories 7 to 10, 11 to 14, and 15 to 19 do not overlap. This suggests that the respective estimates of mean ingestion of 453 mL/person/day, 594 mL/person/day and 761 mL/person/day are statistically different.

The estimated 90th percentiles from the distributions of daily average per capita community water ingestion are less than 1 L for children in the age groups 4 to 6 years and 7 to 10 years. These 90th percentile ingestion estimates are 917 mL/person/day and 981 mL/person/day, respectively. The 90th percentile ingestion estimates for adolescents in the age categories 11 to 14 years and 15 to 19 years both exceed 1 L/person/day (see Table 5.1.A1).

"Consumers only" in the age categories 4 to 6 years and 7 to10 years ingest an average of approximately 35 mL/person/day more community water than the average ingested for all individuals in their respective age groups. For example, "consumers only" children aged 7 to 10 years ingest community water at an average rate of 487 mL/person/day, while the estimated mean ingestion for all children aged 7 to 10 years is 453 mL/person. "Consumers only" in the age category 11 to 14 years ingest an average of 47 mL/person/day more community water than the estimated mean for all individuals in their age category. The estimated mean community water ingestion for "consumers only" in the age category 15 to 19 years is 56 mL/person/day higher than the mean for the age group. Table A.2 of Part I in Appendix E suggests that individuals in these four age categories ingest more water, on average, directly as a beverage than indirectly through food and drink.

Normalizing daily average per capita ingestion of community water by body weight yields an estimated mean ingestion of 22 mL/kg/day for "consumers only" children aged 4 to 6 years. "Consumer only" children aged 7 to 10 years ingest, on average, 16 mL/kg/day of community water. Mean estimates of community water ingestion normalized by body weight are 13 mL/kg/day and 12 mL/kg/day for "consumers only" adolescents in the age categories 11 to 14 and 15 to 19 years, respectively. "Consumers only" in these two age categories record the lowest mean daily average ingestion of community water. The 90 percent confidence intervals about the estimated means for these two age groups are lower than the 90 percent confidence interval about the mean community water ingestion across all age categories of "consumers only" (see Table 5.2.A2). Estimated mean per capita ingestion of community water by body weight, when all children in the age category are considered, displays a similar pattern as "consumers only." That is, as Table 5.1.A2 indicates, children aged 4 to 6 years ingest an average of 20 mL/kg/day of community water, while the estimated mean ingestion for children 7 to 10 years is less, at 15 mL/kg/day. Again, adolescents in the age categories 11 to 14 years and 15 to 19 years ingest, on average, the lowest mL/kg/day of community water of any of the age categories.

5.2 Ingestion of Total Water (From All Sources)

The estimated mean total water ingestion (ingestion of water from all sources) for the general population is 1.233 L/person/day (90 percent confidence interval is 1.200–1.265 L/person/day). The 90th and 95th percentile of the distribution are 2.341 L/person/day and 2.908 L/person/day, respectively (see Table 5.1.B1). Daily average per capita ingestion normalized by body weight across all individuals, on average, is 21 mL/kg/day. The estimated mean ingestion of water across all sources is 5 mL/kg/day higher than that of community water. Table B.2 in Part II of Appendix E suggests that 3 mL/kg/day of total ingested water is ingested as bottled water. Estimates of daily average ingestion of water for infants,

children, and adolescents are discussed in more detail in Sections 5.2.a through 5.2.e.

5.2.a Children Younger than 6 Months of Age

For babies younger than 6 months of age, the estimated mean ingestion of total water is 448 mL/person/day (the 90 percent confidence interval is 410–487 mL/person/day). As shown in Table 5.1.B1, the 90th percentile and 95th percentile of ingestion are 957 mL/person/day (the 90 percent bootstrap interval is 946–993 mL/person/day) and 1.154 L/person/day (the 90 percent bootstrap interval is 1.070–1.204 L/person/day), respectively. The majority of daily water is ingested indirectly by children in this age category. In other words, water is ingested indirectly through water added to foods and rehydrated beverages. Table E.2 of Appendix E, Part I lists the estimated mean daily per capita direct ingestion of water for children younger than 6 months of age as 42 mL/person/day. The estimated mean daily average indirect ingestion of water through diluting formula and rehydrated beverages is 407 mL/person/day.

When estimates are calculated using only the data for children younger than 6 months whose caregivers indicate that the infant ingested water at least once during the 2-day survey period ("consumers only"), the estimated mean daily average ingestion of water from all sources is 596 mL/person/day. The 90 percent confidence interval about this estimated mean is 564–629 mL/person/day. Both the estimated 90th percentile and 95th percentile from the distribution of daily average per capita ingestion of water from all sources for "consumers only" younger than 6 months of age exceed 1 L (1.022 L/person/day and 1.208 L/person/day, respectively), as shown in Table 5.2.B1.

Table 5.1.B2 illustrates that on average, infants younger than 6 months of age ingest 77 mL/kg/day of water from all sources. For "consumers only" younger than 6 months of age, the estimated mean daily ingestion of water normalized by body weight is 104 mL/kg/day (see Table 5.2.B2). The 90 percent confidence interval about the estimated mean ingestion by children younger than 6 months ranges from 70 mL/kg/day to 84 mL/kg/day. When estimates are based on "consumers only," the 90 percent confidence interval about the estimated mean ingestion ranges from 97 mL/kg/day to 110 mL/kg/day. Since the confidence intervals do not overlap, the mean ingestion of water from all sources by the "consumers only" group of children younger than 6 months of age is statistically higher than that for all children younger than 6 months of age.

5.2.b Children Aged Six Months to One Year

For children aged 6 months to 1 year, the estimated mean ingestion of water from all sources is 530 mL/person/day. Table E.2 in Appendix E, Part I shows that, on average, children between the ages of 6 months and 1 year ingest 100 mL/person/day of water directly as a beverage and 430 mL/person/day indirectly from water added to foods and beverages.

Normalizing the amount of water ingested by body weight yields a mean ingestion estimate of water from all sources of 59 mL/kg/day. The estimated 90th percentile from the distribution of daily average per capita ingestion of water per kilogram of body weight is 118 mL/kg/day. The 90 percent bootstrap interval about the percentile estimate ranges from 110 mL/kg/day to 125 mL/kg/day.

"Consumers only" between the ages of 6 months and 1 year ingest an average of 567 mL/person/day. The 90 percent confidence interval about this mean ingestion estimate ranges from 533 mL/person/day to 601 mL/person/day (see Table 5.2.B1). Per kilogram of body weight, the average

ingestion of water from all sources by "consumers only" between the ages of 6 months to 1 year of age is 63 mL/kg/day. The 90th percentile estimate from the distribution of daily average per capita ingestion of water from all sources is 1.05 L/person/day (see Table 5.2.B1), which averages 120 mL/kg/day (see Table 5.2.B2).

5.2.c Children Younger than 2 Years of Age

The mean value of the daily total water ingestion for a child less than 2 years of age is 420 mL/person/day (the 90 percent confidence interval is 406–434 mL/person/day). The estimated 90th percentile and 95th percentile of total water ingestion are 900 mL/person/day (the 90 percent bootstrap interval is 878–925 mL/person/day) and 1.079 L/person/day (the 90 percent bootstrap interval is 1.047–1.120 L/person/day), respectively for children younger than 2 (see Table 5.1.B1). An estimated mean of 140 mL/person/day of water from all sources is ingested directly as a beverage by children younger than 2 years of age (see Table E.2 of Appendix E, Part I).

When normalized by body weight, children younger than 2 years of age ingest an average of 49 mL/kg/day of water. The 90 percent confidence interval about the mean ingestion estimate ranges from 47–50 ml/kg/day. The 90th percentile from the distribution of body weight normalized daily average per capita ingestion of water is 117 mL/person/day, while the 95th percentile estimate is 150 mL/person/day (see Table 5.1.B2).

Caregivers for 2,283 children younger than 2 years of age reported that the child ingested water at least once during the 2-day CSFII period. The average ingestion of water from all sources for these "consumers only" is 460 mL/person/day. The 90 percent confidence interval about the mean ingestion of water by "consumers only" children younger than 2 years of age ranges from 445–475 mL/person/day (see Table 5.2.B1). This estimated interval is higher than that for all children younger than two (see Table 5.1.B1). Since the 90 percent confidence intervals about the means for all children younger than 2 and for "consumers only" younger than 2 do not overlap, this indicates that the "consumers only" ingest more water on average per day. The 90th percentile estimate of daily average per capita ingestion of water by children younger than 2 years of age is 936 mL/person/day for "consumers only." The estimated mean daily water ingestion normalized by body weight is 53 mL/kg/day for "consumers only" younger than 2 years of age. The estimated 90th percentile is 120 mL/person/day.

5.2.d Children 1 to 3 Years of Age

Children aged 1 to 3 years ingest an average of 424 mL/person/day of water from all sources. This estimate is based on ingestion data reported by caregivers for 3,855 children. Since the majority (3,811 or 99 percent) of these children ingested water at least once during the 2-day survey period, the estimated mean ingestion of 428 mL/person/day for "consumers only" between the ages of 1 and 3 is not statistically different from the 424 mL/person/day mean ingestion estimate for all children in the age category. Similarly, the 90th percentile estimate from the distribution of daily average per capita ingestion of water from all sources is 823 mL/person/day for all children between the ages of 1 and 3 years and 826 mL/person/day for "consumers only" in the age category.

Children between the ages of 1 and 3 years ingest more water, on average, directly as a beverage than indirectly through water added to foods and drinks. For this age group, the estimated mean direct ingestion of water from all sources is 266 mL/person/day, while the mean estimate of water ingested indirectly from foods and beverages is 157 mL/person/day. Table E.2 of Part I in Appendix E suggests

that this age category is the first where the mean daily average of direct ingestion is higher than that of indirect ingestion.

On a per kilogram of body weight basis, children between the ages of 1 and 3 years ingest an average of 31 mL/kg/day, and the 90th percentile estimate is 60 mL/kg/day for all individuals or "consumers only" (see Table 5.1.B2 and Table 5.2.B2). The 90 percent bootstrap interval about the 90th percentile estimate ranges from 57–62 mL/kg/day for "consumers only" between the ages of 1 and 3 years (see Table 5.2.B2). When all children of this age group are included, the 90 percent bootstrap interval about the 90th percentile estimate ranges from 59–61 mL/kg/day (see Table 5.1.B2).

5.2.e Children Ages 4 to 6 and 7 to 10, and Adolescents Ages 11 to 14 and 15 to 19

The estimated 90th percentiles for daily average per capita ingestion of water from all sources exceed 1 L for children in each of the following age categories: 4 to 6, 7 to 10, 11 to 14, and 15 to 19 years of age. For children in the youngest of these four age categories, the estimated 90th percentile ingestion is 1,053 mL/person/day. The 90th percentile daily average ingestion of water from all sources for adolescents aged 15 to 19 years is 1,894 mL/person/day. Since the 90 percent bootstrap intervals about the 90th percentile estimates do not overlap, the 90th percentile estimates are considered to be statistically different and increasing as the age categories increase (see Table 5.1.B1).

The estimated mean daily average ingestion of water from all sources for each of these four age categories is less than 1 L/person/day. Children aged 4 to 6 years ingest an average of 545 mL water/person/day. The 90 percent confidence interval about the mean ingestion estimate ranges from 523–567 mL/person/day. The mean daily water ingestion estimate for children aged 7 to 10 is 607 mL/person/day, while the mean ingestion for children aged 11 to 14 is significantly greater at 811 mL/person/day (see Table 5.1.B1). Adolescents aged 15 to 19 years ingest, on average, 991 mL/person/day. Children between the ages of 4 to 6 years of age ingest approximately 2.3 times more water directly as a beverage than indirectly from water added to foods and drinks. Children in the age categories 7 to 10 years and 11 to 14 years ingest water directly as a beverage at 2.5 times the rate that they ingest water indirectly through foods and beverages.

While daily average per capita water ingestion estimates increase as the ages of the four subject age categories increase, body weight normalized ingestion estimates decrease. Table 5.1.B2 shows that children between the ages of 4 and 6 years ingest an average of 27 mL/kg/day of water. The mean water ingestion estimate for children between the ages of 7 and 10 is 20 mL/kg/day while the mean estimate for adolescents between the ages of 11 and 14 years of age is 16 mL/kg/day. The estimated mean water ingestion of 15 mL/kg/day for adolescents between the ages of 15 and 19 years of age is the lowest estimated mean ingestion rate of all age categories.

"Consumers only" between the ages of 15 to 19 years of age ingest an average of 1.007 L/person/day of water from all sources. The 90th percentile daily average water ingestion estimate for "consumers only" in the 15 to 19 years of age category is 1.898 L/person/day (90 percent bootstrap interval is between 1.817–2.026 L/person/day) (see Table 5.2.B1). The average ingestion rate of water from all sources on a body weight basis is 15 mL/kg/day for "consumers only" between the ages of 15 and 19 years of age (see Table 5.2.B2).

"Consumers only" between the ages of 4 to 6 years ingest a daily average mean of 28 mL of water per kilogram of body weight (see Table 5.2.B2). On a per capita basis, "consumers only" aged 4 to

6 years ingest 549 mL/person/day of water from all sources. The estimated 90 th percentiles from the distribution of daily average per capita water ingestion are less than 2 L for "consumers only" in the age categories 4 to 6, 7 to 10, 11 to 14, and 15 to 19 years of age (see Table 5.2.B1).

5.3 Water Ingestion Across Fine Age Groups

When viewing the estimates of all fine age categories (see Table 5.1.A1 and Table 5.2.A1), it is clear that the water ingestion estimates across all individuals are influenced substantially by individuals 20 years of age and older. For categories of children that are younger than ten years of age, the empirically estimated 90th percentiles of daily average community water ingestion are all less than 1 L per child per day, regardless of whether all individuals or only the consumers are included (see Table 5.1.A1 and Table 5.2.A1). For individuals 20 and older the estimated 90 th percentile estimate of community water ingestion is 2.2 L per person per day.

Parts I and III of Appendix E present empirical distribution percentile estimates for daily average per capita ingestion of community water ingested directly or indirectly. Table A.2 shows ingestion estimates of community water for fine age groups. The estimated mean daily averages of community water ingested directly by infants younger than 6 months and by those 6 months to 1 year of age are lower than the estimated means of indirectly ingested community water. The estimated mean of directly ingested water for children younger than 2 years of age is also less than that for indirectly ingested water. This is intuitive as the infants and children younger than 1 year of age are consuming water which has been added to reconstitute formula and juices. After these age groups, the mean directly ingested community water is higher than the mean indirectly ingested for all other age groups with the exception of the 55 to 64 age group.

The histograms presented in Figure 5.1.A1 suggest a "stair step" like increase in mean per capita ingestion estimates for the three consecutive fine age categories from 7 to19 years of age. Table 5.1.A1 shows that the estimated mean ingestion of community water from children in the 7 to 10 age category is 453 mL/person/day. The estimated mean for the next age category (11 to 14 year of age) increases by roughly 150 mL/person/day and the 15 to 19 year category ingests an estimated mean daily average amount of community water that is also close to 150 mL higher than that of the 11 to14 year olds. The same pattern is displayed in Figure 5.2.A1 and Table 5.2.A1 for "consumers only."

The estimated mean daily average per capita ingestion for children from 6 months to 1 year of age is 360 mL/person/day. This estimated mean ingestion is 64 mL/person/day higher than that for infants younger than 6 months of age (296mL/person/day). The 90 percent confidence intervals about the estimated mean daily average per capita ingestion for each of those two age groups do not overlap. This suggests that the estimated means are statistically different. For "consumers only," the estimated mean ingestion by children 6 months to 1 year of age (467 mL/person/day) is lower than that for children younger than 6 months of age (548 mL/person/day) by 81 mL/person/day. Again, the 90 percent confidence intervals about the mean estimates do not overlap and the mean ingestion estimates are considered statistically different (see Table 5.2.A1). When viewing the estimated percentiles of the empirical distribution of "consumers only" aged 6 months to 1 year, all estimated percentiles except the 95th and 99th are lower for "consumers only" in the 6 months to 1 year of age cohort than the estimated percentiles for consumers younger than 6 months (see Appendix E–Part III, Table A.2). The appendix table illustrates that the percentiles of the distribution of indirect water ingestion is higher in the children younger than 6 months whereas the direct ingestion is higher for the children 6 months to 1 year.

When all individuals are included, the mean ingestion of community water across all age categories is 926 mL/person/day and the 90 percent confidence interval about the mean is 903–949 mL/person/day. The estimated 90th percentile of the daily water ingestion is 2.014 L. A 90 percent bootstrap interval about the 90th percentile intake estimate is 1.996–2.048 L (see Table 5.1.A1). Mean estimates of daily average per capita ingestion of both community water and total water are statistically higher (α=0.10) for males than for females (see Tables 5.1.A1 and 5.1.B1). Gender means are not statistically different for body weight normalized water ingestion estimates.

For "consumers only," the mean ingestion of community water across all age categories is 1 L/person/day, and the 90 percent confidence interval about the mean is 0.977–1.023 L. The estimated 90th percentile of daily community water ingestion is 2.069 L and a 90 percent bootstrap interval about the 90th percentile intake estimate is 2.026–2.130 L (see Table 5.2.A1).

Normalizing daily average per capita ingestion by body weight reverses the ranking of per capita ingestion. When all individuals are included in the estimates, the lowest group mean and upper percentile estimates of daily average per capita ingestion from community water (reported per kilogram of body weight) is for individuals aged 15 to 19 years old (see Table 5.1.A2 and Table A.2 in Part II of Appendix E), and the highest is for individuals younger than 6 months (see Table 5.1.A2 and Figure 5.1.A2).

Adults 20 years and older have a mean daily average per capita ingestion of 15 mL/kg/day, and children less than 2 years of age have a mean daily average per capita ingestion of 34 mL/kg/day (see Table 5.1.A2). This pattern is similar for "consumers only" (see Table 5.2.A2). Thus, based on per kilogram body weight, children younger than 2 years of age ingest approximately two to three times the estimated amount of community water as an average adult 20 years or older.

5.4 Gender Comparison of Community Water Ingestion For Fine Age Categories

Mean daily average per capita ingestion of community water is statistically higher for females (394 mL/person/day) between 6 months and 1 year of age than for males (325mL/person/day) in that age category. This relationship is true for both per capita daily ingestion and body weight normalized ingestion. Females younger than 2 years of age ingest more community water (314 mL/person/day), on average, than their male cohorts (282 mL/person/day). The mean daily average ingestion of community water by males in the age categories 11 to 14 years and 15 to 19 is statistically higher than the mean ingestion by females in their age cohorts. When mean ingestion estimates are normalized by body weight, the amount of community water ingested per day no longer is statistically different for individuals between the ages of 15 to 19 years. Estimates of mean daily average per capita ingestion of community water do not differ statistically between genders at the α=0.10 level for the following age categories: infants younger than 6 months of age, children between the ages of 1 and 3 years and 4 to 6 years.

5.4.a Children Younger than 6 Months of Age by Gender

Females younger than 6 months of age ingest an average of 301 mL/person/day of community water while the males in the age same cohort ingest an average of 291 mL/person/day. However, Table 5.1.A1 shows that the 90 percent confidence intervals about the estimated means by gender overlap. This overlapping of confidence intervals about the estimated gender means suggests that mean daily average ingestion of community water is not statistically different between genders for infants that are younger than 6 months of age. When "consumers only" younger than 6 months of age are considered, the estimated mean ingestion of community water by females (539 mL/person/day) is lower than that by

males (558 mL/person/day), but the means are not significantly different (see Table 5.2.A1).

Table 5.1.A1 lists the estimated 90th percentile from the distribution of community water ingestion by females as 851 mL/person/day with a 90 percent bootstrap interval estimate about the 90th percentile ranging from 815 mL to 891 mL/person day. For males younger than 6 months of age, the estimated 90th percentile from the distribution of daily average per capita community water ingestion is 875 mL/person/day (the 90 percent bootstrap interval is 856–891 mL/person/day). The estimated 90th percentile from the distribution of community water ingestion by "consumers only" females younger than 6 months of age is 961mL/person/day, while the estimated 90th percentile for the male "consumers only" age cohort is 992 mL/person/day (see Table 5.2.A1).

When daily average per capita ingestion of community water is normalized by body weight, females younger than 6 months of age ingest an average of 54 mL/kg/day while males ingest an average of 47 mL/kg/day. The average daily per capita ingestion of community water across gender for infants younger than six months of age is 50 mL/kg/day (see Table 5.1.A2). The estimated 90th percentile of community water ingestion by females younger than 6 months of age is 156 mL/kg/day while that for males is 139 mL/kg/day. If "consumers only" younger than 6 months are considered, the estimated 90th percentile is 191 mL/kg/day for females and 170 mL/kg/day for males (see Table 5.2.A2). Estimated gender means for "consumers only" infants younger than 6 months are 98 mL/kg/day and 91 mL/kg/day for females and males, respectively.

5.4.b Children Aged 6 Months to 1 Year by Gender

Females between the ages of 6 months and 1 year of age (394 mL/person/day) ingest, on average, more community water than their male cohorts (325 mL/person/day). The gender means for this age category are statistically different at the α=0.10 level. "Consumers only" females in the age group ingest statistically higher amounts of community water per day, on average, than their male cohort (see Table 5.2.A1). The estimated 90th percentile from the distribution of daily average per capita community water ingestion is 979 mL/person/day by "consumers only" females and 959 mL/person/day for "consumers only" males.

Body weight normalized amounts of community water ingested per day produce statistically higher means (47 mL/kg/day) for females than for males (35 mL/kg/day). Mean estimates of body weight normalized ingestion of community water are statistically higher for "consumers only" females (59 mL/kg/day) than for "consumers only" males in the same age cohort (47 mL/kg/day).

5.4.c Children Younger than 2 Years of Age by Gender

Females younger than 2 years of age ingest a higher average amount of community water per day than males in the same age group. This is true using estimates using all the individuals of the given gender in the age category and using estimates produced using "consumers only." The estimated mean community water ingestion by all females younger than 2 years of age is 314 mL/person/day, while males ingest an average of 282 mL/person/day. The estimated 90th percentiles from the distribution of average daily per capita ingestion of community water are 797 mL/person/day and 783 mL/person/day for females and males, respectively. The body weight normalized mean ingestion estimate for females younger than 2 years of age is 38 mL/kg/day, while the estimated ingestion by the male cohort is 31 mL/kg/day. For "consumers only" females younger than 2 years of age, the estimated mean community water ingestion is 397 mL/person/day or 47 mL/kg/day. The 90th percentile ingestion estimates for female "consumers

only" younger than 2 years of age are 852 mL/person/day and 114 mL/kg/day. For male "consumers only" younger than 2 years of age, the estimated mean ingestion of community water is 375 mL/person/day or 41 mL/kg/day, while the estimated 90 th percentile ingestion amount is 858 mL/person/day or 101 mL/kg/day.

5.4.d Children Aged One to Three Years by Gender

Mean community water ingestion estimates do not differ statistically by gender for children between 1 to 3 years of age. This is true whether mean estimates are evaluated by gender for all individuals within the age category (see Table 5.1.A1) or for just "consumers only" (see Table 5.2.A1). Body weight normalized mean community water ingestion by females between the ages of 1 and 3 years is 24 mL/kg/day with a 90 percent confidence interval about this mean estimate ranging from 23 mL/kg/day to 25 mL/kg/day. For males between the ages of 1 to 3 years, the estimated mean ingestion of community water is 21 mL/kg/day (the 90 percent confidence interval is 20–23 mL/kg/day). For "consumers only" in this age category, body weight normalized community water ingestion is 27 mL/kg/day for females and 24 mL/kg/day for males. The 90 percent confidence intervals about the weight normalized means for the genders overlap indicating that there is insufficient evidence at the α=0.10 level to declare these means to be different.

5.4.e Children Ages 4 to 6 and 7 to 10, and Adolescents Ages 11 to 14 and 15 to 19 by Gender

Mean ingestion of community water does not differ by gender for children in the age categories of 4 to 6 years or 7 to 10 years of age. However, mean daily per capita ingestion of community water is statistically higher for males than for females in the age groups 11 to 14 years of age and 15 to 19 years of age (see Table 5.1.A1 and Figure 5.1.A1). Mean ingestion estimates do not differ statistically by gender for any of the four age categories when estimates are normalized by body weight (see Table 5.1.A2).

Mean community water ingestion by male "consumers only" is statistically higher than that by female "consumers only" in the age categories of 11 to 14 years and 15 to 19 years. The estimated mean ingestion by male "consumers only" between the ages of 15 and 19 years is 928 mL/person/day while the estimated mean for female "consumers only" aged 15 to 19 is 699 mL/person/day (see Table 5.2.A1 and Figure 5.2.A1). The body weight normalized mean community water ingestion estimate for female "consumers only" aged 15 to 19 years does not differ statistically from that of male "consumers only" in the age cohort.

5.5 Gender Comparison of Total Water (From all Sources) Ingestion For Fine Age Categories

Daily averages per capita of total water ingestion for males 11 to 14 and 15 to 19 years of age are statistically higher, on average, than those for females of their respective age cohorts. The difference is observed at the α=0.10 level for both "all individuals" and "consumers only" estimates. There is no statistical difference in means between genders when daily average per capita ingestion is normalized by body weight. No other statistically significant differences were observed between genders for mean total water ingestion estimates within the fine age categories of children and adolescents.

5.5.a Children Younger than Six Months of Age by Gender

Mean daily average ingestion of total water does not differ statistically between females and males when all individuals younger than 6 months of age are considered (see Table 5.1.B1). This is also

true for mean ingestion estimates normalized by body weight (see Table 5.1.B2). When "consumers only" younger than 6 months of age are considered, means of total water ingestion and body weight normalized ingestion means do not differ statistically between genders at the α=0.10 level.

5.5.b Children Aged Six Months to One Year by Gender

No statistically significant differences in mean estimates of total water ingestion by children aged 6 months to 1 year were observed between gender. Females ingest, on average, 538 mL/person/day of water from all sources, while their male cohorts ingest an mean of 521 mL/person/day of water from all sources (see Table 5.1.B1). Notice that gender mean estimates of community water ingestion were statistically different between genders for children in this age category (see Section 5.4.b). The estimated mean community water ingestion by females between 6 months to 1 year of age is 394 mL/person/day. Mean daily community water ingestion for males in the age cohort is 325 mL/person/day (see Table 5.1.A1). Table B.2 in Appendix E Part I lists the mean daily average ingestion of bottled water as 110 mL/person/day and 130 mL/person/day for females and males, respectively. Mean ingestion estimates of water from other sources such as wells and cisterns are 32 mL/person/day and 59 mL/person/day for females and males, respectively in the age category (see Appendix E, Part I, Table C.2). This data suggest that males between 6 months and 1 year of age ingest more water per day from noncommunity sources than do their female cohorts.

5.5.c Children Younger than 2 Years of Age by Gender

Estimated means of daily average per capita ingestion of water from all sources do not differ statistically at the α=0.10 level by gender for children younger than 2 years of age. No statistical difference was detected between genders for both the "all individuals" and "consumers only" ingestion mean estimates. When daily average per capita ingestion of water from all sources is normalized by body weight, the estimated means by gender for all individuals younger than 2 years of age are marginally nonsignificant. The 90 percent confidence interval about the mean estimate of ingestion by females ranges from 49 to 53 mL/kg/day while the 90 percent confidence interval about the estimated daily average ingestion by males younger than 2 years of age is 43 to 49 (see Table 5.1.B2). Body weight normalized mean ingestion estimates do not differ statistically by gender for "consumers only" younger than 2 years of age.

5.5.d Children Aged One to Three Years by Gender

Mean ingestion of water from all sources do not differ statistically for children between the ages of 1 and 3 years. This is true when the 90 percent confidence interval about the female mean ingestion estimate is compared to the 90 percent confidence interval about the male ingestion mean estimate for "all individuals," "consumers only," and body-weight normalized "consumers only" between 1 and 3 years of age. The difference between body weight normalized ingestion means by gender are marginally nonsignificant when all individuals between the ages of 1 and 3 years are used in the estimation procedure. This pattern is similar to that described for children younger than 2 years of age (see Section 5.5.c).

5.5.e Children Ages 4 to 6 and 7 to 10, and Adolescents Ages 11 to 14 and 15 to 19 by Gender

Daily average per capita ingestion of water from all sources (total water) is higher, on average, for males than for females in the age categories of 11 to 14 years and 15 to 19 years. This is true for

estimates from “all individual” and “consumers only.” Mean daily average total water ingestion estimates for “all individuals” and “consumers only” do not differ statistically by gender at the α=0.10 level for children 4 to 6 or 7 to 10 years of age (see Tables 5.1.B1 and 5.2.B1). If normalized by body weight, the means are not statistically different by gender (see Tables 5.1.B2 and 5.2.B2). However, for children aged 11 to 14 years, the nonsignificance between gender means is marginal. The 90 percent confidence interval about the mean daily average total water ingestion by males in this age category ranges from 16–20 mL/kg/day, while the range for the confidence interval about the female mean ingestion estimate is 14–16 mL/kg/day. This marginal nonsignificance is true for both “all individual” and “consumers only” estimates. Ninety percent confidence intervals about estimated body weight normalized water ingestion gender means overlap to a larger extent for children between the ages of 4 to 6, 7 to 10, and 15 to 19.

Table 5.1.A1. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	397	969,255	301	267	335	851	815	891	1,004*	950*	1,068*
0.5-0.9	366	951,020	394	356	431	889	860	1,008	1,050*	1,032*	1,102*
<2	1,285	3,944,710	314	296	333	797	752	837	984	918	1,008
1-3	1,904	5,950,922	316	299	333	705	661	737	936	855	978
4-6	1,578	6,190,139	394	366	422	877	828	937	1,146	1,043	1,269
<6	3,972	11,933,058	343	330	356	800	772	820	982	957	1,017
7-10	526	7,360,077	430	391	468	976	948	1,003	1,143	1,123	1,253
11-14	411	7,842,774	525	480	570	1,193	1,075	1,297	1,546	1,297	1,746
15-19	414	8,653,223	653	588	718	1,478	1,283	1,583	1,864	1,578	2,332
20 +	4,572	96,012,199	1,039	1,005	1,072	2,126	2,041	2,196	2,652	2,542	2,773
20-24	348	9,493,971	911	777	1,046	1,907	1,753	2,023	2,839	2,366	3,077
25-54	2,408	56,955,268	1,023	991	1,054	2,139	2,086	2,215	2,761	2,605	2,839
55-64	767	11,601,536	1,117	1,036	1,198	2,189	2,116	2,269	2,570	2,485	2,678
65 +	1,049	17,961,424	1,108	1,044	1,171	2,052	2,010	2,130	2,429	2,315	2,604
All ages	10,168	133,929,609	879	854	903	1,932	1,870	1,995	2,419	2,318	2,485

Table 5.1.A1. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	375	988,135	291	252	330	875	856	891	1,009*	946*	1,052*
0.5-0.9	348	913,951	325	284	367	876	798	955	1,066*	992*	1,217*
<2	1,241	4,061,919	282	262	301	783	721	850	953	878	1,011
1-3	1,951	6,416,296	306	290	321	684	658	714	881	829	945
4-6	1,624	6,149,430	419	400	438	955	876	1,001	1,154	1,085	1,232
<6	4,001	12,486,535	342	330	354	804	781	834	1,030	992	1,066
7-10	574	8,042,450	474	440	508	984	924	1,049	1,244	1,143	1,464
11-14	405	7,722,366	665	595	734	1,541	1,403	1,648	1,940	1,664	1,994
15-19	411	9,335,573	861	770	952	1,781	1,658	1,900	2,194	2,026	3,363
20 +	4,751	88,399,426	1,162	1,125	1,199	2,337	2,296	2,388	2,935	2,843	3,106
20-24	338	9,229,169	1,039	854	1,224	2,297	1,925	2,925	3,365	2,514	3,711
25-54	2,515	56,499,994	1,182	1,141	1,224	2,366	2,301	2,453	3,027	2,840	3,220
55-64	777	9,588,910	1,172	1,095	1,249	2,306	2,241	2,453	2,808	2,703	2,960
65 +	1,121	13,081,353	1,153	1,091	1,214	2,225	2,158	2,288	2,624	2,572	2,724
All ages	10,439	127,967,627	975	944	1,006	2,113	2,057	2,153	2,660	2,590	2,740

Table 5.1.A1. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	772	1,957,390	296	263	329	859	851	878	1,012	950	1,028
0.5-0.9	714	1,864,971	360	329	392	885	834	944	1,055	1,008	1,181
<2	2,526	8,006,629	298	283	312	789	747	824	972	936	993
1-3	3,855	12,367,218	311	297	324	694	675	712	924	879	953
4-6	3,202	12,339,569	406	387	426	917	875	949	1,150	1,092	1,230
<6	7,973	24,419,593	342	332	353	802	775	828	1,008	976	1,030
7-10	1,100	15,402,527	453	420	485	981	926	1,024	1,202	1,132	1,279
11-14	816	15,565,140	594	546	642	1,365	1,235	1,494	1,717	1,611	1,882
15-19	825	17,988,796	761	698	823	1,610	1,549	1,775	2,063	1,843	2,518
20 +	9,323	184,411,625	1,098	1,068	1,127	2,224	2,178	2,285	2,801	2,707	2,869
20-24	686	18,723,140	974	873	1,076	2,036	1,893	2,332	3,041	2,848	3,312
25-54	4,923	113,455,262	1,102	1,073	1,131	2,271	2,197	2,325	2,863	2,812	2,977
55-64	1,544	21,190,446	1,142	1,077	1,207	2,247	2,174	2,345	2,679	2,604	2,740
65 +	2,170	31,042,777	1,127	1,073	1,180	2,139	2,103	2,186	2,551	2,500	2,637
All ages	20,607	261,897,236	926	903	949	2,014	1,996	2,048	2,544	2,500	2,584

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 11:59 m:\pw\ostwater\req007\req123103\R007_51A1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 5.1.A2. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	383	935,936	54	46	62	156	141	173	197*	183*	224*
0.5-0.9	345	898,290	47	41	52	107	101	117	129*	124*	170*
<2	1,227	3,777,633	38	35	40	104	98	110	132	125	144
1-3	1,794	5,618,977	24	23	25	54	51	56	69	63	73
4-6	1,468	5,771,300	20	19	21	46	45	48	59	55	66
<6	3,739	11,271,167	27	26	28	63	59	67	91	87	98
7-10	491	6,895,811	14	13	16	32	31	34	39	36	42
11-14	398	7,660,943	11	10	11	25	22	26	28*	26*	30*
15-19	407	8,531,043	11	10	12	25	22	28	33	29	38
20 +	4,437	93,104,821	16	15	16	33	31	33	40	39	41
20-24	340	9,230,121	14	12	16	31	30	34	38	34	41
25-54	2,331	55,163,329	15	15	16	33	32	33	41	39	44
55-64	741	11,126,465	16	15	18	33	32	34	40	38	42
65 +	1,025	17,584,906	17	16	18	33	31	35	38	36	40
All ages	9,723	129,417,121	16	16	17	33	33	34	43	42	45

Table 5.1.A2. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	361	954,525	47	39	54	139	137	148	172*	160*	191*
0.5-0.9	333	872,410	35	31	39	95	83	108	122*	113*	127*
<2	1,197	3,917,902	31	28	33	87	84	94	118	113	126
1-3	1,851	6,127,169	21	20	23	49	47	52	62	59	66
4-6	1,520	5,799,447	21	20	22	45	42	49	61	55	68
<6	3,791	11,889,007	25	23	26	59	55	62	82	79	86
7-10	537	7,645,200	15	14	16	33	29	35	40	36	45
11-14	392	7,522,213	13	12	15	28	25	33	40*	34*	45*
15-19	409	9,294,121	12	11	13	25	23	26	32	29	34
20 +	4,724	87,950,403	14	14	15	29	29	30	37	36	38
20-24	336	9,172,756	13	11	15	29	24	34	39	29	45
25-54	2,499	56,219,548	14	14	15	29	28	31	39	37	40
55-64	775	9,564,795	14	13	15	28	27	29	33	32	35
65 +	1,114	12,993,304	15	14	16	29	28	31	33	32	36
All ages	10,127	126,165,488	15	15	16	31	31	32	41	39	43

Table 5.1.A2. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	744	1,890,461	50	44	56	146	138	161	189	162	205
0.5-0.9	678	1,770,700	41	37	45	102	99	112	126	119	130
<2	2,424	7,695,535	34	32	36	97	91	101	126	119	132
1-3	3,645	11,746,146	23	22	24	51	49	53	65	63	69
4-6	2,988	11,570,747	20	20	21	46	44	47	60	57	64
<6	7,530	23,160,174	26	25	27	60	59	63	87	83	89
7-10	1,028	14,541,011	15	14	16	32	31	34	39	36	43
11-14	790	15,183,156	12	11	13	26	24	27	34	30	38
15-19	816	17,825,164	12	11	12	25	23	28	32	29	37
20 +	9,161	181,055,224	15	15	15	31	31	31	39	38	39
20-24	676	18,402,877	14	12	15	31	25	33	38	35	45
25-54	4,830	111,382,877	15	14	15	31	30	32	40	39	41
55-64	1,516	20,691,260	15	14	16	31	29	32	38	36	39
65 +	2,139	30,578,210	16	15	17	31	31	32	37	36	37
All ages	19,850	255,582,609	16	15	16	32	32	33	43	41	44

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:32 m:\pw\ostwater\req007\req123103\R007_51A2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 5.1.B1. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	397	969,255	427	381	473	946	896	963	1,073*	1,024*	1,177*
0.5-0.9	366	951,020	538	492	584	1,009	969	1,056	1,316*	1,195*	1,485*
<2	1,285	3,944,710	422	406	439	898	857	951	1,074	1,023	1,177
1-3	1,904	5,950,922	424	405	444	828	785	879	1,031	976	1,099
4-6	1,578	6,190,139	532	502	561	995	955	1,078	1,276	1,254	1,409
<6	3,972	11,933,058	464	448	480	918	890	941	1,110	1,076	1,156
7-10	526	7,360,077	599	558	640	1,083	1,022	1,147	1,342	1,242	1,449
11-14	411	7,842,774	730	672	789	1,415	1,297	1,538	1,797	1,639	1,882
15-19	414	8,653,223	904	826	982	1,803	1,568	1,930	2,128	1,930	2,455
20 +	4,572	96,012,199	1,383	1,348	1,419	2,413	2,375	2,471	2,925	2,835	2,994
20-24	348	9,493,971	1,195	1,051	1,339	2,019	1,837	2,105	3,140	2,848	4,089
25-54	2,408	56,955,268	1,386	1,343	1,429	2,477	2,416	2,519	3,023	2,957	3,127
55-64	767	11,601,536	1,497	1,437	1,557	2,475	2,388	2,576	2,851	2,685	2,990
65 +	1,049	17,961,424	1,402	1,356	1,447	2,224	2,160	2,337	2,551	2,488	2,664
All ages	10,168	133,929,609	1,176	1,148	1,204	2,215	2,167	2,285	2,700	2,633	2,789

Table 5.1.B1. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	375	988,135	469	422	517	979	947	1,026	1,233*	1,095*	1,351*
0.5-0.9	348	913,951	521	481	561	1,054	996	1,100	1,276*	1,260*	1,358*
<2	1,241	4,061,919	418	396	439	901	864	963	1,081	1,020	1,183
1-3	1,951	6,416,296	423	406	440	810	775	850	1,025	963	1,088
4-6	1,624	6,149,430	559	538	580	1,076	1,053	1,113	1,305	1,241	1,351
<6	4,001	12,486,535	476	461	491	952	927	980	1,148	1,116	1,195
7-10	574	8,042,450	614	578	650	1,134	1,054	1,227	1,466	1,293	1,480
11-14	405	7,722,366	893	801	985	1,737	1,639	1,955	2,121	1,974	2,483
15-19	411	9,335,573	1,071	986	1,156	1,985	1,873	2,095	2,674	2,496	3,700
20 +	4,751	88,399,426	1,542	1,494	1,591	2,738	2,657	2,788	3,517	3,383	3,691
20-24	338	9,229,169	1,348	1,175	1,521	2,807	2,332	3,387	3,669	3,019	4,259
25-54	2,515	56,499,994	1,576	1,510	1,641	2,812	2,725	2,914	3,771	3,575	3,986
55-64	777	9,588,910	1,568	1,503	1,633	2,676	2,560	2,839	3,174	3,009	3,366
65 +	1,121	13,081,353	1,518	1,473	1,563	2,508	2,395	2,587	2,837	2,752	3,008
All ages	10,439	127,967,627	1,292	1,250	1,334	2,478	2,425	2,522	3,138	3,032	3,263

Table 5.1.B1. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	772	1,957,390	448	410	487	957	946	993	1,154	1,070	1,204
0.5-0.9	714	1,864,971	530	496	563	1,029	981	1,100	1,278	1,142	1,385
<2	2,526	8,006,629	420	406	434	900	878	925	1,079	1,047	1,120
1-3	3,855	12,367,218	424	409	439	823	805	839	1,029	1,000	1,065
4-6	3,202	12,339,569	545	523	567	1,053	1,032	1,078	1,303	1,259	1,351
<6	7,973	24,419,593	470	456	484	937	910	951	1,132	1,104	1,167
7-10	1,100	15,402,527	607	575	639	1,129	1,024	1,164	1,418	1,294	1,468
11-14	816	15,565,140	811	744	878	1,622	1,549	1,742	1,961	1,841	2,002
15-19	825	17,988,796	991	929	1,053	1,894	1,806	2,015	2,385	2,177	2,668
20 +	9,323	184,411,625	1,460	1,422	1,498	2,549	2,510	2,602	3,194	3,036	3,313
20-24	686	18,723,140	1,271	1,170	1,371	2,506	2,233	2,848	3,608	2,978	4,259
25-54	4,923	113,455,262	1,480	1,429	1,531	2,631	2,546	2,759	3,333	3,195	3,492
55-64	1,544	21,190,446	1,529	1,477	1,581	2,557	2,485	2,631	2,997	2,901	3,092
65 +	2,170	31,042,777	1,451	1,412	1,489	2,323	2,279	2,388	2,708	2,632	2,760
All ages	20,607	261,897,236	1,233	1,200	1,265	2,341	2,303	2,377	2,908	2,812	2,975

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 13:34 m:\pw\ostwater\req007\req123103\R007_51B1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 5.1.B2. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	383	935,936	79	70	88	184	170	191	221*	204*	247*
0.5-0.9	345	898,290	62	55	68	118	112	128	167*	132*	171*
<2	1,227	3,777,633	51	49	53	123	118	130	164	146	171
1-3	1,794	5,618,977	32	30	33	61	58	66	80	72	85
4-6	1,468	5,771,300	27	26	28	52	50	54	66	63	69
<6	3,739	11,271,167	37	35	38	78	75	82	109	102	117
7-10	491	6,895,811	20	19	21	36	34	39	45	43	47
11-14	398	7,660,943	15	14	16	28	26	30	36*	32*	38*
15-19	407	8,531,043	15	14	16	29	28	32	37	33	42
20 +	4,437	93,104,821	21	20	21	37	36	37	45	44	47
20-24	340	9,230,121	19	17	21	33	32	35	42	35	74
25-54	2,331	55,163,329	21	20	22	38	36	40	47	45	49
55-64	741	11,126,465	22	21	23	38	37	39	43	42	44
65 +	1,025	17,584,906	22	21	22	35	34	37	41	39	45
All ages	9,723	129,417,121	22	21	22	39	38	39	50	48	52

Table 5.1.B2. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	361	954,525	75	65	85	163	159	174	214*	197*	224*
0.5-0.9	333	872,410	56	51	60	113	106	124	134*	131*	145*
<2	1,197	3,917,902	46	43	49	110	103	117	139	131	150
1-3	1,851	6,127,169	30	29	31	58	54	63	72	68	81
4-6	1,520	5,799,447	28	27	29	54	51	56	68	64	73
<6	3,791	11,889,007	35	34	36	74	70	79	100	93	104
7-10	537	7,645,200	19	18	21	36	35	38	45	43	50
11-14	392	7,522,213	18	16	20	37	33	40	44*	41*	49*
15-19	409	9,294,121	15	14	16	28	26	29	39	34	44
20 +	4,724	87,950,403	19	18	19	34	33	35	43	42	44
20-24	336	9,172,756	17	15	19	35	29	39	45	36	53
25-54	2,499	56,219,548	19	18	20	35	34	38	45	44	46
55-64	775	9,564,795	19	18	20	32	31	33	39	36	41
65 +	1,114	12,993,304	19	19	20	32	31	33	37	35	37
All ages	10,127	126,165,488	20	20	21	38	37	38	50	48	51

Table 5.1.B2. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	744	1,890,461	77	70	84	174	164	189	216	201	227
0.5-0.9	678	1,770,700	59	54	63	118	110	125	148	134	166
<2	2,424	7,695,535	49	47	50	117	114	120	150	145	158
1-3	3,645	11,746,146	31	30	32	60	59	61	75	71	81
4-6	2,988	11,570,747	27	26	28	53	51	55	68	63	70
<6	7,530	23,160,174	36	35	37	76	74	78	104	101	108
7-10	1,028	14,541,011	20	19	21	36	35	38	45	43	48
11-14	790	15,183,156	16	15	18	32	29	35	40	38	43
15-19	816	17,825,164	15	14	16	29	27	32	38	34	42
20 +	9,161	181,055,224	20	19	20	35	35	36	44	43	45
20-24	676	18,402,877	18	17	19	34	31	35	44	39	55
25-54	4,830	111,382,877	20	19	21	37	36	38	46	45	47
55-64	1,516	20,691,260	20	20	21	35	34	36	42	41	43
65 +	2,139	30,578,210	21	20	21	34	34	35	39	37	41
All ages	19,850	255,582,609	21	20	21	38	38	39	50	48	51

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 13:45 m:\pw\ostwater\req007\req123103\R007_51B2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 5.2.A1. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	221	541,386	539	504	573	961	815	891	1,123*	950*	1,068*
0.5-0.9	295	753,273	497	452	543	979	860	1,008	1,097*	1,032*	1,102*
<2	984	3,125,870	397	375	418	852	752	837	1,015	918	1,008
1-3	1,704	5,364,721	351	333	369	735	661	737	947	855	978
4-6	1,428	5,637,463	433	402	464	909	828	937	1,177	1,043	1,269
<6	3,401	10,350,854	395	379	411	829	772	820	1,022	957	1,017
7-10	495	6,947,469	455	415	495	987	948	1,003	1,161	1,123	1,253
11-14	379	7,171,981	574	526	623	1,216	1,075	1,297	1,564*	1,297*	1,746*
15-19	389	8,082,546	699	626	772	1,519	1,283	1,583	1,927*	1,578*	2,332*
20 +	4,227	89,385,243	1,116	1,084	1,148	2,165	2,041	2,196	2,711	2,542	2,773
20-24	326	8,994,955	962	819	1,104	1,943	1,753	2,023	2,909	2,366	3,077
25-54	2,240	53,328,911	1,092	1,061	1,124	2,196	2,086	2,215	2,823	2,605	2,839
55-64	698	10,624,269	1,220	1,151	1,289	2,248	2,116	2,269	2,607	2,485	2,678
65 +	963	16,437,108	1,210	1,154	1,267	2,121	2,010	2,130	2,520	2,315	2,604
All ages	9,138	123,884,082	950	925	975	2,004	1,932	2,040	2,483	2,419	2,583

Table 5.2.A1. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	214	515,857	558	517	598	992	856	891	1,169*	946*	1,052*
0.5-0.9	267	683,784	435	391	478	959	798	955	1,162*	992*	1,217*
<2	929	3,050,967	375	353	396	858	721	850	1,009	878	1,011
1-3	1,718	5,646,374	347	330	364	710	658	714	943	829	945
4-6	1,488	5,714,724	451	432	469	980	876	1,001	1,175	1,085	1,232
<6	3,406	10,686,487	400	388	412	851	781	834	1,073	992	1,066
7-10	532	7,379,967	516	478	554	1,007	924	1,049	1,291	1,143	1,464
11-14	380	7,260,626	707	637	777	1,555	1,403	1,648	1,963*	1,664*	1,994*
15-19	388	8,662,413	928	835	1,020	1,810	1,658	1,900	2,318*	2,026*	3,363*
20 +	4,384	82,703,542	1,242	1,207	1,277	2,387	2,296	2,388	3,016	2,843	3,106
20-24	318	8,663,072	1,107	924	1,290	2,338	1,925	2,925	3,444	2,514	3,711
25-54	2,359	53,450,658	1,250	1,204	1,296	2,403	2,301	2,453	3,146	2,840	3,220
55-64	712	8,859,843	1,268	1,200	1,337	2,397	2,241	2,453	2,911	2,703	2,960
65 +	995	11,729,969	1,286	1,235	1,336	2,268	2,158	2,288	2,648	2,572	2,724
All ages	9,371	118,567,287	1,053	1,022	1,084	2,164	2,130	2,197	2,734	2,607	2,816

Table 5.2.A1. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	435	1,057,243	548	520	576	985	918	1,052	1,139	1,028	1,296
0.5-0.9	562	1,437,057	467	436	499	971	944	996	1,147	1,067	1,280
<2	1,913	6,176,837	386	370	402	856	838	880	1,014	987	1,043
1-3	3,422	11,011,095	349	335	363	723	687	745	946	901	978
4-6	2,916	11,352,187	442	421	463	943	908	1,001	1,176	1,099	1,290
<6	6,807	21,037,341	398	386	409	842	822	853	1,051	1,024	1,067
7-10	1,027	14,327,436	487	454	520	993	954	1,084	1,241	1,134	1,425
11-14	759	14,432,607	641	593	689	1,415	1,297	1,550	1,742	1,579	1,974
15-19	777	16,744,959	817	751	883	1,671	1,538	1,782	2,161	1,988	2,347
20 +	8,611	172,088,785	1,176	1,148	1,204	2,284	2,244	2,338	2,848	2,781	2,958
20-24	644	17,658,027	1,033	930	1,136	2,175	2,011	2,366	3,082	3,019	3,448
25-54	4,599	106,779,569	1,171	1,140	1,203	2,326	2,256	2,368	2,926	2,839	3,094
55-64	1,410	19,484,112	1,242	1,190	1,293	2,297	2,230	2,427	2,721	2,631	2,948
65 +	1,958	28,167,077	1,242	1,198	1,285	2,190	2,152	2,228	2,604	2,545	2,654
All ages	18,509	242,451,369	1,000	977	1,023	2,069	2,026	2,130	2,601	2,528	2,707

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:16 m:\pw\ostwater\req007\req123103\R007_52A1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 5.2.A2. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	212	517,858	98	90	106	191	174	212	231*	212*	236*
0.5-0.9	279	713,199	59	52	65	117	108	127	152*	129*	171*
<2	938	2,986,116	47	45	50	114	109	119	144	137	161
1-3	1,601	5,050,852	27	25	28	56	54	58	72	69	75
4-6	1,325	5,230,894	22	21	23	47	46	49	61	58	65
<6	3,192	9,741,756	31	30	33	69	65	75	98	92	104
7-10	460	6,483,203	15	14	17	32	30	34	39	38	45
11-14	368	7,028,816	12	11	13	26	23	26	29*	28*	33*
15-19	384	8,008,312	12	11	13	26	22	29	34*	29*	37*
20 +	4,099	86,643,885	17	16	17	33	33	34	41	39	42
20-24	320	8,789,651	15	13	17	32	30	33	38	35	40
25-54	2,167	51,617,594	16	16	17	33	32	35	42	39	45
55-64	673	10,176,050	18	17	19	34	32	37	41	38	43
65 +	939	16,060,590	18	18	19	34	32	35	39	38	40
All ages	8,728	119,677,019	17	17	18	34	34	35	45	43	46

Table 5.2.A2. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	202	489,271	91	83	100	170	150	202	210*	174*	224*
0.5-0.9	255	653,007	47	42	52	107	95	113	127*	119*	128*
<2	890	2,924,738	41	38	44	101	96	107	129	121	137
1-3	1,629	5,380,230	24	23	26	51	49	53	65	60	68
4-6	1,390	5,386,416	23	22	24	46	43	51	64	58	69
<6	3,218	10,151,405	29	28	30	64	61	67	88	83	93
7-10	496	6,996,362	17	15	18	33	32	36	41	38	49
11-14	368	7,073,951	14	13	16	30	27	33	42*	37*	45*
15-19	387	8,648,018	13	12	14	25	23	26	32*	29*	32*
20 +	4,360	82,313,478	15	15	16	30	28	31	38	36	39
20-24	317	8,636,476	14	12	16	30	27	33	41	35	47
25-54	2,345	53,199,354	15	15	16	30	29	31	39	38	41
55-64	710	8,835,728	15	14	16	28	28	31	34	33	37
65 +	988	11,641,920	16	16	17	30	29	31	34	33	36
All ages	9,087	116,940,733	16	16	17	32	32	33	43	41	44

Table 5.2.A2. Estimated Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	414	1,007,129	95	89	100	184	168	204	221	212	259
0.5-0.9	534	1,366,206	53	49	57	112	105	124	129	127	142
<2	1,828	5,910,854	44	43	46	109	99	113	137	125	145
1-3	3,230	10,431,082	26	25	27	53	51	56	68	65	73
4-6	2,715	10,617,310	22	21	23	47	46	49	63	59	66
<6	6,410	19,893,161	30	29	31	67	65	69	93	91	97
7-10	956	13,479,565	16	15	17	33	32	35	40	38	45
11-14	736	14,102,767	13	12	14	27	26	29	36	32	38
15-19	771	16,656,330	12	11	13	26	24	27	32	31	35
20 +	8,459	168,957,363	16	16	16	32	31	33	39	38	41
20-24	637	17,426,127	15	13	16	31	29	33	39	36	45
25-54	4,512	104,816,948	16	15	16	32	31	32	40	39	42
55-64	1,383	19,011,778	17	16	17	32	30	33	38	35	40
65 +	1,927	27,702,510	18	17	18	32	31	32	37	37	38
All ages	17,815	236,617,752	17	16	17	33	33	34	44	43	45

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 14:31 m:\pw\ostwater\req007\req123103\R007_52A2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 5.2.B1. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	303	729,376	567	523	611	1,004	957	1,046	1,161*	1,121*	1,177*
0.5-0.9	345	896,191	571	525	617	1,029	969	1,102	1,356*	1,195*	1,495*
<2	1,160	3,614,742	461	443	478	923	886	974	1,122	1,067	1,188
1-3	1,884	5,893,820	428	409	448	829	805	877	1,032	993	1,099
4-6	1,567	6,148,919	535	506	565	999	954	1,091	1,282	1,253	1,394
<6	3,828	11,553,736	480	463	497	928	899	946	1,124	1,091	1,186
7-10	524	7,327,780	602	561	642	1,084	1,053	1,157	1,345	1,246	1,442
11-14	408	7,790,807	735	677	793	1,416	1,297	1,538	1,802	1,602	1,882
15-19	409	8,521,956	918	842	994	1,804	1,701	1,847	2,171	1,947	2,576
20 +	4,556	95,645,114	1,389	1,352	1,425	2,416	2,375	2,471	2,928	2,848	3,018
20-24	345	9,425,724	1,204	1,059	1,349	2,021	1,938	2,191	3,146	2,550	3,803
25-54	2,396	56,682,263	1,393	1,350	1,435	2,482	2,385	2,607	3,025	2,836	3,211
55-64	766	11,575,703	1,500	1,441	1,560	2,475	2,407	2,545	2,851	2,690	2,990
65 +	1,049	17,961,424	1,402	1,356	1,447	2,224	2,160	2,383	2,551	2,464	2,662
All ages	9,996	132,953,963	1,185	1,156	1,213	2,221	2,150	2,271	2,706	2,607	2,840

Table 5.2.B1. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	296	741,904	625	586	665	1,036	954	1,150	1,348*	1,183*	1,422*
0.5-0.9	322	846,175	563	522	604	1,078	957	1,220	1,279*	1,082*	1,339*
<2	1,123	3,693,768	459	438	481	945	889	963	1,102	1,056	1,183
1-3	1,927	6,338,855	428	412	445	817	788	844	1,028	992	1,075
4-6	1,606	6,100,046	563	542	584	1,077	1,045	1,129	1,308	1,220	1,386
<6	3,856	12,052,879	493	479	507	961	919	994	1,167	1,104	1,217
7-10	569	7,972,303	619	583	656	1,134	1,049	1,222	1,466	1,309	1,480
11-14	404	7,702,229	895	803	987	1,738	1,658	1,893	2,123	1,975	2,483
15-19	405	9,172,863	1,090	1,004	1,176	1,987	1,843	2,235	2,688	2,235	3,363
20 +	4,736	88,054,201	1,549	1,499	1,598	2,740	2,667	2,783	3,524	3,361	3,658
20-24	333	9,119,063	1,364	1,189	1,540	2,825	2,215	3,448	3,679	2,637	4,259
25-54	2,510	56,328,941	1,580	1,515	1,646	2,814	2,719	2,928	3,772	3,383	4,050
55-64	775	9,569,684	1,571	1,506	1,636	2,677	2,603	2,839	3,174	3,049	3,313
65 +	1,118	13,036,513	1,523	1,479	1,567	2,510	2,395	2,586	2,839	2,752	2,956
All ages	10,265	126,928,576	1,302	1,260	1,344	2,483	2,447	2,529	3,148	3,043	3,320

Table 5.2.B1. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	599	1,471,280	596	564	629	1,022	993	1,046	1,208	1,164	1,350
0.5-0.9	667	1,742,366	567	533	601	1,050	1,008	1,127	1,303	1,241	1,372
<2	2,283	7,308,510	460	445	475	936	896	963	1,107	1,066	1,157
1-3	3,811	12,232,675	428	414	443	826	796	877	1,032	987	1,075
4-6	3,173	12,248,965	549	527	571	1,053	1,034	1,085	1,305	1,273	1,342
<6	7,684	23,606,615	486	472	500	946	935	955	1,146	1,107	1,176
7-10	1,093	15,300,083	611	579	643	1,130	1,018	1,162	1,420	1,279	1,468
11-14	812	15,493,036	815	747	882	1,625	1,550	1,742	1,962	1,877	2,218
15-19	814	17,694,819	1,007	945	1,070	1,898	1,817	2,026	2,411	2,177	2,862
20 +	9,292	183,699,315	1,465	1,427	1,504	2,551	2,515	2,605	3,195	3,114	3,379
20-24	678	18,544,787	1,283	1,175	1,390	2,508	2,215	2,925	3,632	3,213	4,259
25-54	4,906	113,011,204	1,486	1,435	1,537	2,638	2,569	2,722	3,337	3,196	3,489
55-64	1,541	21,145,387	1,532	1,481	1,584	2,557	2,482	2,604	2,999	2,906	3,107
65 +	2,167	30,997,937	1,453	1,415	1,491	2,324	2,279	2,388	2,708	2,636	2,789
All ages	20,261	259,882,539	1,242	1,210	1,274	2,345	2,284	2,403	2,923	2,842	2,997

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:17 m:\pw\ostwater\req007\req123103\R007_52B1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 5.2.B2. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	291	700,004	106	97	114	194	183	206	243*	216*	268*
0.5-0.9	324	843,461	66	59	72	123	112	144	168*	152*	171*
<2	1,105	3,454,603	56	53	58	126	119	138	169	154	171
1-3	1,775	5,564,866	32	31	34	61	59	66	80	74	87
4-6	1,457	5,730,080	27	26	28	52	49	54	66	64	69
<6	3,598	10,898,783	38	37	39	79	75	84	111	106	116
7-10	489	6,863,514	20	19	21	36	35	38	45	43	47
11-14	395	7,608,976	15	14	16	28	27	30	36*	32*	38*
15-19	403	8,430,113	15	14	16	29	28	33	37	33	42
20 +	4,421	92,737,736	21	20	22	37	35	38	45	44	47
20-24	337	9,161,874	19	17	21	33	32	35	42	36	65
25-54	2,319	54,890,324	21	20	22	38	36	39	47	45	48
55-64	740	11,100,632	22	21	23	38	37	39	43	42	44
65 +	1,025	17,584,906	22	21	22	35	34	37	41	39	45
All ages	9,555	128,478,750	22	21	22	39	38	39	50	48	52

Table 5.2.B2. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	282	708,294	101	92	111	178	168	214	224*	214*	244*
0.5-0.9	307	804,634	60	56	65	116	105	127	135*	126*	166*
<2	1,079	3,549,751	51	48	54	116	106	124	145	139	156
1-3	1,827	6,049,728	30	29	31	59	56	60	73	70	77
4-6	1,503	5,751,688	28	27	29	54	52	57	69	63	73
<6	3,647	11,456,976	36	35	38	75	73	79	101	99	106
7-10	532	7,575,053	20	18	21	36	35	39	45	43	48
11-14	391	7,502,076	18	16	20	37	31	39	44*	41*	49*
15-19	403	9,131,411	15	14	17	29	26	30	39	32	48
20 +	4,709	87,605,178	19	18	20	34	33	36	43	41	45
20-24	331	9,062,650	17	15	19	35	29	39	45	36	53
25-54	2,494	56,048,495	19	18	20	35	34	38	45	44	47
55-64	773	9,545,569	19	18	20	32	31	34	39	36	41
65 +	1,111	12,948,464	19	19	20	32	31	33	37	36	37
All ages	9,954	125,128,062	20	20	21	38	37	39	50	48	51

Table 5.2.B2. Estimated Total Direct and Indirect Water Ingestion
By Gender and Fine Age Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Age	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	573	1,408,298	104	97	110	191	183	198	234	220	247
0.5-0.9	631	1,648,095	63	59	67	120	113	127	152	139	166
<2	2,184	7,004,354	53	51	55	120	115	129	156	145	166
1-3	3,602	11,614,594	31	30	32	60	57	62	75	72	83
4-6	2,960	11,481,768	28	27	29	53	51	54	68	64	70
<6	7,245	22,355,759	37	36	38	77	75	80	106	101	111
7-10	1,021	14,438,567	20	19	21	36	35	39	45	41	49
11-14	786	15,111,052	16	15	18	33	30	36	40	37	43
15-19	806	17,561,524	15	14	16	29	28	31	38	35	42
20 +	9,130	180,342,914	20	19	21	36	35	36	44	43	45
20-24	668	18,224,524	18	17	19	34	31	35	44	38	53
25-54	4,813	110,938,819	20	19	21	37	36	38	46	44	47
55-64	1,513	20,646,201	20	20	21	35	34	37	42	41	43
65 +	2,136	30,533,370	21	20	21	34	33	35	39	37	41
All ages	19,509	253,606,812	21	21	22	38	38	39	50	49	51

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 16:22 m:\pw\ostwater\req007\req123103\R007_52B2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Figure 5.1.A1. Estimated Mean and 90% Confidence Intervals Around the Mean

Direct and Indirect Community Water Ingestion

By Gender and Fine Age Categories

All Individuals

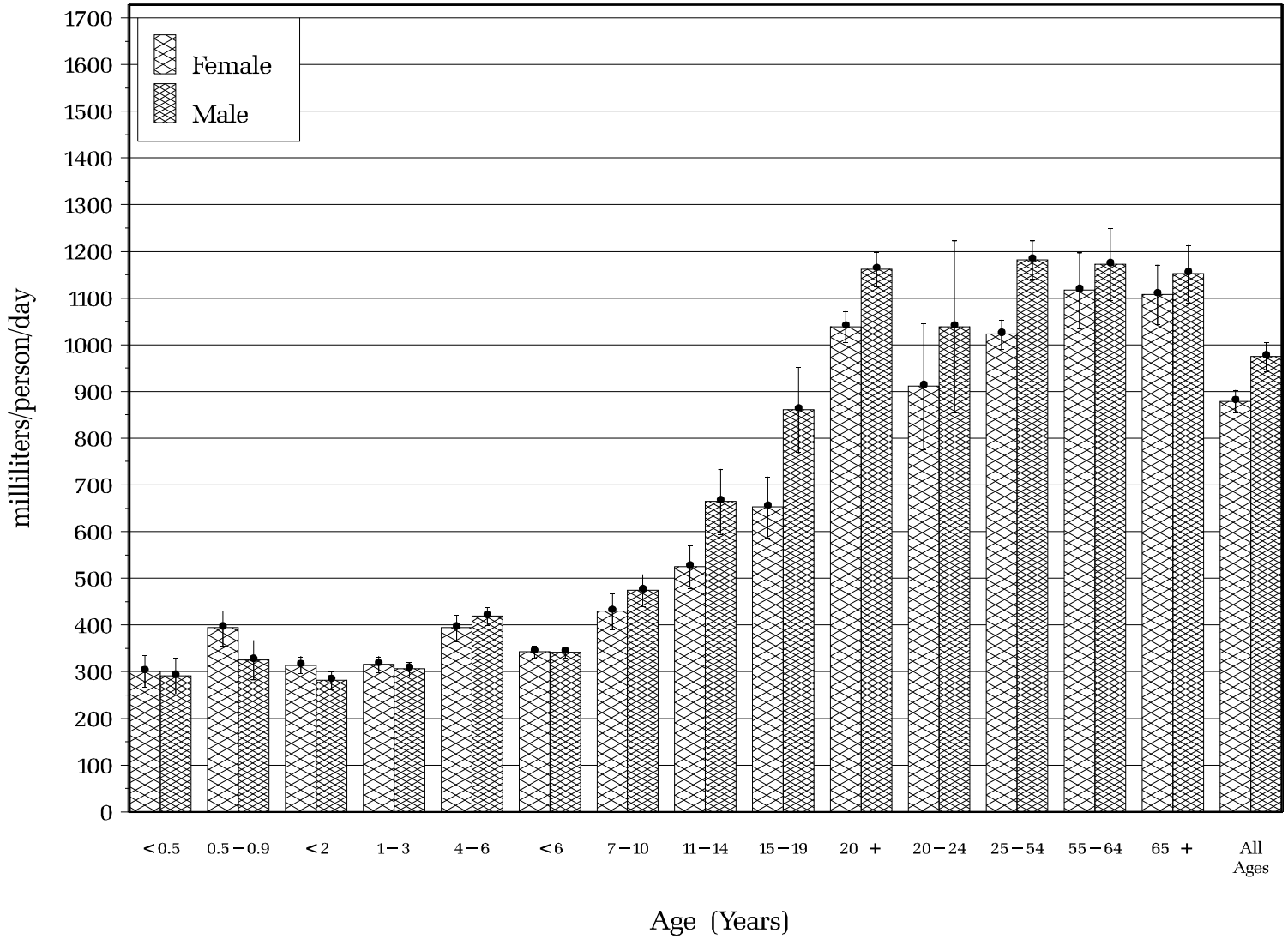


Figure 5.1.A2. Estimated Mean and 90% Confidence Intervals Around the Mean

Direct and Indirect Community Water Ingestion

By Gender and Fine Age Categories

All Individuals

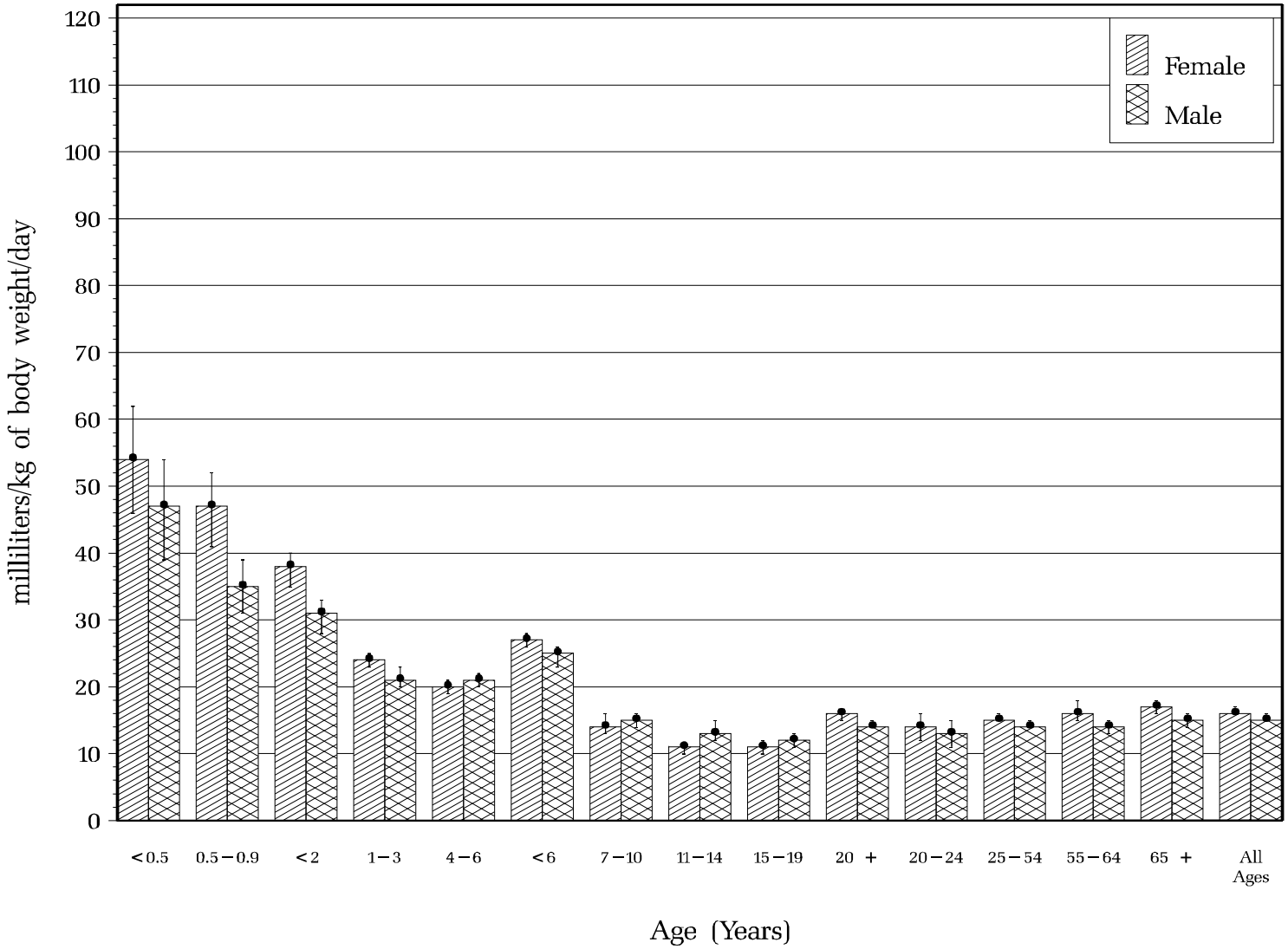


Figure 5.1.B1. Estimated Mean and 90% Confidence Intervals Around the Mean

Total Direct and Indirect Water Ingestion

By Gender and Fine Age Categories

All Individuals

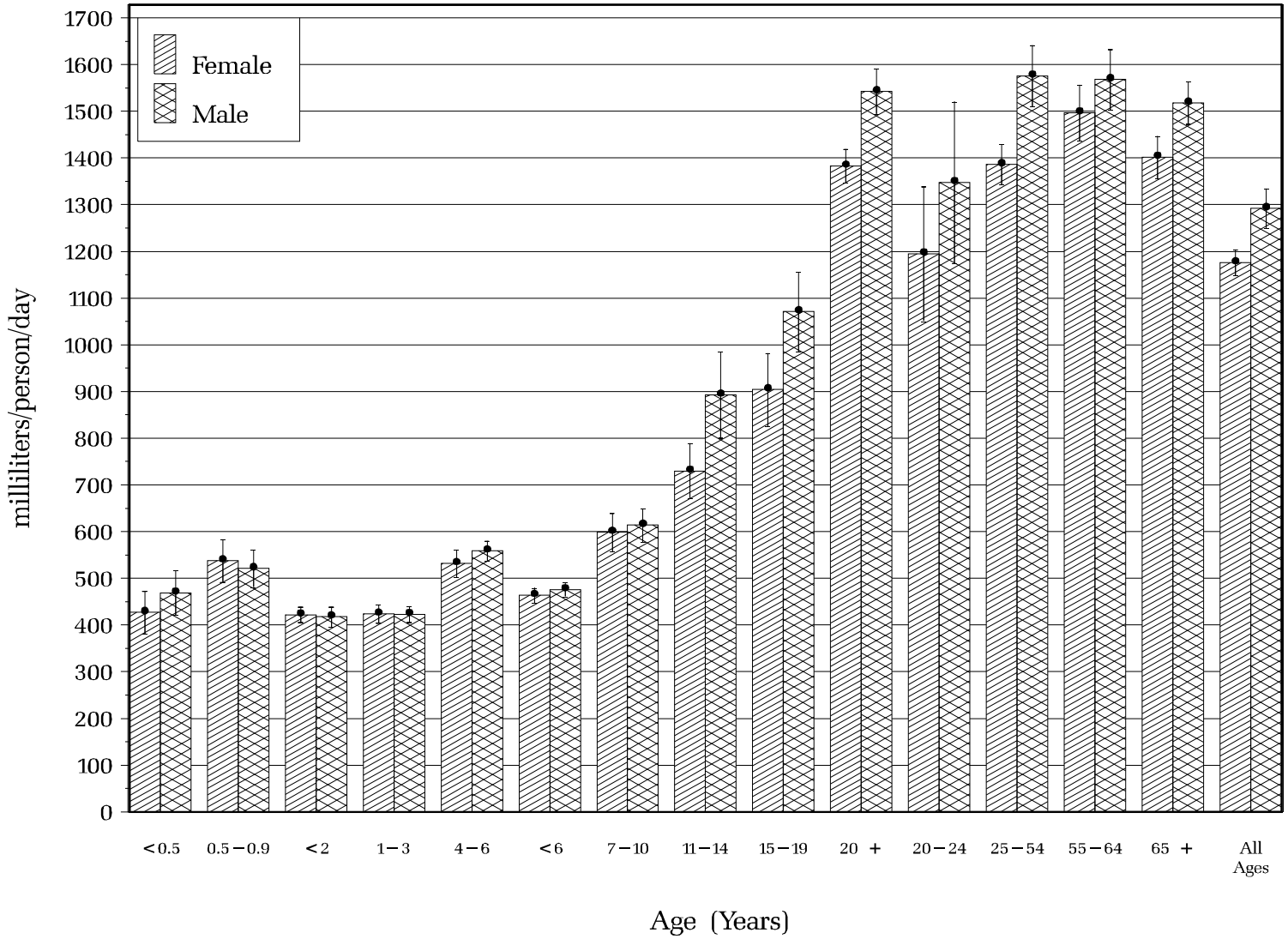


Figure 5.1.B2. Estimated Mean and 90% Confidence Intervals Around the Mean

Total Direct and Indirect Water Ingestion

By Gender and Fine Age Categories

All Individuals

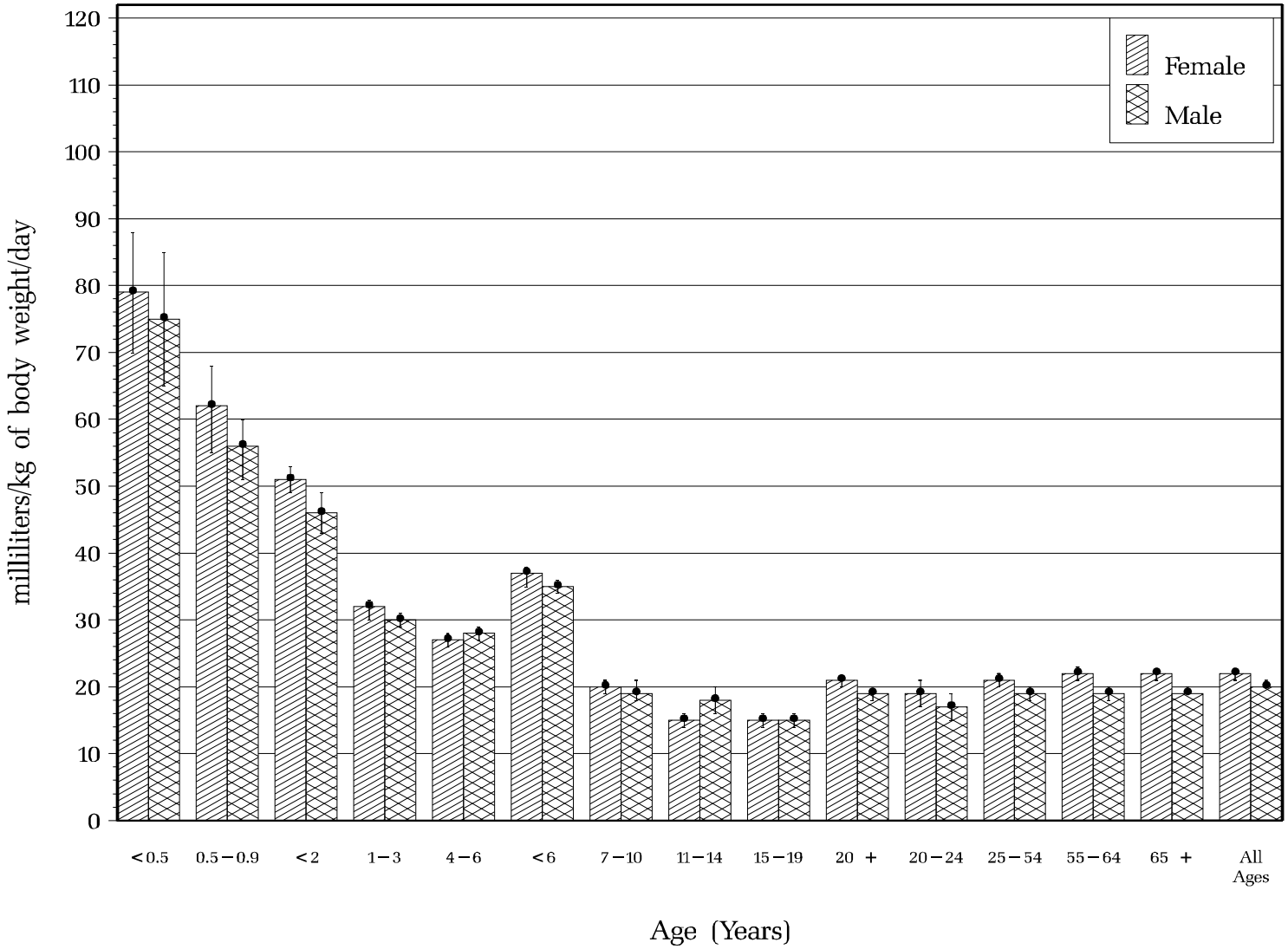


Figure 5.2.A1. Estimated Mean and 90% Confidence Intervals Around the Mean

Direct and Indirect Community Water Ingestion

By Gender and Fine Age Categories

Consumers Only

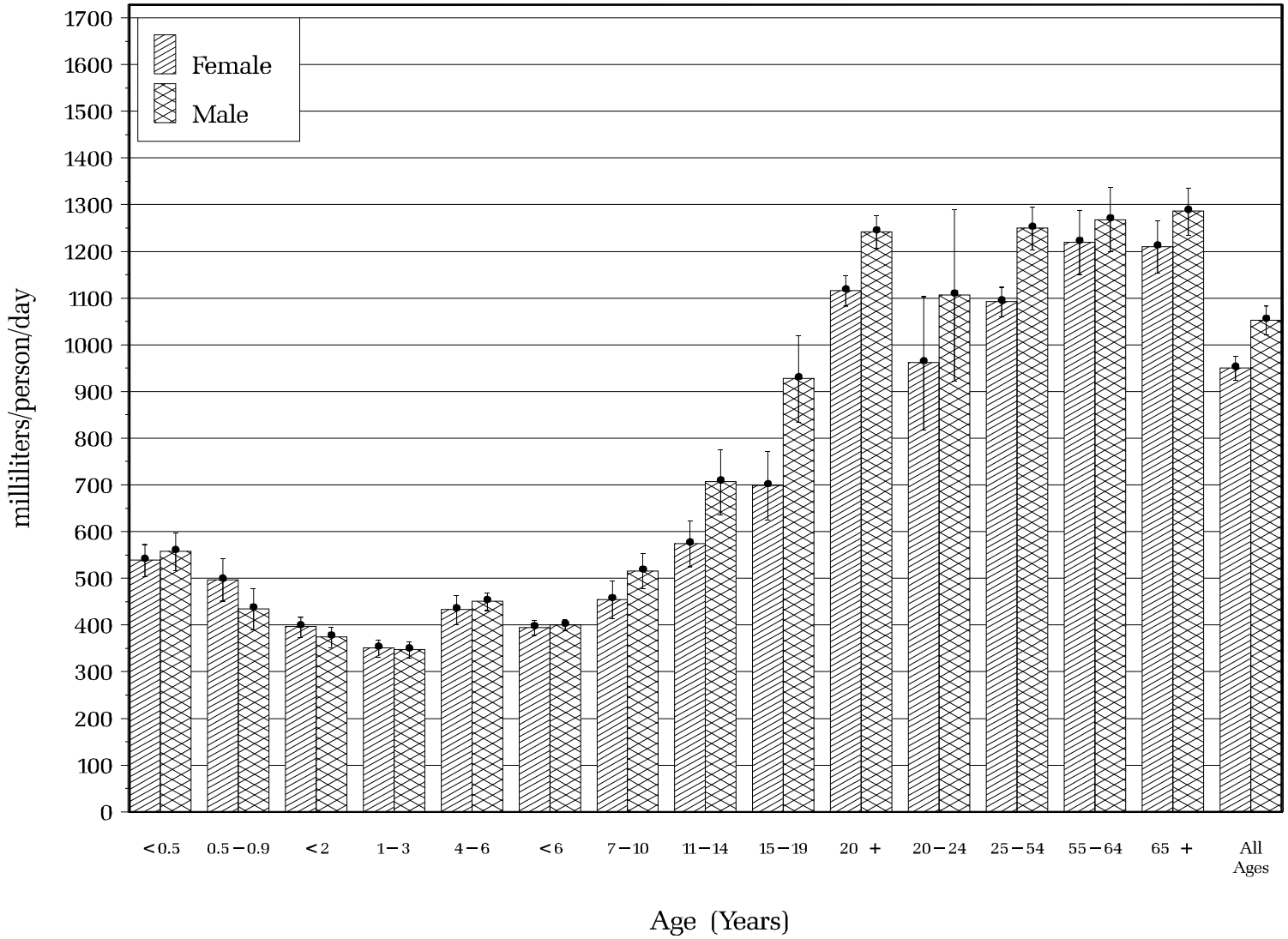


Figure 5.2.A2. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Gender and Fine Age Categories
Consumers Only

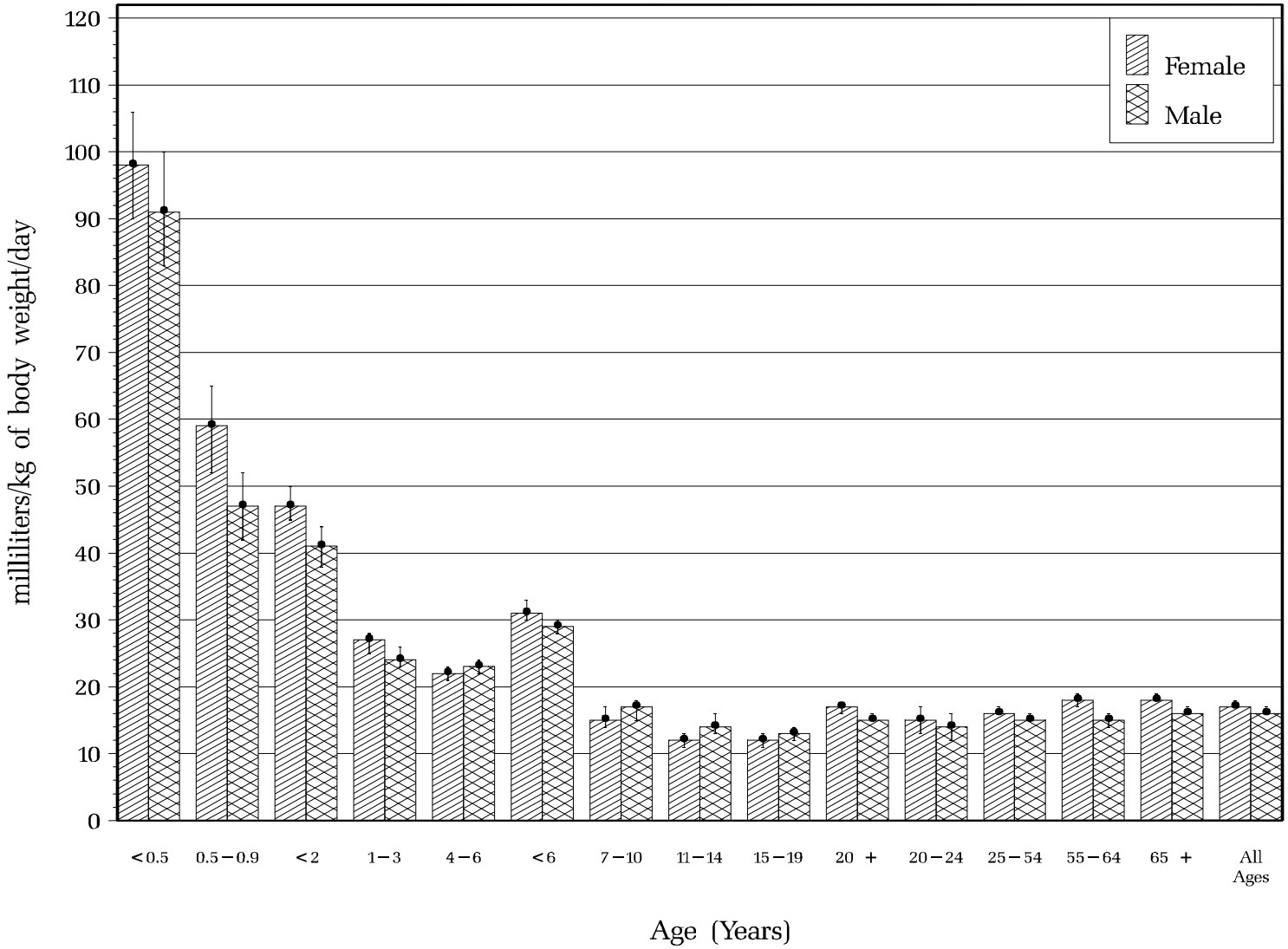


Figure 5.2.B1. Estimated Mean and 90% Confidence Intervals Around the Mean

Total Direct and Indirect Water Ingestion

By Gender and Fine Age Categories

Consumers Only

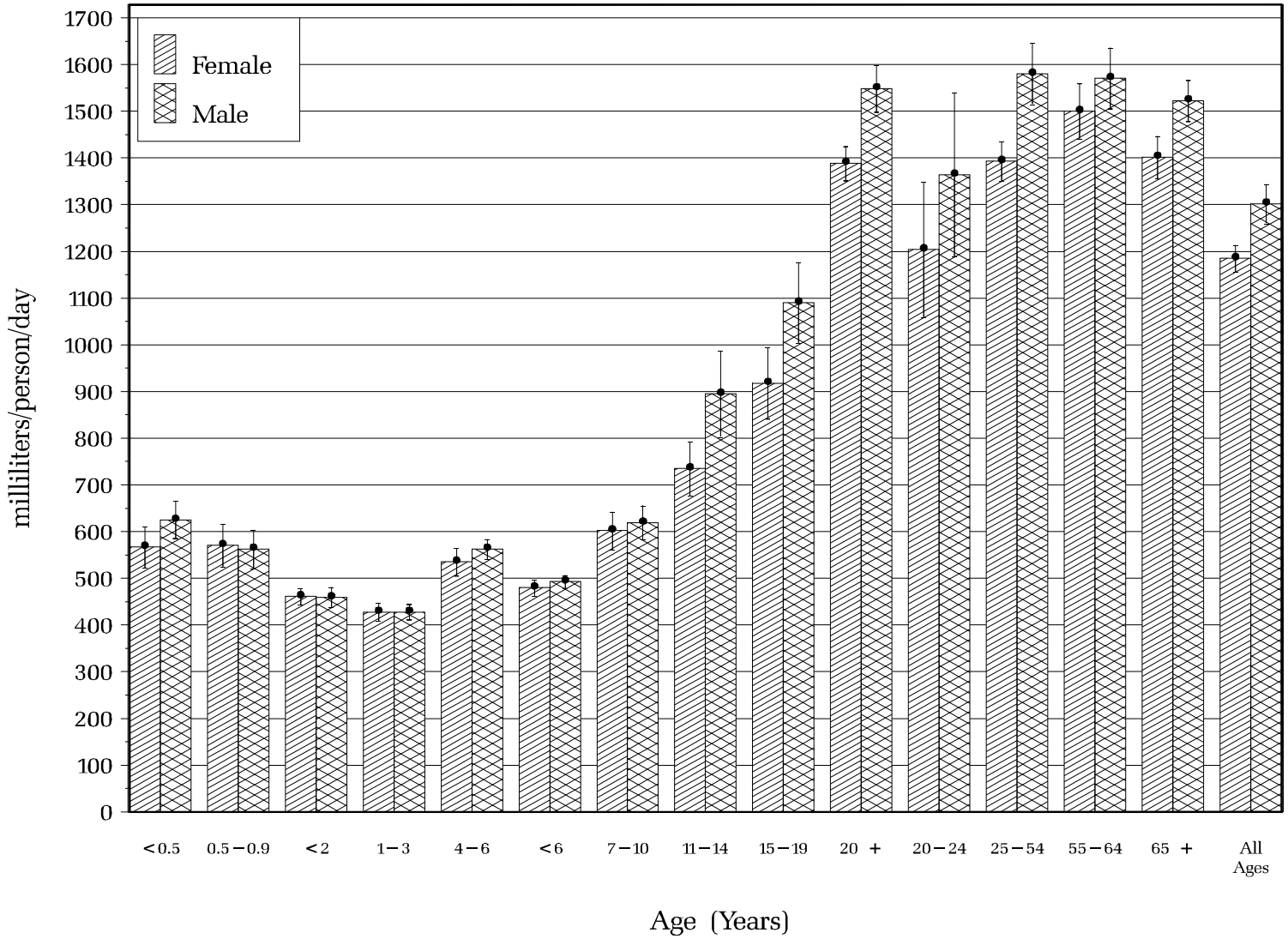
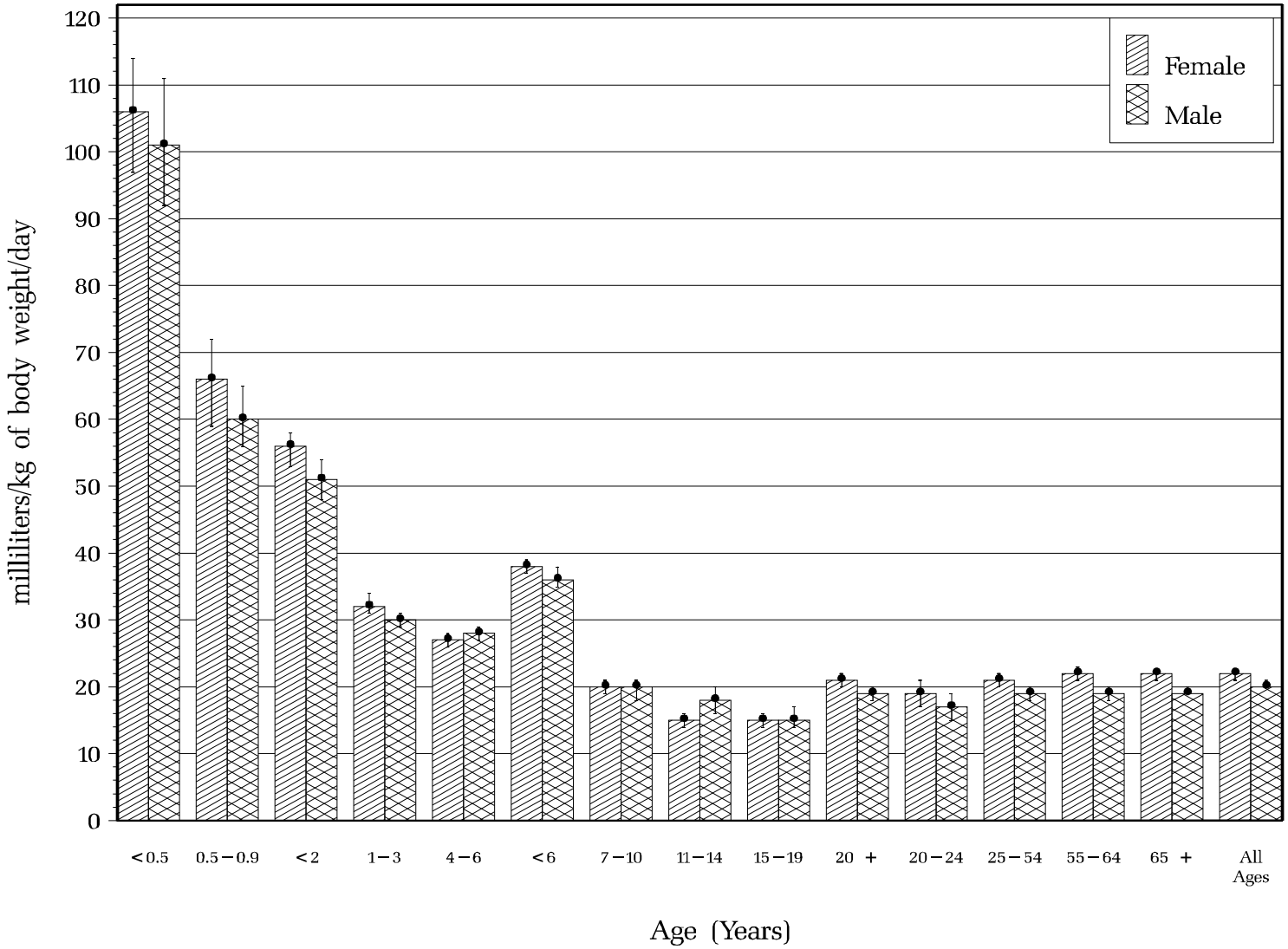


Figure 5.2.B2. Estimated Mean and 90% Confidence Intervals Around the Mean

Total Direct and Indirect Water Ingestion

By Gender and Fine Age Categories

Consumers Only



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6. ADDITIONAL RESULTS FOR WOMEN OF CHILDBEARING AGE

Women in the childbearing age between 15 to 44 years old and pregnant and lactating women in that age cohort are considered a sensitive subpopulation when assessing risk to human health from ingestion of waterborne pollutants. This subpopulation is deemed sensitive for two primary reasons: (1) ingested pollutants may cause risk not only to the mother but to the fetus or infant and (2) pregnant and lactating women, as a group, ingest larger amounts of water than other subpopulations. Section 6.1 of this chapter presents daily average per capita water ingestion estimates defined for the entire age group of women in childbearing years, as well as daily average per capita ingestion estimates for three subgroups: pregnant, lactating, and nonpregnant and nonlactating women. Section 6.2 compares the per capita water ingestion estimates for women in child bearing years generated from the 1994–1996 and 1998 CSFII with results published by Ershow, Brown, and Cantor (1991). On average, the Ershow et. al. (1991) estimates, which are based on the Nationwide Food Consumption Survey (NFCS) conducted in 1978, document higher levels of daily per capita water ingestion by pregnant and lactating women than for their nonpregnant and nonlactating cohorts. As Ershow et al. (1991) point out, the higher levels are expected because pregnant and lactating women have a theoretically greater physical requirement for water. Later, the Ershow et al. (1991) estimates were used by Burmaster (1998) to create lognormal distributions of water ingestion by pregnant and lactating women which he recommended for use in human health risk assessments. Comparisons between these lognormal distributions and the empirical distributions derived from the CSFII are also included in Section 6.2.2.

6.1 Water Ingestion 1994–1996 and 1998 CSFII for Women Aged 15–44

Table 6.1.A1 shows estimates of daily average per capita ingestion of community water. Pregnant women, on average, ingest 819 mL/person/day while lactating women ingest an average of 1.379 L of community per person per day. The 90 percent confidence interval about mean community water ingestion by pregnant women ranges from 669–969 mL/person/day. For lactating women, the 90 percent confidence interval about the estimated mean community water ingestion is 1.021–1.737 L/person/day. Nonpregnant and nonlactating women ingest a mean of 916 mL of community water per person per day. The 90 percent confidence interval about the mean estimate for nonpregnant and nonlactating women ranges from 882–951 mL/person/day.

Estimates of daily average water ingested from all sources are higher than those for community water. Pregnant women ingested an average of 1.318 L of water per day from all sources while their mean ingestion of community water is 819 mL per day. Nonpregnant and nonlactating women in child bearing years ingest, on average, 1.243 L of water per day from all sources (see Table 6.1.B1) while the same women ingest a daily average of 916 mL of community water (see Table 6.1.A1). Estimates of 90 th percentile ingestion values for the three subpopulations of women in child bearing years exceed 2 L when all water sources are considered (see Table 6.1.B1) while only the 90 th percentile from the distribution of daily average water ingestion of community water by lactating women exceeds 2 L.

When normalized by body weight, the mean community water ingested by pregnant women is 13 mL/kg/day while that for lactating women is 21 mL/kg/day. The 90th percentile estimate from lactating women is 53 mL/kg/day while the 90th percentile estimate for nonpregnant and nonlactating women is 31 mL/kg/day (see Table 6.1.A2). When all sources of water are included in the estimates, nonpregnant and nonlactating women ingest an average of 19 mL/kg/day. Mean estimates of total water (across sources)

ingestion by pregnant and lactating women are 21 mL/kg/person and 28 mL/kg/person, respectively. The sample sizes of lactating and pregnant women are small especially when compared to that of nonpregnant and nonlactating women, and as a consequence, the precision of the estimates from these small samples is relatively low.

Table 6.2.A1 presents estimates of the mean, 90th percentile and 95th percentile from the empirical distribution of daily average per capita community water ingestion for women in the age group of 15 to 44 years who ingested water at least once during the 2-day CSFII survey period. These "consumers only" estimates include both water consumed directly as a beverage and water consumed indirectly through foods and drink. The estimated mean daily average per capita ingestion of community water for "consumers only" women aged 15 to 44 years that are not pregnant or not lactating is 976 mL/person/day. The 90 percent confidence interval about the mean ingestion estimate ranges from 937–1,014 mL/person/day. Table 6.2.A1 also shows that the 90th percentile estimate of per capita daily community water ingestion for "consumers only" pregnant women is 1.844 L, while the 90th percentile estimate of community water ingestion by "consumers only" lactating women is 2.959 L/person/day.

The mean daily average per capita total water ingested from all sources by nonpregnant and nonlactating "consumers only" is 1.252 L/person /day (the 90 percent confidence interval about the mean estimate is 1.202–1.303 L/person/day) (see Table 6.2.B1). As expected, the ingestion rates for the pregnant and lactating "consumers only" are higher. The mean daily average per capita total water ingested from all sources by "consumers only" pregnant women is 1.318 L/person/day (the 90 percent confidence interval is 1.199–1.436 L/person/day), while the mean estimated daily average per capita total water ingestion by "consumers only" lactating women is 1.806 L/person/day (90 percent confidence interval is 1.311–2.301 L/person/day). These results provide evidence for a statistically significant difference between the lactating and nonpregnant and nonlactating women "consumers only" because the confidence intervals for the means do not overlap. That is, the lower confidence limit on the lactating "consumers only" mean is greater than the upper confidence limit on the nonpregnant, nonlactating mean (1.311 L/person/day versus 1.303 L/person/day). The results do not show a statistically significant difference between: (1) the nonpregnant and nonlactating "consumers only" mean and the pregnant "consumers only" mean and (2) the pregnant "consumers only" mean and the lactating "consumers only" mean. This is indicated by the fact that the confidence intervals about the means overlap.

Although the estimated daily average per capita water ingestion mean for "consumers only" pregnant women is not statistically different from the estimated mean ingestion by "consumers only" lactating women, the two estimated means differ by approximately 0.5 L. That is, lactating women ("consumers only") ingest, on average, 1.806 L/person/day while the average ingestion by pregnant women ("consumers only") is 1.318 L/person/day. Ershow et al. (1991) also found that lactating women ingest more water per day, on average, than do pregnant women. The lack of statistically significant differences between the estimated mean water ingestion for "consumers only" lactating women and that for pregnant women, as estimated from the 1994–1996 and 1998 CSFII, most likely is due to the small sample size of the two groups. Similarly, the lack of statistically significant difference between the nonpregnant, nonlactating women and the pregnant women also is due to the small sample of pregnant women in comparison to the nonpregnant and nonlactating women although the difference is smaller. In fact, the CSFII sample size of 70 pregnant women and 41 lactating women do not meet reporting requirements (see Section 3.5 for a description of reporting requirements). Although the sample sizes are small, the data do support valid national estimates for the pregnant and lactating subgroups. Figure 6.2.B1 illustrates the mean daily average per capita total water consumption for the subgroups of "consumers only" women in child bearing years.

The estimated 90th percentile of the distribution of daily average per capita water ingestion from all sources by "consumers only" lactating women exceeds is 3.021L/person/day (see Table 6.2.B1). The estimated 90th percentile of daily average per capita total water ingestion for "consumers only" pregnant women and women aged 15 to 44 who are not pregnant or not lactating is 2.336 L/person/day and 2.338 L/person/day, respectively.

A similar pattern is present when estimates for women in the age group of 15 to 44 years are normalized per kilogram of body weight. Table 6.2.B2 records these "consumer only" estimates. The mean daily average per capita total water ingestion across all sources of water by "consumers only" pregnant women (21 mL/kg/day) and lactating women (28 mL/kg/day) are statistically different from the mean for nonpregnant and nonlactating women. The estimated mean for the nonpregnant and nonlactating "consumers only" cohort is 19 mL/kg/day. The 90 percent confidence interval estimate about the mean daily average per capita total water ingestion for "consumers only" nonpregnant and nonlactating women is 19–20 mL/kg/day. The mean daily average per capita total water ingestion for "consumers only" pregnant and lactating women are outside of this interval.

Appendix E presents mean and percentile estimates from the empirical distribution of daily average per capita total water consumption for women in the age group of 15 through 44 years. Table E.3 of Part I records estimates for pregnant, lactating, and nonpregnant and nonlactating women when all women in the age group are considered. Table E.3 of Part III reports estimates of "consumers only" or women in the age group that report water consumption at least once during the 2-day survey period. Comparing Tables E.3 in Parts I and III of Appendix E shows that all 70 pregnant women and 41 lactating women in the survey consumed water at least once during the 2-day survey period. Therefore, estimates are the same for "all individuals" and "consumers only". Eighteen women in the sample (out of a total of 2,221) that were not pregnant and not lactating report no water consumption during the 2-day survey period. Therefore estimates differ slightly between Part I and Part III. However, the means are not statistically different.

Table 6.1.A1. Estimated Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	70	1,750,330	819*	669*	969*	1,815*	1,479*	2,808*	2,503*	2,167*	3,690*
Lactating	41	1,171,868	1,379*	1,021*	1,737*	2,872*	2,722*	3,452*	3,434*	2,987*	3,803*
Non-Pregnant and Non-Lactating Women Age 15-44	2,221	56,050,136	916	882	951	1,953	1,854	2,065	2,575	2,403	2,908
Women Age 15-44	2,332	58,970,270	922	887	957	2,008	1,900	2,055	2,605	2,483	2,806

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 06JAN04 11:48 m:\pw\ostwater\req007\req123103\R007_61A1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 6.1.A2. Estimated Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	69	1,728,389	13*	11*	14*	31*	28*	46*	43*	33*	46*
Lactating	40	1,141,186	21*	15*	28*	53*	44*	55*	55*	52*	57*
Non-Pregnant and Non-Lactating Women Age 15-44	2,166	54,687,608	14	14	15	31	30	32	38	36	39
Women Age 15-44	2,275	57,555,119	14	14	15	32	30	33	39	35	42

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 06JAN04 11:49 m:\pw\ostwater\req007\req123103\R007_61A2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table 6.1.B1. Estimated Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	70	1,750,330	1,318*	1,199*	1,436*	2,336*	1,851*	3,690*	2,674*	2,167*	3,690*
Lactating	41	1,171,868	1,806*	1,374*	2,238*	3,021*	2,722*	3,794*	3,767*	3,452*	3,803*
Non-Pregnant and Non-Lactating Women Age 15-44	2,221	56,050,136	1,243	1,193	1,292	2,336	2,222	2,488	2,937	2,774	3,211
Women Age 15-44	2,332	58,970,270	1,256	1,208	1,304	2,366	2,291	2,477	2,949	2,839	3,114

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 06JAN04 12:09 m:\pw\ostwater\req007\req123103\R007_61B1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 6.1.B2. Estimated Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	69	1,728,389	21*	19*	22*	39*	33*	46*	44*	38*	46*
Lactating	40	1,141,186	28*	20*	37*	53*	44*	57*	57*	52*	58*
Non-Pregnant and Non-Lactating Women Age 15-44	2,166	54,687,608	19	19	20	35	35	36	46	43	47
Women Age 15-44	2,275	57,555,119	19	19	20	36	34	38	46	42	49

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 06JAN04 12:11 m:\pw\ostwater\req007\req123103\R007_61B2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table 6.2.A1. Estimated Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	65	1,644,007	872*	728*	1,016*	1,844*	1,776*	3,690*	2,589*	2,167*	3,690*
Lactating	34	971,057	1,665*	1,181*	2,148*	2,959*	2,722*	3,452*	3,588*	2,987*	4,026*
Non-Pregnant and Non-Lactating Women Age 15-44	2,077	52,631,773	976	937	1,014	2,013	1,893	2,065	2,614	2,475	2,873
Women Age 15-44	2,176	55,244,773	985	947	1,022	2,046	1,947	2,167	2,732	2,432	2,924

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 06JAN04 11:47 m:\pw\ostwater\req007\req123103\R007_62A1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 6.2.A2. Estimated Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	65	1,644,007	14*	12*	15*	33*	29*	46*	43*	33*	46*
Lactating	33	940,375	26*	18*	34*	54*	44*	55*	55*	53*	57*
Non-Pregnant and Non-Lactating Women Age 15-44	2,028	51,411,212	15	14	16	32	31	33	38	36	42
Women Age 15-44	2,126	53,993,530	15	15	16	32	31	33	39	38	43

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 06JAN04 11:39 m:\pw\ostwater\req007\req123103\R007_62A2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table 6.2.B1. Estimated Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Person/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	70	1,750,330	1,318*	1,199*	1,436*	2,336*	1,851*	3,690*	2,674*	2,167*	3,690*
Lactating	41	1,171,868	1,806*	1,311*	2,301*	3,021*	2,722*	3,794*	3,767*	3,059*	3,803*
Non-Pregnant and Non-Lactating Women Age 15-44	2,203	55,619,141	1,252	1,202	1,303	2,338	2,256	2,404	2,941	2,834	3,179
Women Age 15-44	2,314	58,539,275	1,265	1,216	1,314	2,366	2,284	2,484	2,953	2,813	3,187

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 06JAN04 12:18 m:\pw\ostwater\req007\req123103\R007_62B1.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.

Table 6.2.B2. Estimated Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Kg of body weight/Day								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
Women Categories	Sample Size	Population	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
Pregnant	69	1,728,389	21*	19*	22*	39*	33*	46*	44*	38*	46*
Lactating	40	1,141,186	28*	19*	38*	53*	44*	57*	57*	52*	58*
Non-Pregnant and Non-Lactating Women Age 15-44	2,149	54,286,950	19	19	20	35	34	37	46	42	48
Women Age 15-44	2,258	57,154,461	20	19	20	36	34	37	46	43	50

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 06JAN04 12:19 m:\pw\ostwater\req007\req123103\R007_62B2.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

6.2 Comparison of 1994–1996 and 1998 CSFII Per Capita Total Water Consumption Estimates to Published Estimates

In this section we compare the estimates derived from the 1994–1996 and 1998 CSFII to estimates published by Ershow, Brown, and Cantor (1991). Section 6.2.1 of this chapter provides a background for the Ershow et al. (1991) total water ingestion estimates for women in childbearing years, which are based on empirical distribution percentiles of the 1978 NFCS data. We compared results generated by Ershow et al. (1991) to the empirical distributions estimated from the 1994–1996 and 1998 CSFII data. We present Ershow et al.'s 1991 estimates along with estimates based on the more recent data to provide a point of reference for potential users of the results and discuss differences in the survey data used to generate the estimates.

6.2.1 Survey Backgrounds

Daily average per capita ingestion estimates recorded in this report were produced from daily, self reported ingestion data from two nonconsecutive days collected in the USDA's 1994–1996 and 1998 CSFII. The CSFII is a multistage probability sample of individuals within U.S. households. When generating estimates for this report, we used probability based survey techniques to estimate empirical distribution percentiles and project the sample data to the Nation. During the execution of this statistical procedure, no assumptions were made regarding the parametric form of the distribution of daily average per capita total water ingestion . The EPA has used the cohort of women aged 15 to 44 to represent women in childbearing years. There are 2,332 women in the 1994–1996 and 1998 CSFII who met this age criterion. Of those women, 70 were pregnant and 41 were lactating at the time of the survey. Estimates from these sampled 2,332 women project to a U.S. population of 58,970,270 women in the age group.

The basis for Ershow et al.'s 1991 estimates was self-reported water ingestion data from the USDA's 1978 NFCS. Participants in that survey self-reported ingestion for 3 consecutive days. Ershow et al. (1991) reported arithmetic estimates of mean, standard deviation, and empirical distribution percentile estimates. Estimates were generated from a sample of 6,466 women aged 15 to 49 years. Of these women, 188 reported that they were pregnant at the time of the survey and 77 reported that they were lactating. While the Ershow et al. (1991) article indicates that survey weights were applied to project the sample to the population, the size of that population is not reported. Burmaster (1998) used summary statistics, i.e., the estimated standard deviation, mean and median estimates reported by Ershow, et al. (1991) to create lognormal distributions models for total water and tap water per capita ingestion

6.2.2 Comparisons of Daily Average Per Capita Ingestion Estimates

For ease of comparison, we present mean, median and upper percentile estimates of daily average per capita water ingestion estimates from the 1994–1996 and 1998 CSFII and the 1991 Ershow et al. estimates using 1978 NFCS data in six tables (see Tables 6.2.1A to 6.2.3B). These tables report estimates for nonpregnant and nonlactating women in childbearing years, pregnant women, and lactating women, respectively. Ershow et. al (1991) report their estimates in units of gram per person per day. It is assumed that the density of water is 1 so that the units of g/person/day are considered equivalent to the units of mL/person/day reported for the 1994–1996 and 1998 CSFII.

Tabulated ingestion estimates from the 1994–1996 and 1998 CSFII are those for "consumers only" since it is assumed that no zero ingestion values were used from the 1978 NFCS. Ershow et al.'s

(1991) "total water" is defined as total water consumed directly as a beverage and indirectly through foods plus biological water contained in food and commercial water. These estimates are shown under the column heading "Total Water 1978 NFCS." Estimates of water ingested from all sources based on the CSFII data are reported in the column titled "Total Water 1994–1996, 1998 CSFII". Total water estimates from the CSFII do not include biological or commercial water. Although conceptually similar, there are fairly substantial differences between the "Total Water 1978 NFCS" and "Total Water 1994–1996, 1998 CSFII" estimates. Possible reasons for these differences are discussed below, although the main difference probably is due to the fact that "Total Water 1978 NFCS" includes more sources of water than "Total Water 1994–1996, 1998 CSFII." Since the inclusion of intrinsic and commercial water in the "Total Water 1978 NFCS" estimates appears to account for most of the difference between those and the "Total Water 1994–1996, 1998 CSFII" estimates, it may be more appropriate to compare the "Tap Water" estimates from the 1978 survey with the "Total Water" estimates from the 1994–1996 and 1998 CSFII. Ershow et al.'s (1991) "Tap Water" ingestion estimates are presented in the tables for comparison with the CSFII based "total water" and "community water" estimates.

As shown in the summary tables, the means and the median values of the "tap water" ingestion by nonpregnant and nonlactating women in the 1978 NFCS are fairly close to the "total water" estimates for nonpregnant and nonlactating women based on the 1994–1996 and 1998 CSFII. However, estimated "tap water" ingestion by pregnant and lactating women based on the 1978 survey is much lower than estimated "total water" ingestion by pregnant and lactating women based on the 1994–1996 and 1998 CSFII. Most of this difference is presumably due to a higher bottled water consumption by the pregnant and lactating women in the later survey.

Additional insight into the differences between the estimates reported by Ershow et al. (1991) and the estimates based on the CSFII can be gained by examining the four empirical cumulative distribution plots shown in Figures 6.2.C1A–6.2.C2C. Two of the empirical cumulative distributions on each figure present the lognormal distributions fit by Burmaster to Ershow et al.'s (1991) estimates of water ingestion based on the 1978 NFCS data. The lognormal cumulative distribution of per capita tap water ingestion is labeled "1978 NFCS Tap Water," while the cumulative distribution of per capita total water ingestion is labeled "1978 NFCS Total Water." The remaining two empirical distributions present per capita community and total water ingestion as estimated from the 1994–96 and 1998 CSFII. As can be seen in the plots, the Burmaster lognormal estimates of "Total Water" are consistently higher than empirical distributions of "Total Water" derived from the 1994–1996 and 1998 CSFII data. These differences may be attributed to several factors. While both sets of data report total water ingestion—that is, water consumed directly as a beverage and indirectly through water added to food and beverages during preparation—the methods for determining indirect water consumption are different, and Ershow et al. (1991) include more sources of water. The EPA method of determining indirect water is very detailed and based on recipes, as reported in Chapter 3 of this report. Methods used by Ershow et al. (1991) to determine indirect water were described in general terms. The method they used for allocating the amount of indirect water consumed in foods may have differed and therefore could have introduced bias into the estimates. Ershow et al. (1991) also included additional sources of intrinsic and commercial water such as milk, carbonated and noncarbonated soft drinks; beer, wine, spirits, and mixed drinks. Also, the Ershow et al. (1991) estimates and, in turn, the Burmaster estimates, are based on a 1978 consumer survey, while the data used by EPA were collected in 1994–1996 and 1998. Changes in consumer behavior may have contributed to the difference in estimates. This is suggested by the shape of the lower end of the empirical cumulative distributions, where the more recent data shows much lower per capita daily ingestion at the lower percentile levels. Also, the assumption that daily average per capita ingestion follows a lognormal distribution will tend to result in higher estimates for upper percentiles. The

use of the lognormal distribution to model ingestion for all three populations suggests that a higher percentage of consumers ingest more than 2 L of water daily than the empirical survey-based estimates. This is due to the "heavy tailed" characteristic of the lognormal. The percentage of bias induced by these factors is not estimable with the available data. Users of the total water ingestion estimates for women in childbearing years should be aware that the previously reported estimates based on the 1978 data and the lognormal models are higher than those based on the empirical distribution techniques applied to the 1994–1996 and 1998 CSFII data. While the differences may be due more to differences in what water sources are included in the definition of "Total Water," any risk assessment that uses estimates of water ingestion by women of childbearing age should include an analysis of the sensitivity of the risk estimates to a range of ingestion values based on the estimates presented here.

Table 6.3.A1. Per Capita Water Consumption—Nonpregnant and Nonlactating Women (mL/person/day)

Estimate	Total Water 1978 NFCS (Ershow et. al. 1991)	Tap Water 1978 NFCS (Ershow et. al. 1991)	Total Water 1994–96, 98 CSFII	Community Water 1994–96, 98 CSFII
Sample Size	6,201•	6,201•	2,203#	2,077#
Mean	1,940	1,157	1,252	976
50th %	1,835	1,065	1,057	752
90th %	2,831	1,983	2,338	2,013
95th %	3,186	2,310	2,941	2,614

• Women aged 15 to 49 years; # Women aged 15 to 44 years.

Table 6.3.A2. Per Capita Water Consumption—Nonpregnant or Nonlactating Women (mL/kg/day)

Estimate	Total Water 1978 NFCS (Ershow et. al. 1991)	Tap Water 1978 NFCS (Ershow et. al. 1991)	Total Water 1994–96, 98 CSFII	Community Water 1994–96, 98 CSFII
Sample Size	6,201•	6,201•	2,149#	2,028#
Mean	32.3	19.1	19	15
50th %	30.5	17.3	16	12
90th %	48.4	33.1	35	32
95th %	65.4	39.1	46	38

• Women aged 15 to 49 years; # Women aged 15 to 44 years.

Table 6.3.B1. Per Capita Water Consumption—Pregnant Women (mL/person/day)

Estimate	Total Water 1978 NFCS (Ershow et. al. 1991)	Tap Water 1978 NFCS (Ershow et. al. 1991)	Total Water 1994–96, 98 CSFII	Community Water 1994–96, 98 CSFII
Sample Size	188•	188•	70#	65#
Mean	2,076	1,189	1,318*	872*
50th %	1,928	1,063	1,225*	554*
90th %	3,028	2,191	2,336*	1844*
95th %	3,475	2,424	2,674*	2589*

• Women aged 15 to 49 years; # Women aged 15 to 44 years.

Table 6.3.B2. Per Capita Water Consumption—Pregnant Women (mL/kg/day)

Estimate	Total Water 1978 NFCS (Ershow et. al. 1991)	Tap Water 1978 NFCS (Ershow et. al. 1991)	Total Water 1994–96, 98 CSFII	Community Water 1994–96, 98 CSFII
Sample Size	188•	188•	69#	65#
Mean	32.1	18.3	21*	14*
50th %	30.5	16.4	19*	9*
90th %	48.9	34.5	39*	33*
95th %	53.5	39.6	44*	43*

• Women aged 15 to 49 years; # Women aged 15 to 44 years.

Table 6.3.C1. Per Capita Water Consumption—Lactating Women (mL/person/day)

Estimate	Total Water 1978 NFCS (Ershow et. al. (1991))	Tap Water 1978 NFCS (Ershow et. al. (1991))	Total Water 1994–96, 98 CSFII	Community Water 1994–96, 98 CSFII
Sample Size	77•	77•	41#	34#
Mean	2,242	1,310	1,806*	1665*
50th %	2,164	1,330	1,498*	1 646*
90th %	3,169	1,945	3,021*	2959*
95th %	3,353	2,191	3,767*	3588*

• Women aged 15 to 49 years; # Women aged 15 to 44 years.

Table 6.3.C2. Per Capita Water Consumption—Lactating Women (mL/kg/day)

Estimate	Total Water 1978 NFCS (Ershow et. al. 1991)	Tap Water 1978 NFCS (Ershow et. al. 1991)	Total Water 1994–96, 98 CSFII	Community Water 1994–96, 98 CSFII
Sample Size	77•	77•	40#	33#
Mean	37.0	21.4	28*	26*
50th %	35.1	20.5	25*	20*
90th %	53.7	35.1	53*	54*
95th %	59.2	37.4	57*	55*

• Women aged 15 to 49 years; # Women aged 15 to 44 years.
* The sample size does not meet minimum reporting requirements as described in the “Third Report on Nutrition Monitoring in the United States”.

Figure 6.1.A1. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

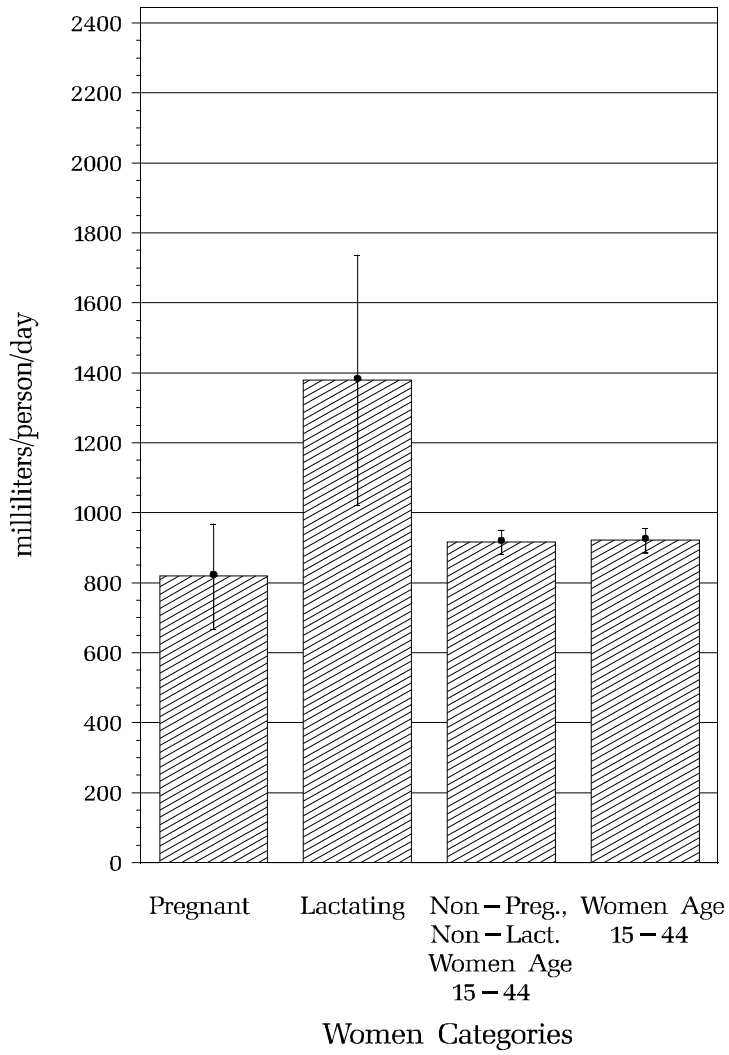


Figure 6.1.A2. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

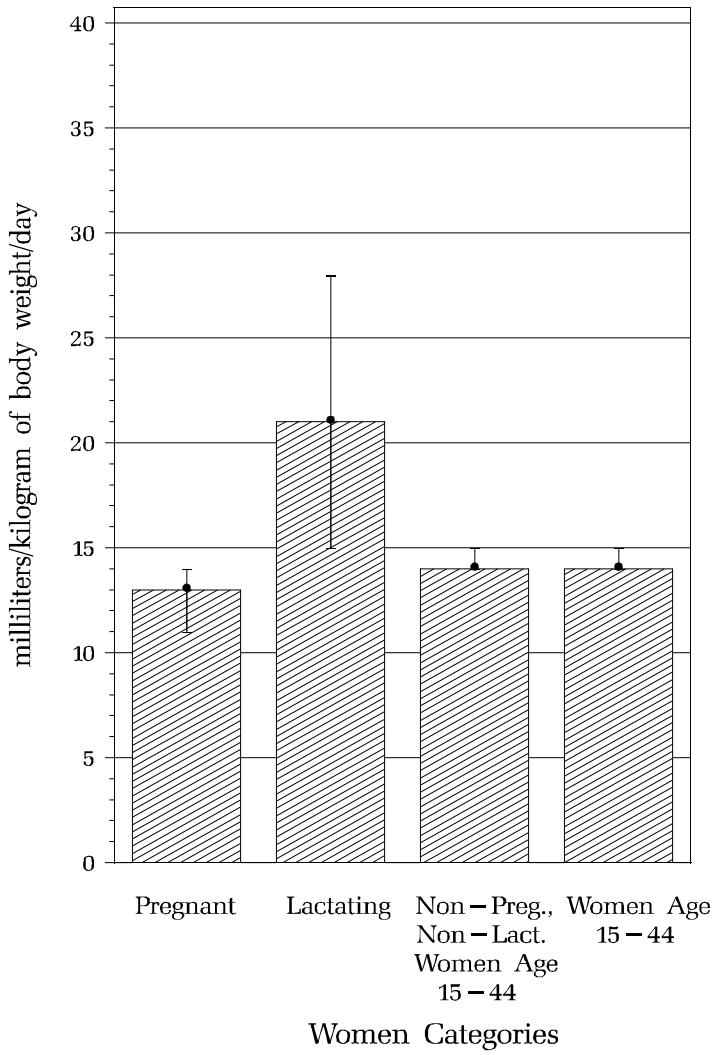


Figure 6.1.B1. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

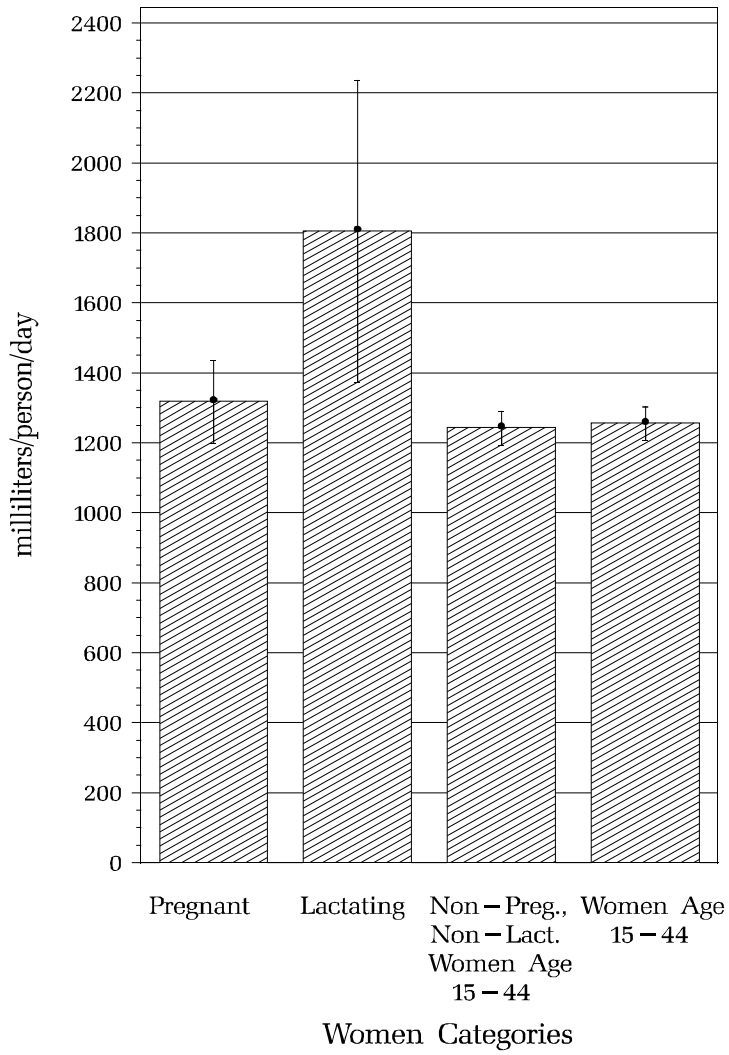


Figure 6.1.B2. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

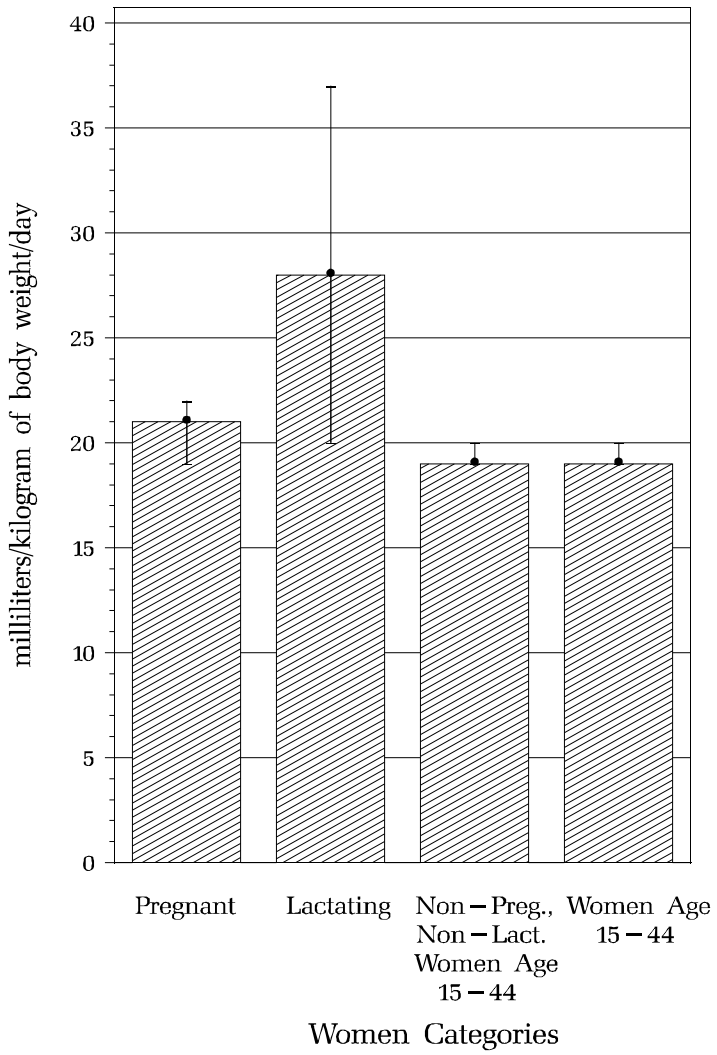


Figure 6.2.A1. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

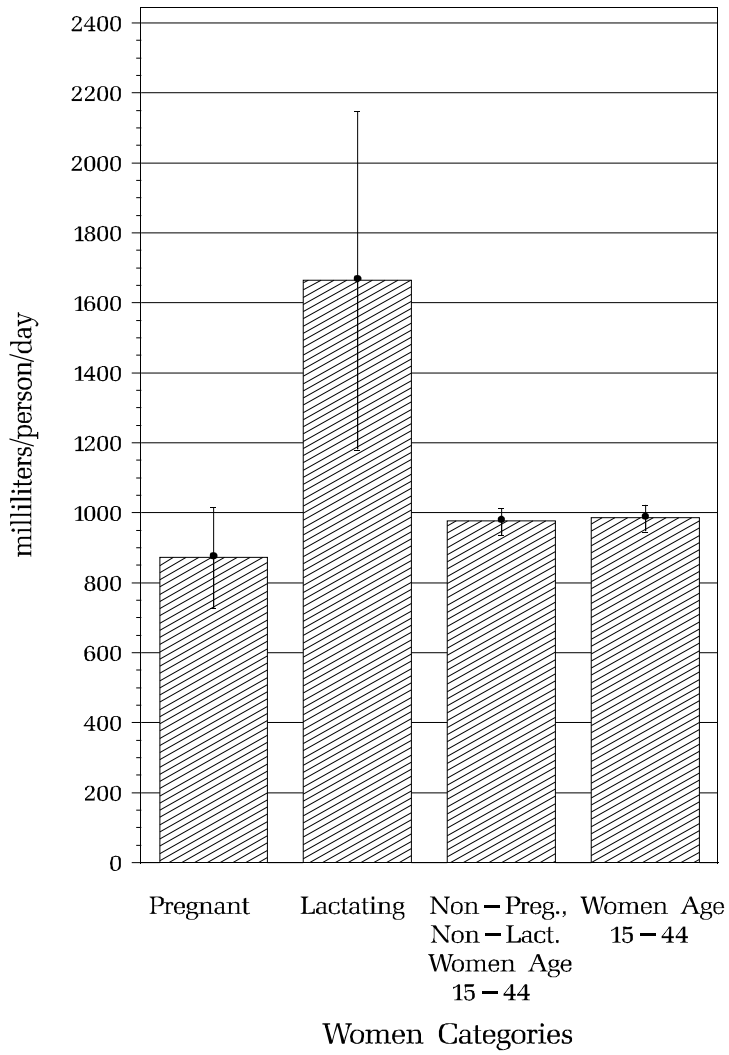


Figure 6.2.A2. Estimated Mean and 90% Confidence Intervals Around the Mean
Direct and Indirect Community Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

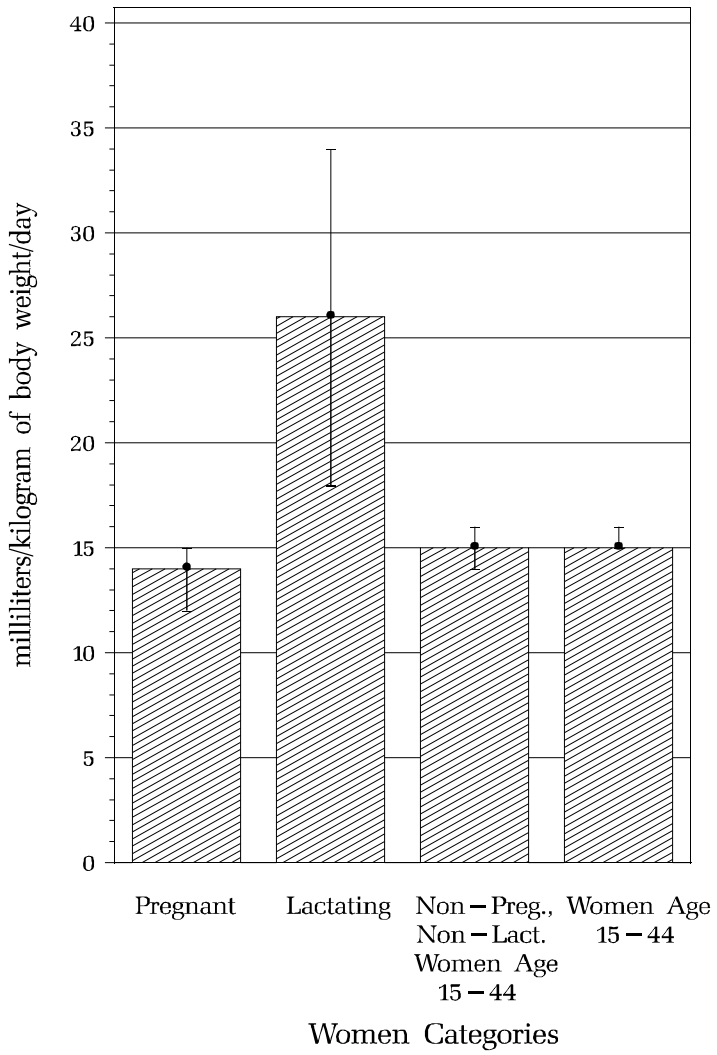


Figure 6.2.B1. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

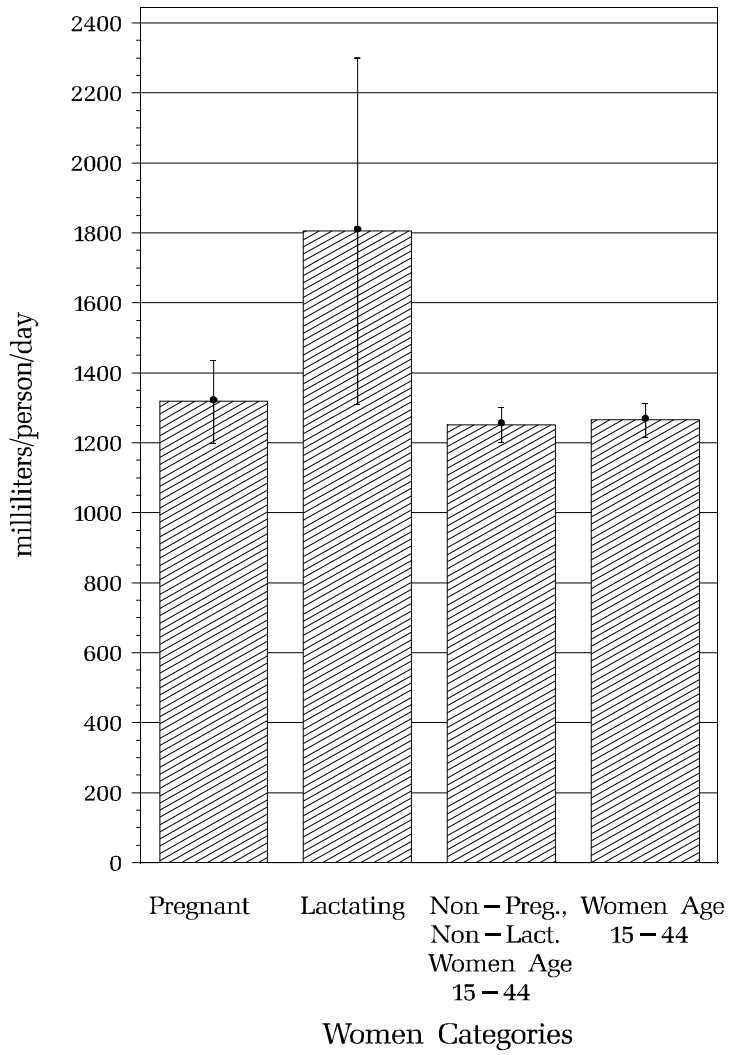


Figure 6.2.B2. Estimated Mean and 90% Confidence Intervals Around the Mean
Total Direct and Indirect Water Ingestion
By Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

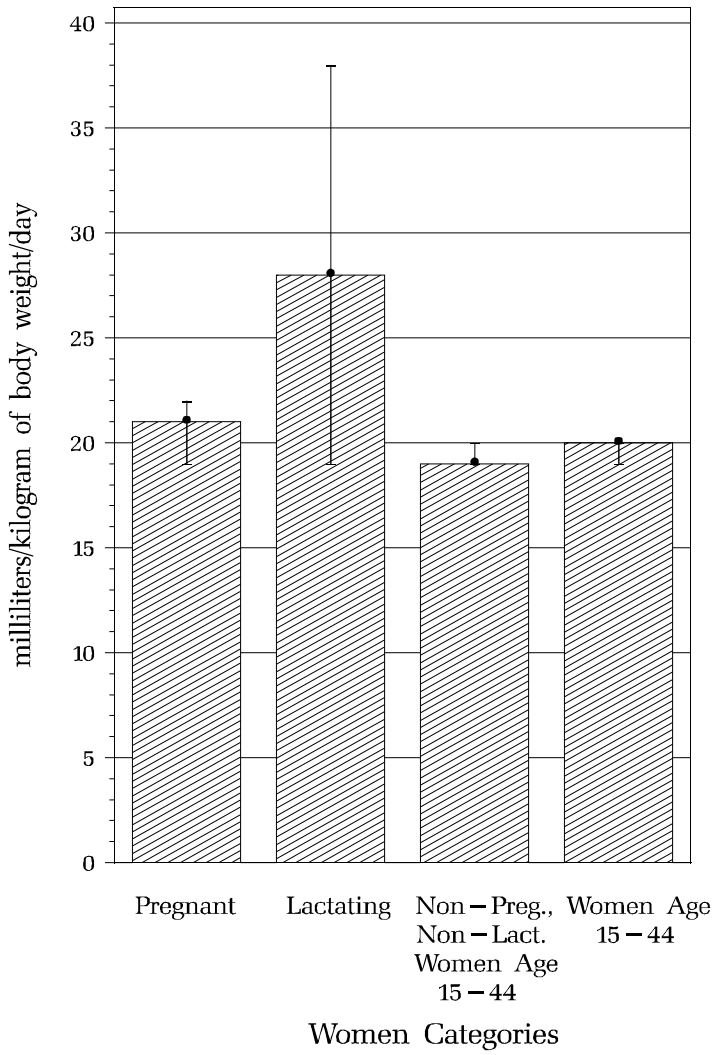


Figure 6.2.C1a. Cumulative Distributions of Per Capita Direct and Indirect Water Ingestion
Pregnant Consumers Only
ml/person/day

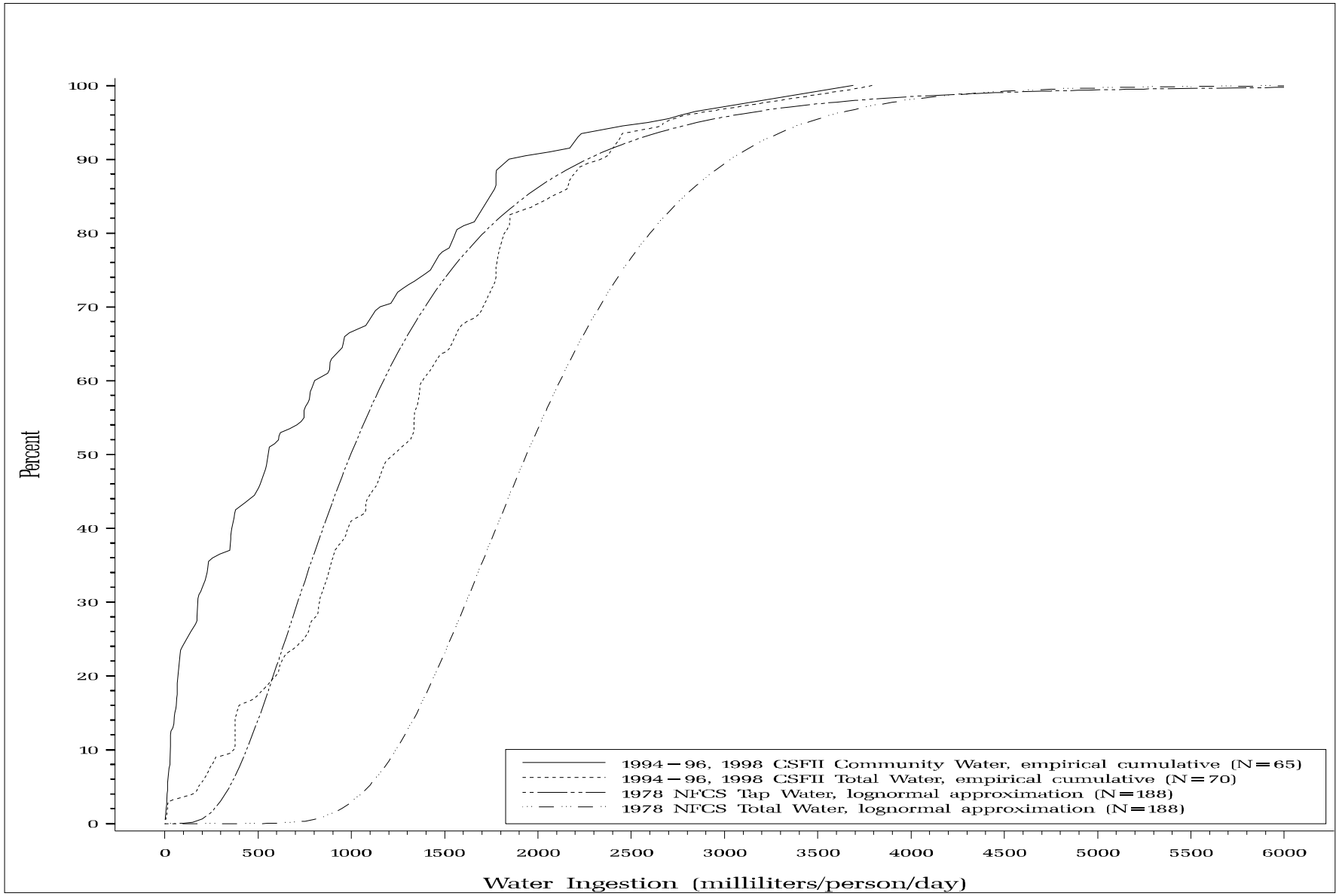


Figure 6.2.C1b. Cumulative Distributions of Per Capita Direct and Indirect Water Ingestion
Lactating Consumers Only
ml/person/day

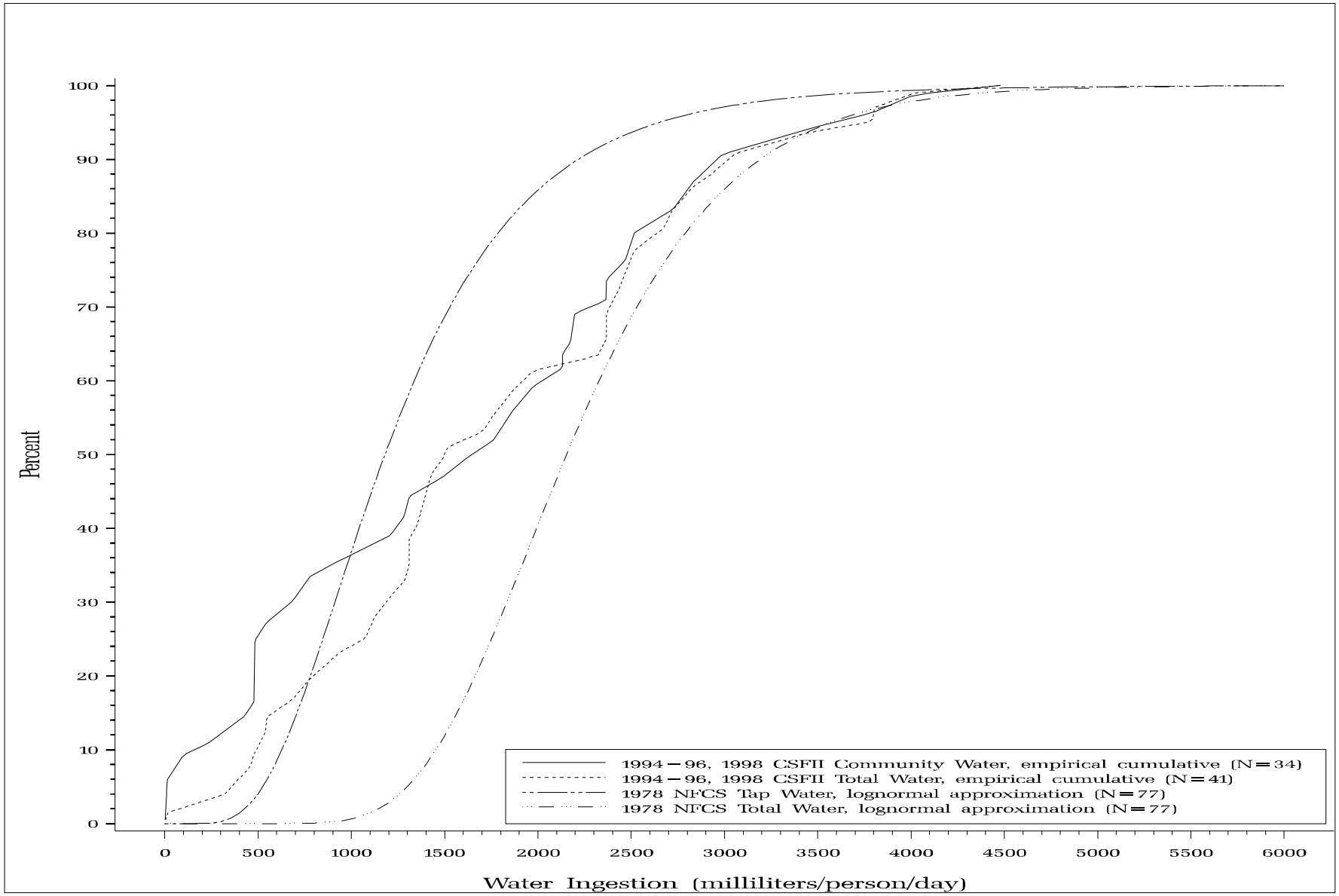
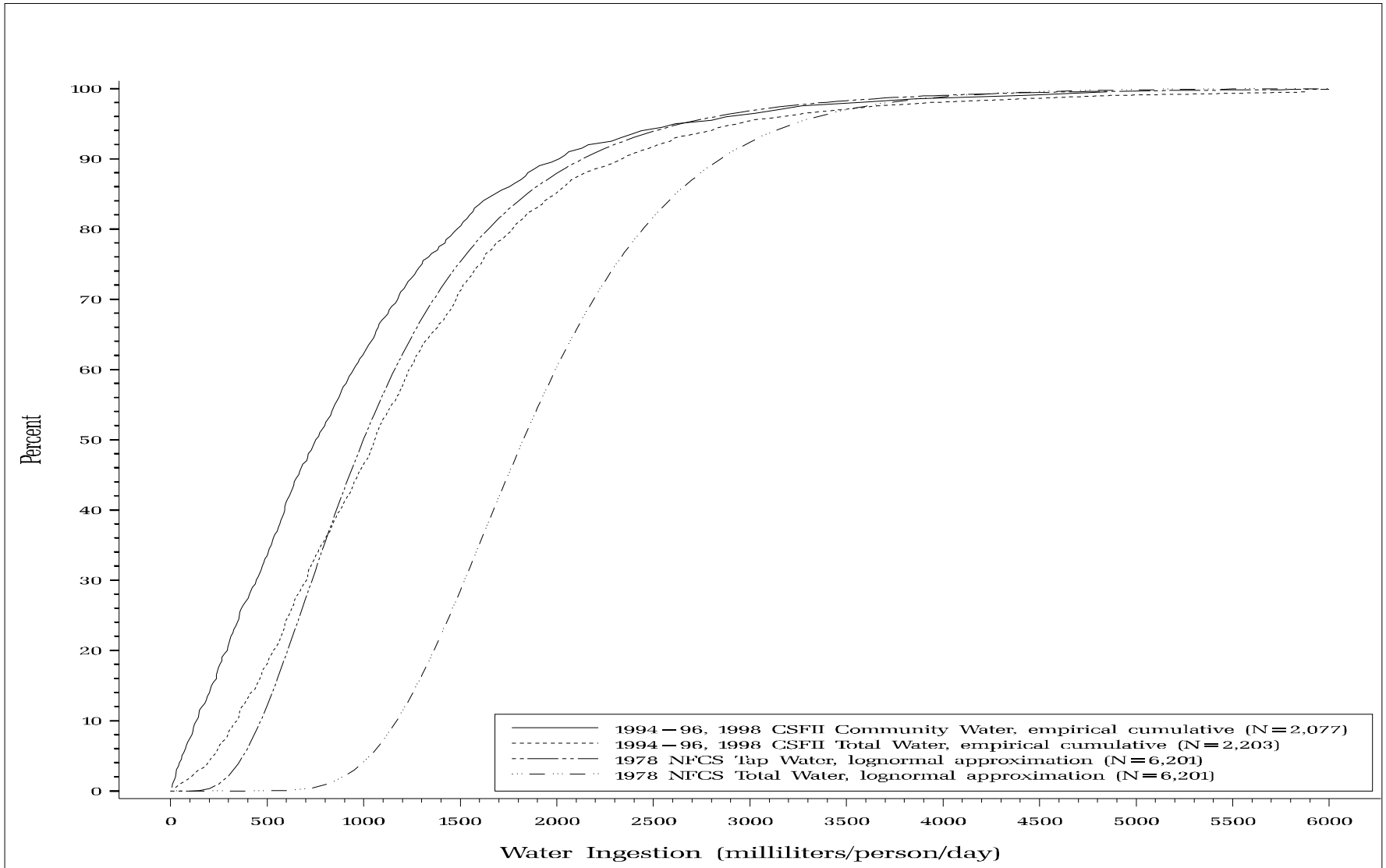


Figure 6.2.C1c. Cumulative Distributions of Per Capita Direct and Indirect Water Ingestion
Control Group* of Women Consumers Only
ml/person/day



*Control group for NFCS is non—pregnant and non—lactating women ages 15—49.
Control group for CSFII is non—pregnant and non—lactating women ages 15—44.

Figure 6.2.C2a. Cumulative Distribution of Per Capita Direct and Indirect Water Ingestion
Pregnant Consumers Only
ml/kg/day

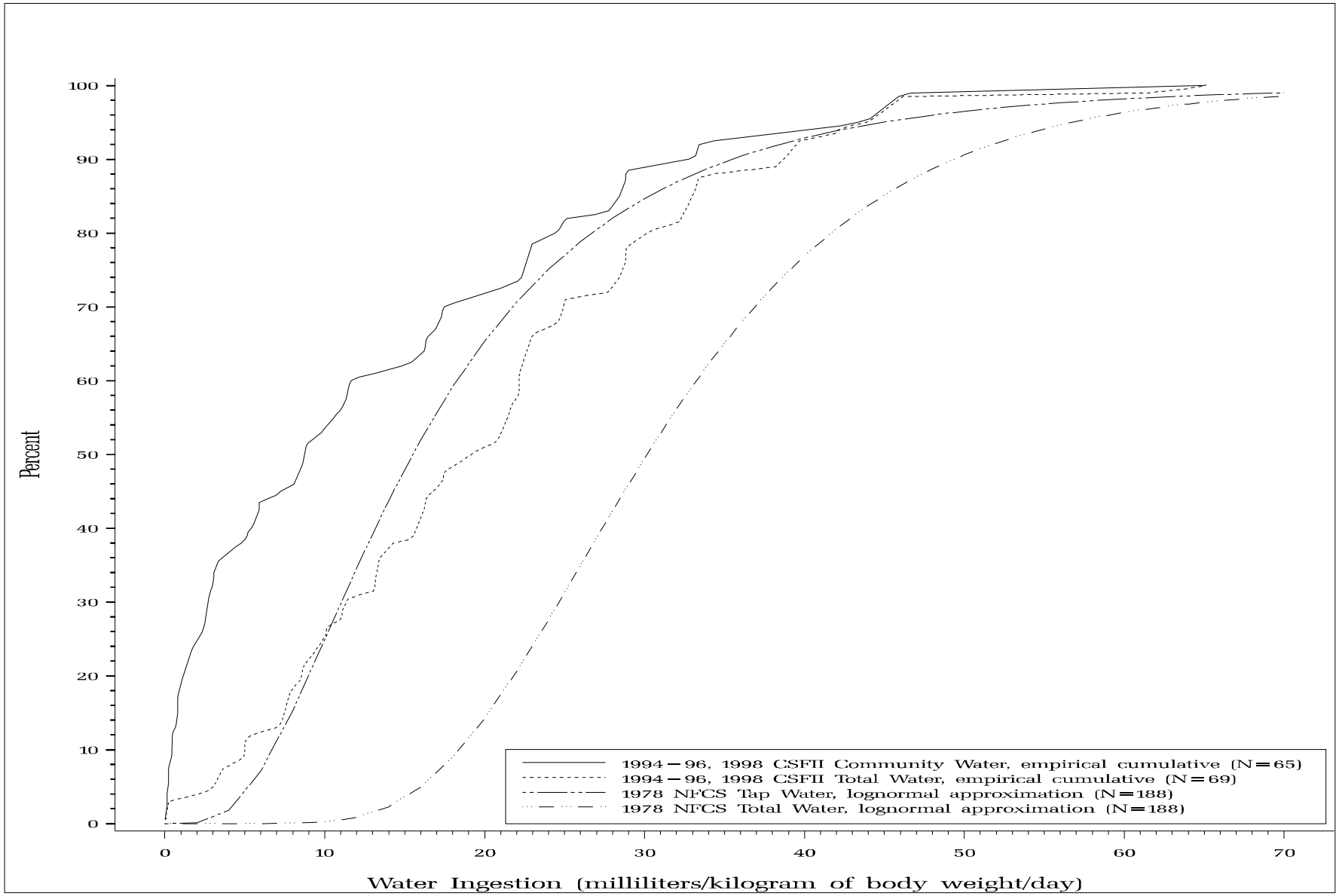


Figure 6.2.C2b. Cumulative Distribution of Per Capita Direct and Indirect Water Ingestion
Lactating Consumers Only
ml/kg/day

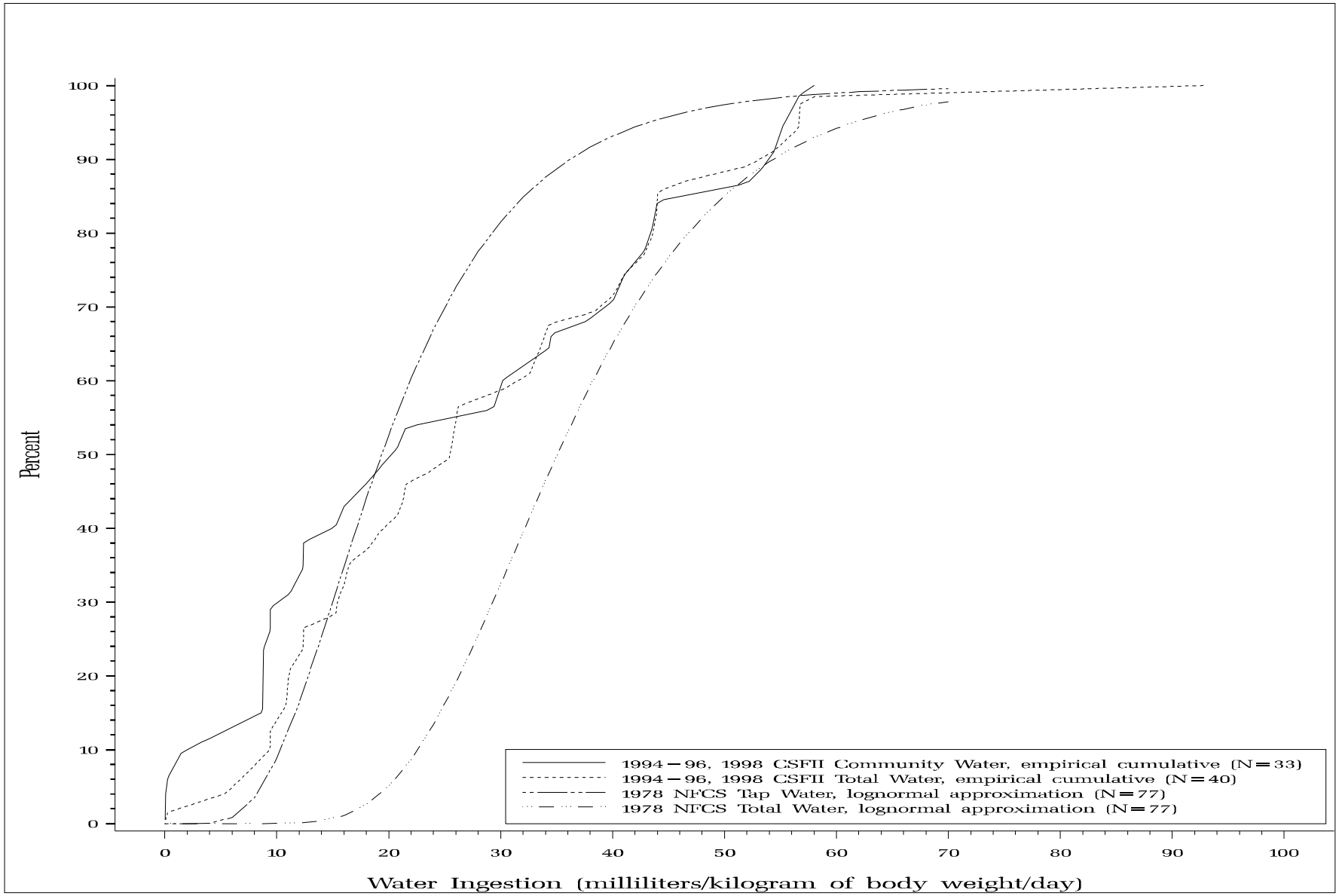
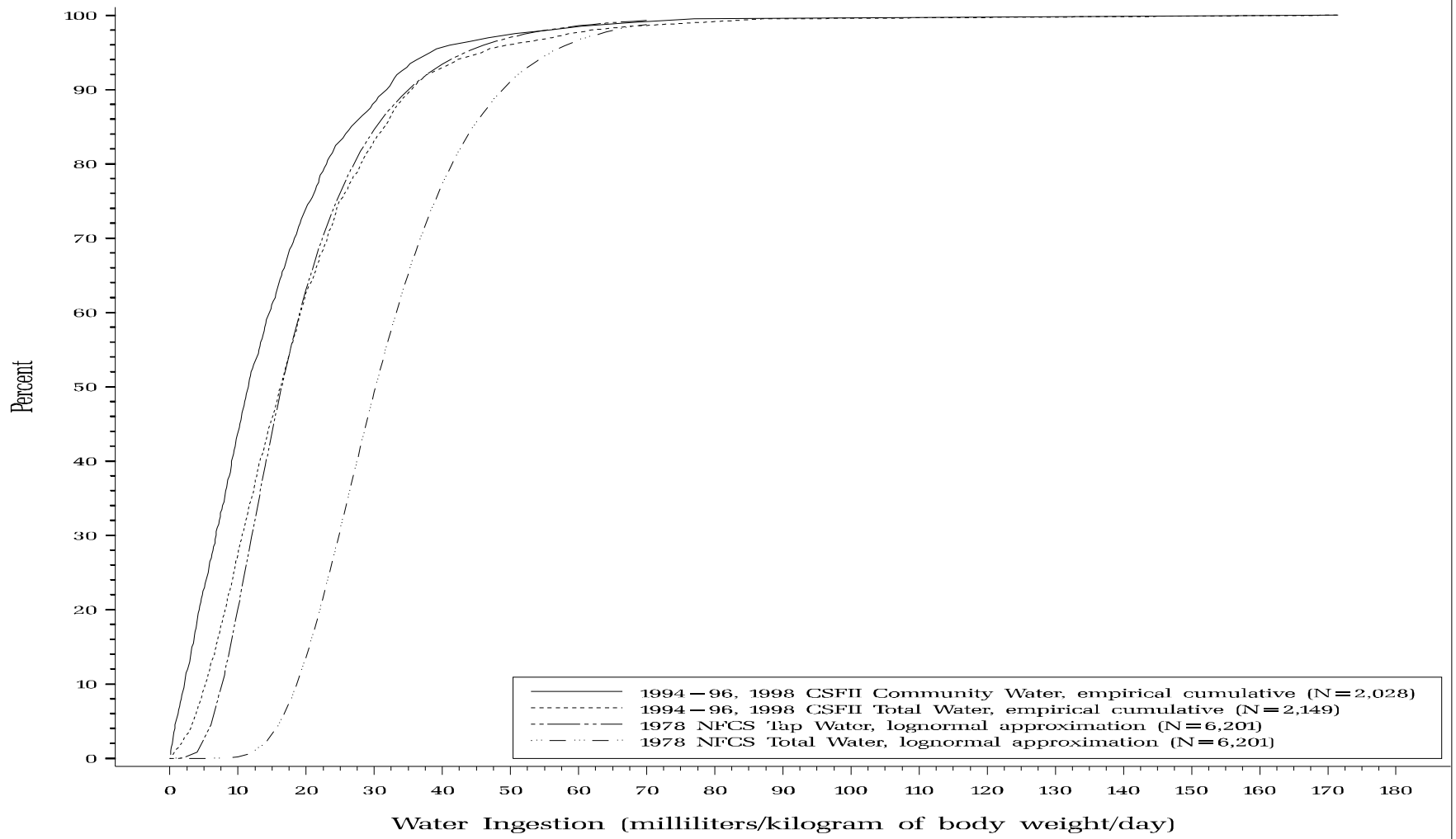


Figure 6.2.C2c. Cumulative Distribution of Per Capita Direct and Indirect Water Ingestion
Control Group* of Women Consumers Only
ml/kg/day



*Control group for NFCS is non—pregnant and non—lactating women ages 15—49.
Control group for CSFII is non—pregnant and non—lactating women ages 15—44.

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7. DISTRIBUTION OF BODY WEIGHTS BY AGE AND GENDER

The default body weights used in many risk assessments are 70 kg for the general population and 10 kg for children 2 years of age and younger. These average body weights are used by many agencies including EPA and the WHO. Using body weight data from the USDA's 1994–1996 and 1998 CSFII, it is possible to estimate means and upper percentiles from the distributions of body weights for the overall U.S. population and for selected subpopulations by age and gender. Specifically, this document presents estimates by smaller age range categories, or "fine" categories. Fine age categories included in this report are: less than 6 months, 6 months to 1 year, 1 to 3 years, 4 to 6 years, 7 to 10 years, 11 to 14 years, 15 to 19 years, 20 to 24 years, 25 to 54 years, 55 to 64 years, and 65 years and older. Additional age range categories include: children younger than 2 years old, and children younger than 6 years; individuals between the ages of 2 and 15 years; individuals aged 6 to 15 years, and older than 15 years; and adults older than 20, and all ages. Using body weight estimates for finer age range categories has a two-fold benefit. Finer age group estimates allow analysts and policymakers to focus risk assessments on specific subpopulations with enhanced knowledge of a variable that plays a key role in the risk assessment process. And, body weight estimates for these subpopulations extrapolate to the U.S. population and are linked to the EPA's per capita water consumption estimates because they come from the same survey sample participants.

This chapter reports estimates from empirical distributions of body weights, based on data from the USDA's 1994–1996 and 1998 CSFII. The weights recorded in the survey, and consequently the estimates reported in this chapter, are self-reported by the participants. The unit of measure for reported estimates is kilograms. Multiply kilogram estimates by 2.2 to obtain an estimate in pounds. Tabulated results present point and interval estimates of the mean, 90th and 95th percentiles from the distributions of reported body weights, in kilograms.

When viewed across genders and all age categories, the average self-reported body weight for individuals in the United States during the 1994–1996 and 1998 period is 65 kg, or 143 lb. The estimated median body weight for all individuals is 67 kg (147 lb). The average weight of children less than 2 years of age is 10 kg (22 lb), while the estimated 95th percentile of the distribution of body weights for children younger that 2 years of age is 14 kg (31 lb). Section 7.1 presents mean and 90 th percentile interval estimates about the mean body weights for fine age categories by gender and across gender. Percentile estimates from the empirical distributions of self reported body weights appear in Section 7.2. Comparison of body weights by available age groups from selected other sources of data are provided in Section 7.3, while Section 7.4 presents conclusions.

7.1 Mean and Upper Percentile Point and Interval Estimates by Age Category and Gender

Table 7.1 presents estimates of the mean, 90th percentile and 95th percentile from the empirical distribution of self-reported body weights from the USDA's 1994–1996 and 1998 combined CSFII. Estimates for age categories are first presented by gender and then across genders. Estimated mean body weights between gender do not differ by more than 1 kg until the age category of 15 to 19 years. This feature also is visible in Figure 7.1. The estimated mean body weight for pregnant or lactating women in the childbearing years of 15 to 44 is the same—66 kg (145 lb)—as it is for nonpregnant or nonlactating women in the same age group. However, the 90 percent intervals about the estimated mean body weight

of women in the childbearing years subgroups differ in width. The widest interval about the mean body weight estimate is for lactating women (61–70 kg). This suggests that self-reported body weights for women in this category are more variable. Additionally, lactating women are the smallest sample in the CSFII survey with 40 lactating women reporting their weights.

Self-reported data from the 1994–1996 and 1998 CSFII suggest that the average weight of females, across all age groups, is 59 kg (130 lb) while the average weight of males across all age groups is 70 kg (154 lb). When considering adults aged 20 or more, the average female weight is 68 kg (150 lb) while the average adult male weights 84 kg (185 lb). The estimated mean body weight for females is 16 kg (35 lb) less than the mean body weight for males for the age groups of 20 to 24, 25 to 54, and 20 years of age and older. This 16 kg difference in estimated means between genders is the highest observed difference across the age categories.

7.2 Percentile Estimates from the Empirical Distributions of Body Weight

While the estimated mean body weight for children younger than 2 years of age is 10 kg (22 lb), the estimated 90th percentile and 95th percentile from the distribution of body weights for these children are 13 kg (29 lb) and 14 kg (31 lb), respectively. For the fine age groups of children less than 6 years of age, the estimated mean body weight for the age groups are within 1 kg of the estimated median weight for the age group. This suggests that body weights follow an approximately normal distribution. In keeping with this observation, upper percentile estimates from the empirical distributions of body weights for each gender are within 1 kg of each other for the fine age groups of children younger than 6 years of age.

However, with increasing age, estimated means become higher than estimated medians. While this observation is true for both genders, it is particularly evident for males. For example, the estimated mean body weight for teenage males aged 15 to 19 years is 73 kg while the estimated median is 68 kg. This suggests that body weights are skewed with more observed higher body weights. Upper percentiles of body weight for males exceed those of females in the same age group when the individuals are older than 6 years of age. For example, the estimated 90th percentile from the distribution of body weights for women 20 years of age and older is 88 kg (194 lb) while the 90th percentile estimate for males in the same age category is 104 kg (229 lb). The estimated 95th percentile from the distribution of body weights for women 20 years and older is 97 kg (213 lb) while the 95th percentile estimate for males in the same age category is 110 kg (242 lb).

As a quick reference, Table 7.3 presents estimates of mean and median body weights by gender and across gender for 10 age categories. For the fine age categories reported in the summary table, the mean and median estimated body weights are the same for children in categories less than 2 years of age. This suggests that body weights follow an approximately normal distribution. After the age of 2 years, estimated mean body weights are higher than estimated median body weights as age categories increase. This suggests that the distributions of body weights are skewed to the right. When viewed across ages, the estimated median body weight is higher than the estimated mean body weight. This suggests that the body weight distribution across the entire survey weighted sample is slightly skewed to the left.

Although the estimated mean weight of 66 kg for pregnant or lactating women is the same as that for nonpregnant and nonlactating women in childbearing years (15 to 44 years of age) , the estimated median body weight for pregnant women (63 kg) is 1 kg higher than the 62 kg estimated median weight for their nonpregnant and nonlactating cohorts in the same age category. The estimated median weight

for lactating women (61 kg) is one kilogram less than the 62 kg estimated median body weight for their nonpregnant and nonlactating age group cohorts. As the asterisks on Table 7.2 indicate, the sample sizes for pregnant and lactating women are very small.

7.3 Body Weight Estimates from the National Center for Health Statistics

As a point of reference, growth charts for the United States (as presented by the Centers for Disease Control and Prevention National Center for Health Statistics) were consulted. These charts, published on http://www.cdc.gov/growthcharts, were initially released May 30, 2000. These charts were produced using the National Health and Nutrition Examination Survey III (NHANES III). There are nine growth curves for each gender. Each growth curve depicts a given percentile. Age is on the X axis while body weight is on the Y axis.

The weight of 10 kg for females on the growth curves represents: the 97th percentile at 8 months of age; the 95th percentile at 8.5 months; the 90th percentile at 9.5 months; the 75th percentile at 11.25 months; and the median for 13.5 months. For males, 10 kg is the 97th percentile at 6.25 months of age; the 95th percentile at 6.75 months; the 90th percentile at 7.5 months; the 75th percentile at 9 months; and the median at 11 months of age.

Estimates of mean body weights for children 6 months to 1 year of age from NHANES III data matched those of the CSFII for the same age category. Body weights in NHANES III are measured by survey staff as opposed to self-reported. These data are from a national probability sample of the United States population during 1988 through 1994. These mean estimates were produced under EPA contract 68-C-99-24.

For women in the childbearing years of 15 to 44, NHANES III estimates of median and mean body weights are 63.2 kg and 67.3 kg, respectively, during 1988 through 1994. From the 1994–1996 and 1998 CSFII, median and mean self-reported body weights are 62 kg and 66 kg, respectively. Thus, the estimated mean and median self-reported body weights for women in childbearing years are within one kilogram of those estimated from NHANES III survey measured weights. Note that estimates from NHANES III do not exclude pregnant and lactating women from the cohort of women in childbearing years.

Table 7.1. Estimated Body Weight
By Gender and Fine Age Categories
All Individuals

Age	Sample Size	Population	Kilograms								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
			Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
a. Female											
<0.5	383	935,936	6	6	6	7	7	8	8*	8*	9*
0.5-0.9	345	898,290	9	9	9	11	10	11	12*	11*	12*
1-3	1,794	5,618,977	14	13	14	17	17	18	19	19	19
4-6	1,468	5,771,300	20	20	21	26	25	27	29	27	32
7-10	491	6,895,811	31	30	32	43	41	45	48	45	54
11-14	398	7,660,943	50	50	51	65	64	68	72*	68*	77*
15-19	407	8,531,043	61	60	62	74	73	79	82	79	86
20-24	340	9,230,121	64	63	66	81	82	89	93	89	101
25-54	2,331	55,163,329	69	68	69	90	89	91	100	98	103
55-64	741	11,126,465	71	70	72	90	91	93	99	97	104
65 +	1,025	17,584,906	67	66	68	84	82	84	90	91	91
20 +	4,437	93,104,821	68	68	69	88	87	91	97	95	100
<2	1,227	3,777,633	9	9	10	13	13	14	14	14	14
2-15	3,652	24,003,624	32	32	33	54	54	57	60	58	62
15 +	4,844	101,635,864	68	67	68	87	86	89	96	95	99
<6	3,739	11,271,167	14	14	14	20	20	20	22	22	23
6-15	1,140	16,510,090	39	38	40	58	57	59	64	62	68
Pregnant	69	1,728,389	66*	63*	69*	81*	80*	86*	89*	82*	95*
Lactating	40	1,141,186	66*	61*	70*	87*	77*	98*	95*	84*	121*
Non-Pregnant and Non-Lactating Women Age 15-44	2,166	54,687,608	66	65	67	86	86	89	98	95	100
Women Age 15-44	2,275	57,555,119	66	65	67	86	85	89	97	93	100
All ages	9,723	129,417,121	59	59	60	84	84	86	93	91	95

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13MAY03 14:21 m:\PW\OSTWATER\REQ007\R007_71.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 7.1. Estimated Body Weight
By Gender and Fine Age Categories
All Individuals

Age	Sample Size	Population	Kilograms								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
			Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
b. Male											
<0.5	361	954,525	6	6	6	8	8	9	9*	9*	10*
0.5-0.9	333	872,410	9	9	10	11	11	12	12*	12*	12*
1-3	1,851	6,127,169	14	14	15	18	18	18	19	19	20
4-6	1,520	5,799,447	21	21	21	26	25	27	28	28	29
7-10	537	7,645,200	32	32	33	44	43	44	48	46	52
11-14	392	7,522,213	52	51	53	72	70	78	81*	79*	84*
15-19	409	9,294,121	73	71	74	94	91	100	107	100	113
20-24	336	9,172,756	80	78	81	100	95	104	112	104	120
25-54	2,499	56,219,548	85	84	86	104	104	107	111	110	114
55-64	775	9,564,795	84	83	85	103	102	104	109	107	109
65 +	1,114	12,993,304	80	79	81	99	98	100	104	103	107
20 +	4,724	87,950,403	84	83	84	104	102	104	110	109	111
<2	1,197	3,917,902	10	10	10	13	14	14	14	15	15
2-15	3,797	25,003,062	33	32	34	57	55	59	66	64	70
15 +	5,133	97,244,524	82	82	83	103	102	104	109	109	111
<6	3,791	11,889,007	15	15	15	21	21	22	23	23	24
6-15	1,203	17,031,957	40	39	41	61	60	64	71	68	75
All ages	10,127	126,165,488	70	70	71	100	100	100	109	107	109

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13MAY03 14:21 m:\PW\OSTWATER\REQ007\R007_71.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 7.1. Estimated Body Weight
By Gender and Fine Age Categories
All Individuals

Age	Sample Size	Population	Kilograms								
			Mean			90th percentile			95th percentile		
				90% C.I.			90% B.I.**			90% B.I.**	
			Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
c. Both sexes											
<0.5	744	1,890,461	6	6	6	8	8	8	9	9	9
0.5-0.9	678	1,770,700	9	9	9	11	11	11	12	12	12
1-3	3,645	11,746,146	14	14	14	18	18	18	19	19	19
4-6	2,988	11,570,747	21	20	21	26	25	27	28	27	30
7-10	1,028	14,541,011	32	31	32	43	43	44	48	46	50
11-14	790	15,183,156	51	51	52	68	68	70	79	77	82
15-19	816	17,825,164	67	66	68	85	83	89	99	95	101
20-24	676	18,402,877	72	71	73	94	91	98	104	101	109
25-54	4,830	111,382,877	77	76	77	100	100	100	109	109	109
55-64	1,516	20,691,260	77	76	78	99	97	101	105	104	109
65 +	2,139	30,578,210	72	72	73	93	91	94	100	98	100
20 +	9,161	181,055,224	76	75	76	98	98	100	107	105	109
<2	2,424	7,695,535	10	10	10	13	13	14	14	14	15
2-15	7,449	49,006,686	33	32	33	56	54	57	63	61	66
15 +	9,977	198,880,388	75	74	75	97	98	98	106	105	107
<6	7,530	23,160,174	15	15	15	21	20	21	23	23	23
6-15	2,343	33,542,047	40	39	40	59	59	61	68	66	71
All ages	19,850	255,582,609	65	64	65	95	93	95	104	102	104

(1) Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13MAY03 14:21 m:\PW\OSTWATER\REQ007\R007_71.lst
(2) Estimates are based on 2-day averages.
(3) Interval estimates may involve aggregation of variance estimation units when data are too sparse to support estimation of the variance.
(4) All estimates exclude commercial and biological water.

**: Percentile intervals were estimated using percentile bootstrap method with 1,000 bootstrap replications.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States, 1994-96".
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table 7.2. Estimated Distribution of Body Weight
Gender and Fine Age Categories
All Individuals

				Kilograms**									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
	<0.5	383	935,936	6	2*	3*	3	4	5	7	7	8*	11*
	0.5-0.9	345	898,290	9	5*	6*	7	7	8	9	11	12*	13*
	1-3	1,794	5,618,977	14	8*	9	10	11	13	15	17	19	22*
	4-6	1,468	5,771,300	20	12*	14	15	17	19	22	26	29	36*
	7-10	491	6,895,811	31	16*	20	22	25	29	36	43	48	57*
	11-14	398	7,660,943	50	27*	32*	35	43	49	56	65	72*	85*
	15-19	407	8,531,043	61	39*	45	47	52	58	67	74	82	98*
	20-24	340	9,230,121	64	43*	47	50	54	61	69	81	93	112*
	25-54	2,331	55,163,329	69	44	49	52	57	65	77	90	100	123
	55-64	741	11,126,465	71	45*	50	53	61	68	79	90	99	120*
	65 +	1,025	17,584,906	67	42*	47	51	57	65	75	84	90	104*
	20 +	4,437	93,104,821	68	44	49	51	57	65	76	88	97	120
	<2	1,227	3,777,633	9	3*	4	5	7	9	11	13	14	16*
	2-15	3,652	24,003,624	32	11	13	14	18	27	44	54	60	78
	15 +	4,844	101,635,864	68	43	48	51	56	64	75	87	96	120
	<6	3,739	11,271,167	14	4	6	8	11	14	18	20	22	27
	6-15	1,140	16,510,090	39	16*	19	22	27	37	49	58	64	82*
	Pregnant	69	1,728,389	66*	43*	48*	51*	56*	63*	75*	81*	89*	95*
	Lactating	40	1,141,186	66*	-	47*	51*	55*	61*	70*	87*	95*	114*
	Non-Pregnant and Non-Lactating Women Age 15-44												
		2,166	54,687,608	66	43	47	50	54	62	72	86	98	120
	Women Age 15-44	2,275	57,555,119	66	43	47	50	54	62	72	86	97	120
	All ages	9,723	129,417,121	59	8	15	23	50	61	72	84	93	114

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 15APR03 18:59 M:\PW\OSTWATER\REQ006\R006_G1.LST
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
**: Multiply values by 2.2 to convert to estimated weight in pounds.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

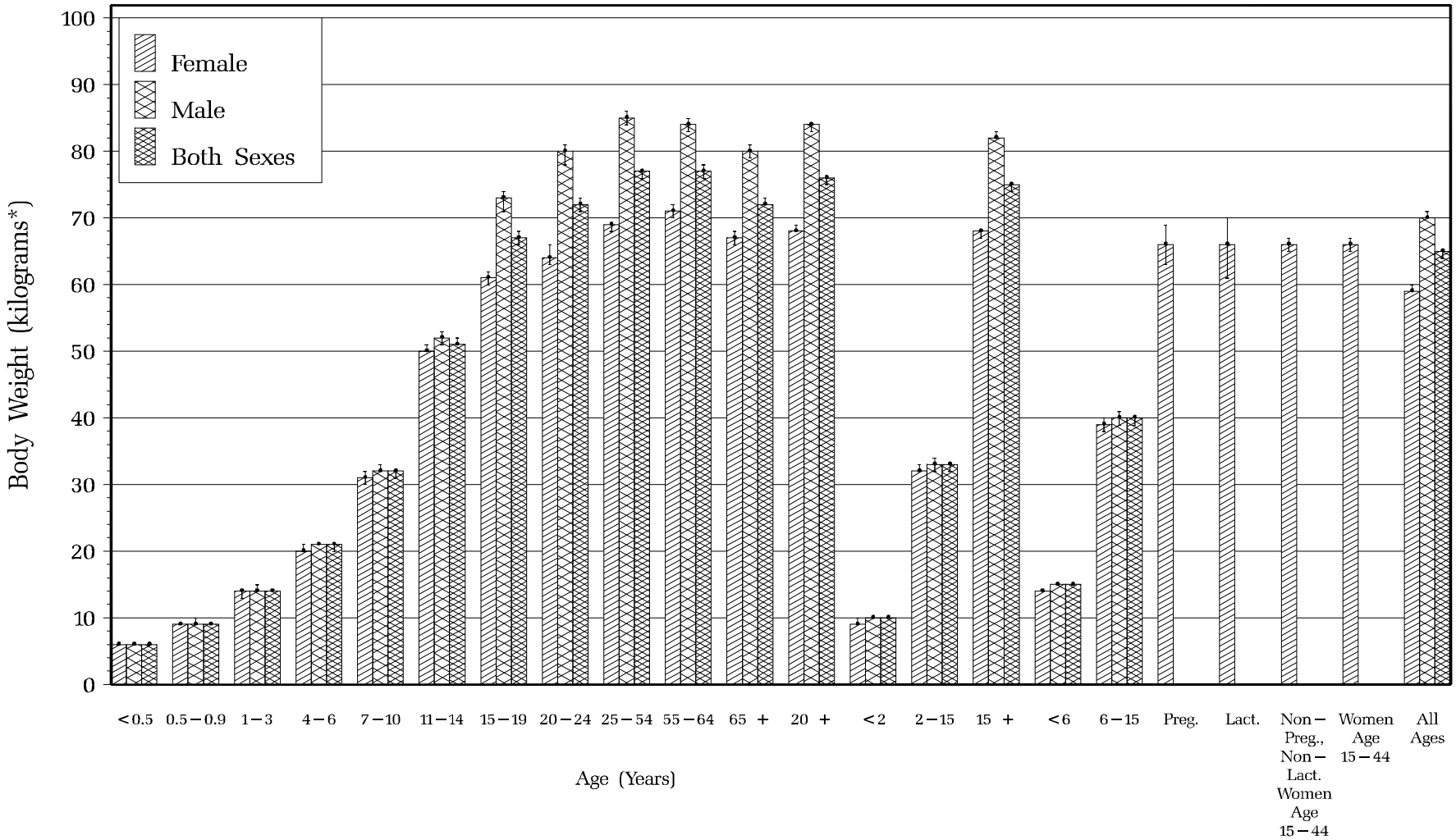
Table 7.2. Estimated Distribution of Body Weight
Gender and Fine Age Categories
All Individuals

				Kilograms**									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
	<0.5	361	954,525	6	3*	3*	4	5	6	7	8	9*	11*
	0.5-0.9	333	872,410	9	6*	7*	7	8	9	10	11	12*	13*
	1-3	1,851	6,127,169	14	9*	10	11	12	14	16	18	19	23*
	4-6	1,520	5,799,447	21	13*	15	16	18	20	22	26	28	36*
	7-10	537	7,645,200	32	18*	21	22	27	31	36	44	48	63*
	11-14	392	7,522,213	52	28*	32*	35	41	50	60	72	81*	92*
	15-19	409	9,294,121	73	44*	53	56	61	68	80	94	107	116*
	20-24	336	9,172,756	80	52*	58	61	68	78	86	100	112	134*
	25-54	2,499	56,219,548	85	54	63	66	75	83	93	104	111	134
	55-64	775	9,564,795	84	54*	61	67	74	83	93	103	109	125*
	65 +	1,114	12,993,304	80	51*	59	63	70	78	88	99	104	117*
	20 +	4,724	87,950,403	84	54	61	65	72	82	91	104	110	130
	<2	1,197	3,917,902	10	3*	4	6	8	10	12	13	14	17*
	2-15	3,797	25,003,062	33	11	13	15	19	28	43	57	66	84
	15 +	5,133	97,244,524	82	52	60	63	72	81	91	103	109	129
	<6	3,791	11,889,007	15	4	7	8	11	15	18	21	23	29
	6-15	1,203	17,031,957	40	18*	20	22	27	36	50	61	71	86*
	All ages	10,127	126,165,488	70	9	15	22	59	76	87	100	109	126
c. Both sexes													
	<0.5	744	1,890,461	6	2*	3	3	4	6	7	8	9	11*
	0.5-0.9	678	1,770,700	9	6*	7	7	8	9	10	11	12	13*
	1-3	3,645	11,746,146	14	8	9	10	11	13	16	18	19	23
	4-6	2,988	11,570,747	21	12	14	16	17	20	22	26	28	36
	7-10	1,028	14,541,011	32	17*	20	22	26	29	36	43	48	59*
	11-14	790	15,183,156	51	28*	32	35	42	50	58	68	79	89*
	15-19	816	17,825,164	67	42*	47	50	56	63	73	85	99	113*
	20-24	676	18,402,877	72	45*	49	53	59	68	81	94	104	130*
	25-54	4,830	111,382,877	77	45	52	54	63	75	86	100	109	127
	55-64	1,516	20,691,260	77	46	52	57	65	75	87	99	105	124
	65 +	2,139	30,578,210	72	44	50	54	62	71	81	93	100	113
	20 +	9,161	181,055,224	76	45	51	54	63	73	86	98	107	126
	<2	2,424	7,695,535	10	3	4	5	7	10	11	13	14	17
	2-15	7,449	49,006,686	33	11	13	15	19	28	43	56	63	82
	15 +	9,977	198,880,388	75	45	50	54	61	72	84	97	106	125
	<6	7,530	23,160,174	15	4	6	8	11	14	18	21	23	28
	6-15	2,343	33,542,047	40	17	20	22	27	36	50	59	68	85
	All ages	19,850	255,582,609	65	8	15	22	52	67	81	95	104	122

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 15APR03 18:59 M:\PW\OSTWATER\REQ006\R006_G1.LST
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
**: Multiply values by 2.2 to convert to estimated weight in pounds.
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Figure 7.1. Estimated Mean and 90% Confidence Intervals Around Mean Body Weight

By Gender, Fine Age, and Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals



*Multiply values by 2.2 to convert to estimated weight in pounds.

Table 7.3. Mean and Median Body Weight Estimates—A Summary Table

Age Category (yrs)	Estimated Mean (kg)			Estimated Median (kg)		
	Across Gender	Males	Females	Across Gender	Males	Females
< 0.5 years	6	6	6	6	6	5
0.5– 0.9	9	9	9	9	9	8
<2	10	10	9	10	10	9
1–3	14	14	14	13	14	13
4–6	21	21	20	20	20	19
7–10	32	32	31	29	31	29
11–14	51	52	50	50	50	49
15–19	67	73	61	63	68	58
20+	76	84	68	73	82	65
Across Ages	65	70	59	67	76	61

7.4 Conclusions

The mean body weight estimate from the 1994–1996 and 1998 USDA's CSFII for adults 20 years of age and older is 76 kg (167 lb). This is 6 kg or 13 lb higher than the default weight usually used in risk assessments. The estimated median body weight across genders for adults 20 years of age and older is 73 kg (161 lb). The mean body weight for women 20 years of age and older is 68 kg (150 lb) while the mean weight for men in that age group is 84 kg (185 lb). Pregnant and lactating women as well as their cohort of nonpregnant and nonlactating women in the childbearing years of 15 to 44 weigh 66 kg (145 lb), on average.

The mean body weight for all individuals, males and females combined, across all age groups, is 65 kg (143 lb) which is 5 kg less than the 70 kg default value. The estimated median weight across all age groups and gender is 67 kg (147 lb). The mean weight of females across all age groups is 59 kg (130 lb) while the mean for males across all age groups is 70 kg (154 lb). The estimated median weight for females, across all age categories, is 61 kg (134 lb) while the estimated median weight for males is 76 kg (167 lb).

Ten kilograms is the estimated mean body weight for children 2 years of age and younger. Children in the age category of 1 to 3 years weigh, on average, 14 kg. Mean body weights by gender are the same or differ by at most one kilogram for children in the following age groups: younger than 6 months, 6 months to 1 year, 1 to 3 years, 4 to 6 years, and 7 to 10 years of age. In the 11 to 14 years of age category, females have an average weight of 50 kg while male children weigh 52 kg, on average. After the age of 3, mean body weights for females are less than those for males. In the 15 to 19 age group, females weigh on average 61 kg while their male cohorts weigh 73 kg, on average.

Estimates in this chapter demonstrate that distributions of body weight show considerable

differences as age and gender are taken into account. The results presented here allow for evaluation of the effects of these differences in different circumstances. The sensitivity of results to different assumptions about body weight should be examined in any risk assessment analysis but it seems clear that in cases where differences due to age and gender are likely to be important, these sensitivities are critical. In any case, use of age and gender based distributions of body weight should yield more accurate and more appropriate results.

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8. DISCUSSION

All surveys have strengths and limitations when assessed against the specific objective being addressed. Section 8.1 discusses the strengths and limitations of the USDA's 1994–96, and 1998 CSFII data for supporting the estimates reported in this document. Section 8.2 identifies and discusses sources of possible bias and error in the 1994–1996 and 1998 CSFII with respect to water ingestion estimates. Section 8.3 presents the report conclusions, and Section 8.4 provides a listing of references used in this report.

8.1 Survey Strengths and Limitations

The strengths of the USDA's 1994–1996 and 1998 CSFII survey for supporting estimates of per capita water ingestion are twofold. First, the survey design is structured to obtain a statistically valid sample of the United States population. Second, the survey is designed to record daily intakes of foods and nutrients and support estimation of food consumption. These features are in direct alignment with the objective of producing current, per capita water ingestion estimates for the United States population and for population subsets sensitive to potential contaminants in drinking water.

The 1994–1996 and 1998 CSFII survey design allows the combination of the data collected in the different years through a weighting scheme. This combination of the data collected over the four year period provides a National sample of more than 20,000 respondents. Additionally, the 1998 survey sampled more than 5,000 children younger than 9 years of age. With increased sample sizes, the precision and accuracy of estimates are improved and the support for subpopulation estimates is enhanced. This design structure, in conjunction with the implementation of a sampling protocol, increases the sample's representation of the United States population and minimizes possible seasonal and/or regional bias from respondents. Low-income individuals and children younger than 9 years of age are oversampled to ensure their representation in the sample and improve the precision of the estimates for these groups. Finally, the survey weight associated with each respondent's information to project the response to the population has been adjusted for nonresponse bias. These adjustments were based on sociodemographic factors. Nonresponse adjustments were also improved significantly, i.e. reduced, for these CSFII data. The response rate for participants with multiple days of food intake information is 77.4 percent for the 1994–1996 and 1998 CSFII, as opposed to approximately 45 percent for the 1989–1991 CSFII.

The method employed to collect dietary intake data also strengthened the CSFII design for supporting per capita ingestion estimates. For example, the USDA's 1994–1996 and 1998 CSFII survey was administered by an interviewer on both days of data collection. This administration provided multiple passes through the day's intake to facilitate more complete responses. Previous surveys have relied on interviewer administration for the first day and self-administration on subsequent days. This change in administration method insures consistency with respect to the recording of responses across interview days.

Previous CSFII surveys have collected dietary intake information on consecutive days. This collection method raises issues about the contribution of within–individual variance and between day correlation to overall estimates. The 1994–1996 and 1998 CSFII collected data on 2 nonconsecutive days so that the within-individual variance component and between day correlation is likely to be

diminished. The third change in data collection methods that facilitates completion of the objective of this report is that previous surveys included all members of a household in the survey. The 1994–1996 and 1998 survey includes a subsample of household members with sampling rates varying to achieve more responses from children and the elderly.

Another important feature of the 1994–1996 and 1998 CSFII that supports per capita estimation of water ingestion is the questionnaire design. The questionnaire collects data on a household's source of drinking water and water used for the preparation of foods and beverages. It also allows a respondent to indicate if water was ingested at home or away from home. This information directly supports the assignment of water source for both direct and indirect water intake. The 1994–1996 CSFII Technical Support Files supported the estimation of the amount of water ingested through food. This enhances the estimation of indirect water ingestion and partitions it from water directly ingested as a beverage.

The limitations of the CSFII survey for supporting per capita ingestion estimates involve the length of time data were collected, the influence of extreme values on estimates, and the availability of information to support variance estimation. The CSFII survey collects two nonconsecutive days of data. Because daily averages are estimated from each respondent from only 2 days, the precision of an individual's daily average consumption is diminished. Also, the limited time period of dietary intake collection does not produce usual intake estimates. Usual intakes are defined as "the long run average of daily intakes of a dietary component by an individual" [see Nusser et al. (1996)]. Rather, the estimates presented in this report characterize the empirical distribution of daily average per capita ingestion. Because the data from the CSFII are not usual intakes and some consumers report no direct and minimal amounts of indirect water ingestion, while other consumers report over 2 L of ingestion, the empirical distribution of daily average per capita ingestion can be skewed.

Another limitation of the 1994–1996 CSFII is a function of the way that survey data are reported. Data from two variance estimation units are required to generate an estimate of the variance within a variance estimation stratum (see Appendix D for a discussion of the CSFII sample design). These variances are then summed across strata to generate a variance estimate for the subpopulation. For many of the subpopulations evaluated in this report, numerous strata did not have information for two variance estimation units. Because there is insufficient information in the naming convention, combining data across like strata was not possible. Therefore, the survey did not support variance estimation for many of the smaller reported subpopulations. Because of this, differences between means for these subpopulations cannot be formally tested and interval estimates about the mean and upper percentiles cannot be supplied. Interval estimates for the mean and upper percentiles can be calculated for the larger subpopulations. Also, certain variables, such as region, are at a summary level. USDA has named the States within a region. Estimates by State, however, are not trackable because USDA data do not contain a variable identifying States. For this reason, water ingestion estimates by State are not possible.

Statistically significant differences can be found by comparing the confidence intervals between two independent groups. If the confidence intervals for the two groups do not overlap, then the estimates for these groups are statistically significant at α=0.10 level (Type I error equals 10 percent) since 90 percent confidence intervals are reported. For example, children 1 to 10 years old (90 percent confidence interval about the mean is 378 to 412 mL/person/day) ingest significantly less community water than children 11 to 19 years old (90 percent confidence interval about the mean is 634 to 733 mL/person/day) (see Table 4.1.B1).

A final limitation is that the survey does not support water ingestion estimates for small

subpopulations with different lifestyles, occupations, or activities. Examples of such subpopulations include:

- People with traditional life styles (such as Native Americans and recent immigrants).
- People who live in hot climate areas.
- People who consume large amounts of water because of physical activity.
- People with health conditions that affect water ingestion, such as diabetes, kidney disease, conditions requiring rapid rehydration needs (GI upsets, food poisoning), and disorders of water and sodium metabolism.

While individuals from these specific subpopulations are included in the survey and U.S. population estimates, they were not targeted during survey design and thus do not occur in high enough frequencies to support estimate generation.

8.2 Sources of Error, Bias, and Uncertainty

All survey data contain errors despite the diligence of the design statistician, data collectors and respondents. These errors may ultimately lead to bias and uncertainty in the estimates calculated from the data. Some errors are quantifiable, while others are not. Random error occurs in all measurement processes. To quantify error and bias, we must know the true population values. In reality, these are not known. In general, the estimation process assumes that the true population value is known and the error is random or may be partitioned to assess components of the variance. In complex surveys, these assumptions may be violated.

In general, there are three sources of error in a survey. Two of these sources involve the survey design and data collection. The third source of error is introduced during the use of the data. The following paragraphs discuss these sources of error specific to the 1994–1996 and 1998 USDA's CSFII survey and its use to generate the estimates presented in this report.

The first source of error is attributed to the survey design. All designs are constructed to minimize the coefficient of variation with respect to a given parameter. For the 1994–1996 and 1998 CSFII, the goal was to minimize the variance of the mean Day 1 saturated fat and iron intakes. In this report, we address water ingestion. Thus, the design has not been specifically structured to minimize the coefficient of variation with respect to water ingestion. Another design error is attributed to nonresponse and how well the sample frame represents the population to be studied. The CSFII adjusts for these through its sample weights. The method USDA used to derive survey sample weights is discussed in Chapter 2 of this report. For the combined 4-year sample, the USDA estimates the variance inflation factor (VIF) for 2-day respondents to be 2.50. The VIF is the anticipated proportional increase in the variance of survey estimates resulting from the variation in weights and indicates that the VIF measures "the broadly calculated average design effect" (CSFII survey documentation, p. 5–3 through 5–6).

The second source of error is measurement error. For the CSFII, this error presents itself in the records of foods and beverages ingested by the participant. Measurement error in this case is comprised of the amount of a food or beverage consumption reported and the completeness of the reported consumption record. It is generally anticipated that food and beverage intakes are under–reported (Swan, 1983).

The third source of error is introduced when data are used. The first incidence of this occurring is

in the data coding and database building by the USDA. Other sources occur during applications of data conventions, such as the recipe fields. As indicated in Chapter 3 of this report, assumptions were made about sources of water and about which foods were prepared at home or by a food service establishment.

8.3 Conclusion

The purpose of this study is to provide current estimates of per capita water ingestion in the United States. Results are presented for the general U.S. population and for certain subpopulations (gender and age categories, pregnant and lactating women). The data on water ingestion were obtained from the U.S. Department of Agriculture's 1994–1996 and 1998 CSFII. The estimates report mean and percentiles from empirical distributions for both direct (plain water ingested as a beverage) and indirect water (water added to food and beverages during preparation). Commercial and natural water in the food and beverages are not included in the analysis.

Two liters per person per day has been used as the default value for water ingestion by EPA, other Federal agencies, and the WHO. This value is supported by the National Cancer Institute's report (Ershow and Cantor, 1989) based on 1977–1978 survey data. The 2 L included the sum of direct and indirect tap water ingestion and was the 88th percentile for the United States "consumers only" population when excluding pregnant and lactating women and breastfed children.

This analysis, based on 1994–1996 and 1998 CSFII data, found that, for "consumers only," an estimated 90 percent of the "consumers only" population of the United States ingests 2 L/day or less of community water. This analysis also found that approximately 84 percent of the "consumers only" population ingests 2 L/day or less of total water (water from all sources) (see Figure 4.2.F).

For babies younger than 1 year of age who ingested community water during the 2 survey days ("consumers only"), this analysis showed that an estimated 90 percent ingested less than or equal to 1 L/day of community water. This is true for all evaluated age categories of children younger than 11. For babies who ingested water from any source during the 2 survey days, this analysis showed that an estimated 90 percent (but less than 95 percent) ingested less than or equal to 1 L/day of total water. For all age categories younger than 11 years, 90 percent ingest less than or equal to 1.1 L/day of total water.

When considering water ingestion in units of milliliters per kilogram of body weight per day, this analysis shows that the mean per capita ingestion rates for babies younger than one year are estimated to be three to four times higher than the mean rates for the population as a whole.

Our results show that pregnant women do not differ significantly in their water intake compared with nonpregnant and nonlactating women of childbearing age (age 15–44). However, lactating women ingest significantly more water than pregnant women and nonpregnant and nonlactating women of childbearing age. These conclusions are a result of comparing the confidence intervals among the three groups of women.

The mean community water ingested by males is significantly higher than that ingested by females in all age categories except for those children younger than 11 years old—both "consumers only" and all individuals. This is also true for total water ingested by all individuals and "consumers only" aged 11 and younger. The highest mean per capita ingestion is found in males in the 20 years and older age group.

A comparison of ingestion by various sources, indicates that community water comprises 75 percent of the total water ingested by individuals in the U.S. population, followed by bottled water which constitutes 13 percent of total water ingested while 12 percent is attributable to water from other sources.

The default body weights used in many risk assessments are 70 kg for the general population and 10 kg for children 2 years of age and younger. Section 7 of this report records the mean body weight estimate from the 1994–1996 and 1998 CSFII as 65 kg. This mean body weight for the U.S. population is lower than the default value by 7 percent. The average weight for females is 59 kg, while males, on average, weigh 70 kg. The estimated mean body weight for children younger than 2 years of age is 10 kg, which is in keeping with the default value.

The results presented may be used in risk assessment analyses where exposures that occur through ingestion of water are of concern. The ingestion estimates presented provide the basis for evaluation of the proportion of the population that may be affected under various exposure scenarios.

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Appendix A
CSFII Survey Questions Pertaining to Water Ingestion

Chapter 3 of this report defines the data conventions applied to assign source and amount of water ingested by the respondent. These conventions are predicated on participant responses to survey questions. This appendix lists the questions used to assign source classifications, record the amount of water ingested by a participant, and identify food sources. These questions were extracted from the USDA's 1994–96 and 1998 CSFII survey instrument, "WHAT WE EAT IN AMERICA."

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APPENDIX A
CSFII Survey Questions Pertaining to Water Ingestion

Record Type 15: Households.

Name	Position	W	T	
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
H2O_COOK	103-104	2	N	H18. What is the main source of the water used for cooking in your home? Applies to all records. 1 = Community water supply 2 = Well or rain cistern (household's) 3 = Spring (household's or public) 4 = Bottled water (purchased) 96 = Other 98 = Don't know 99 = Not ascertained
H2O_BEVR	105-106	2	N	H19. What is the main source of the water used in your home for preparing beverages such as coffee, tea, juices, and baby formula? Applies to all records. 1 = Community water supply 2 = Well or rain cistern (household's) 3 = Spring (household's or public) 4 = Bottled water (purchased)

96 = Other
98 = Don't know
99 = Not ascertained

H2O_DRNK	107-108	2	N	H20. What is the main source of plain drinking water in your home? Applies to all records. 1 = Community water supply 2 = Well or rain cistern (household's) 3 = Spring (household's or public) 4 = Bottled water (purchased) 96 = Other 98 = Don't know 99 = Not ascertained

Record Type 25: Sample Persons.

Name	Position	W	T	
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
SPNUM	8-9	2	N	Sample person (SP) number. Applies to all records. 1 - 23 = SP number

Now I'd like you to think about all of the plain drinking water that (you/NAME) had yesterday, regardless of where (you/he/she) drank it. By plain drinking water I mean tap water or any bottled water that is not carbonated, with nothing added to it, not even lemon.

D1_H2O_O	136-138	3	N	DA15. How many fluid ounces of plain drinking water did you drink yesterday - day 1? Applies to all records. * 0 = None 1 - 995 = Fluid ounces 998 = Don't know 999 = Not ascertained * Skip D1_H2O_H - D1_H2O_A
D1_H2O_H	139	1	N	DA16. How much of this plain drinking water came from your home? Would you say all, most, some, or none - day 1? Applies if: D1_H2O_O > 0 * 1 = All 2 = Most 3 = Some 4 = None 8 = Don't know 9 = Not ascertained * Skip D1_H2O_A
D1_H2O_A	140	1	N	DA17. What was the main source of plain drinking water that did not come from your home? Was it tap water, water from a drinking fountain, bottled water, or something else - day 1? Applies if: D1_H2O_H > 1 1 = Tap water / drinking fountain 2 = Bottled water 6 = Other 8 = Don't know

9 = Not ascertained
Blank = Not applicable

Now I'd like you to think about all of the plain drinking water that (you/NAME) had yesterday, regardless of where (you/he/she) drank it. By plain drinking water I mean tap water or any bottled water that is not carbonated, with nothing added to it, not even lemon.

D2_H2O_O 159-161 3 N DB13. How many fluid ounces of plain drinking water did you drink yesterday - day 2?

Applies if: COMP_D2 = 1

* 0 = None
1 - 995 = Fluid ounces
998 = Don't know
999 = Not ascertained
Blank = Not applicable

* Skip D2_H2O_H - D2_H2O_A

D2_H2O_H 162 1 N DB14. How much of this plain drinking water came from your home? Would you say all, most some, or none - day 2?

Applies if: D2_H2O_O > 0

* 1 = All
2 = Most
3 = Some
4 = None
8 = Don't know
9 = Not ascertained
Blank = Not applicable

* Skip D2_H2O_A

D2_H2O_A 163 1 N DB15. What was the main source of plain

drinking water that did not come from your home? Was it tap water, water from a drinking fountain, bottled water, or something else - day 2?

Applies if: D2_H2O_H > 1

1 = Tap water / drinking fountain
2 = Bottled water
6 = Other
8 = Don't know
9 = Not ascertained
Blank = Not applicable

Record Type 30: Food Items.

Name	Position	W	T	
HHID	3-7	5	N	Household identification number. Applies to all records. 10001 - 52999 = HHID
SPNUM	8-9	2	N	Sample person (SP) number. Applies to all records. 1 - 23 = SP number
DAYCODE	64	1	N	Day 1 / day 2 indicator. Applies to all records. 1 = Day 1 2 = Day 2

FOODCODE	67-74	8	N	Food code. See File 4, “Food Codes and Abbreviated Descriptions” (Chapter 11 on the CD-ROM). Complete documentation of the Food Coding Data Base, nutrient Data Base, and other supporting files used in processing the CSFII 1994 is available in a directory on the CD-ROM [CD-ROM drive]:\TSF1994. For more information see the README.TXT file in the root directory of the CD-ROM. Applies to all records. * 11000000 = Human milk 11100000 - 99999999 = Food code * Skip FOODAMT.
MODCODE	75-80	6	N	Recipe modification code. Indicates predefined survey recipe was modified to capture some specific information provided by the respondent. See Section 2.3, “Data Processing.” Modified recipes are found in a directory on the CD-ROM [CD-ROM drive]:\TSF1994. For more information see the README.TXT file in the root directory of this CD-ROM. Applies to all records. 0 = No modification 100000 - 999999 = Modification code
FOODAMT	81-88	8	N2	Amount of food in grams. Note: there is a non-zero amount for all foods except human milk (FOODCODE = 11000000). Applies if: FOODCODE > 11000000

0.01 - 99999.99 = Amount in grams
Blank = Not applicable

FOODSRCE 100-101 2 N I7. Where was the food item obtained?

Applies to all records.

1 = Store
2 = Restaurant with table service
3 = Fast food place, pizza place
4 = Bar, tavern, lounge
5 = School cafeteria
6 = Other cafeteria
7 = Vending machine
8 = Child care center, family day care home, adult day care
9 = Soup kitchen, shelter, food pantry
10 = Meals on Wheels
11 = Other community food program
12 = Grown or caught by you or someone you know
13 = Someone else / gift
14 = Mail order purchase
15 = Common coffee pot or snack tray
16 = Residential dining facility
* 20 = Not applicable, breast-feeding
71 = Fish or seafood caught by you or someone you know and coming from: freshwater lake, pond, or river
72 = Fish or seafood caught by you or someone you know and coming from: ocean
73 = Fish or seafood caught by you or someone you know and coming from: bay, sound, or estuary
74 = Fish or seafood caught by you or someone you know and coming

from: don’t know body of water

96 = Other

98 = Don’t know

99 = Not ascertained

* Skip EATHOME - EVERHOME.

Appendix B

Examples of Procedures Used in the Estimation of Indirect Water Ingestion

This appendix is comprised of three subsections. Appendix B1 provides examples of estimating the proportion of indirect water in 100 grams of a food code. USDA–supplied examples for estimating the amount of preparation water in foods appear in Appendix B2. Finally, Appendix B3 presents USDA guidance and examples for calculation of p% and GUi.

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APPENDIX B1
Examples for Estimating the Proportion of Indirect Water in 100 Grams of a Food

Definitions:

Food code	=	An 8 digit number assigned to each unique food in the Food Coding Database.
Mod number	=	Identifies a specific recipe modification.
Food code description	=	Food descriptions provided to each unique food in the Food Coding Database.
M%	=	Moisture change during cooking.
F%	=	Fat change during cooking.
Ingredient code	=	A 5 digit number assigned to recipe ingredients.
Ingredient description	=	Ingredient description provided in the USDA Recipe Database files, RECING.TXT and MODING.TXT.
Grams	=	Amount (grams) of recipe ingredients based on recipes defined by USDA.
P%	=	Ingredient amount as a percent of the prepared product. Calculated using method provided in Appendix B3, "USDA Guidance and Examples for the Calculation of P% and GUi."
G_am	=	Grams absorbed moisture per 100 grams cooked ingredient. Applies to pre–cooked pasta, rice, and cereals. Calculated using the “total solids” method provided by USDA in Appendix B2 "Examples for Estimating Preparation Water."
P_m	=	Proportion of moisture in 100 grams of food as ingested. Obtained from the USDA WTR_FC file when available. Otherwise calculated by EPA contractor, SAIC, using the formula: $P_m = (P\%)(G_am/100)$
A_h	=	Assumed percent of ingredient that is home/restaurant prepared.
G_i	=	Proportion of indirect preparation water per 100 grams of food. Calculated by EPA contractor, SAIC, using the formula: $G_i = (P_m)(A_h/100)$

Examples in which the P_m is calculated by USDA.

1. Food code with recipe water ingredient.

Food code: 92530910, modification code: 100424, Lemonade with vitamin C added made from frozen concentrate w/ 4 cans of water.
M%= 0.0 F%= 0.0

Ingredient code	Ingredient name	Grams	P%	G_am	P_m	A_h	G_i
14292	Lemonade, frz, conc, white	438					
14429 *	Water, municipal	1,422			0.7645	100%	0.7645
	Total	1,860					0.7645

* Ingredient contains preparation water.

2. Food code with pre–cooked pasta ingredient

Food code: 56101010. Mod code: 0. Macaroni, cooked, fat not added in cooking.

Ingredient code	Ingredient name	Grams	P%	G_am	P_m	A_h	G_i
20100 *	Macaroni, ckd, enr	100.00			0.6161	100%	0.6161
02047	Salt, table	0.60					
	Total						0.6161

* Contains preparation water.

Examples in which P_m is calculated by EPA contractor, SAIC:

3. Food code with pre–cooked rice ingredient.

Food code: 58156410. Modcode: 0. Rice with onions, Puerto Rican Style. M%=31.2 F5=0.0

Ingredient code	Ingredient name	Grams	P%	G_am	P_m	A_h	G_i
04610	Margarine	56.70	0.1014				
11282	Onions, raw	70.00	0.0848				
11264	Mushrooms, cnd, drained	98.63	0.1184				
20045 *	Rice, white, long, reg, ckd, enr	237.00	0.3265	64.2906	.2099	100%	.2099
06045	Soup, onion, cond, comm	298.00	0.3688				
	Total		1.0000				.2099

* Contains preparation water.

4. Food code with pre–cooked legume ingredient.

Food code: 41106010. Modcode: 0. Red kidney beans, dry, cooked, fat added in cooking. M%=0.0 F%=0.0

Ingredient code	Ingredient name	Grams	P%	G_am	P_m	A_h	G_i
16033 *	Beans, kidney, red, mature, bld	92.00	0.9154	62.5382	0.5725	50%	.2862
10165	Pork, cured, salt, raw	8.00	0.0796				
02047	Salt, table	0.50	0.0050				
	Total		1.0000				.2862

* Contains preparation water.

5. Food code with two recipe ingredients that contain preparation water.

Food code: 58160110. Modcode: 0. Rice with beans. M%=0.0 F%=0.0.

Ingredient code	Ingredient name	Grams	P%	G_am	P_m	A_h	G_i
20045 *	Rice, white, long, reg, ckd, enr	158.00	0.4497	64.2906	0.2835	100%	.2835
16050 *	Beans, white, mature, bld	179.00	0.4996	58.3672	0.2916	100%	.2916
02047	Salt, table	2.40	0.0067				
04610	Margarine, reg, stick, comp	18.92	0.0528				
	Total		1.0000				.5751

* Contains preparation water.

6. Food code with brewed tea ingredient.

Food code: 92302200. Modcode: 0. Tea, leaf, pre–sweetened with sugar. M%=0.0. F%=0.0.

Ingredient code	Ingredient name	Grams	P%	G_am	P_m	A_h	G_i
14355 *	Tea, brewed	236.80	0.9499	.	0.9499	100%	0.9499
19335	Sugars, granulated	12.50	0.0501				
	Total		1.0000				0.9499

* Contains preparation water.

APPENDIX B2
Examples for Estimating Preparation Water

Examples illustrating how preparation water can be estimated per 100 grams of cooked pasta, rice, legumes (dried beans and peas), and cereal grains such as bulgur, oatmeal, farina.

Estimates based on the total solids approach:

Total solids = 100 – moisture
Source for moisture value:
CSFII 1994–96 Survey Nutrient Database, Nutrient code 255
Basic algorithms:
[TS/100g cooked x 100] / TS/100g dry = gm dry ingr/100g ckd
100g cooked – gm dry ing/100g ckd = gm prep water/100g ckd

Example 1: Cooked rice, white, long-grain, regular

	PDS code	Moisture	Total Solids
cooked rice	20045	68.44	31.56
dry rice	20044	11.62	88.38

[31.56 x 100] / 88.38 = 35.709 gm dry ingred/100g cooked
If 100 grams dry rice has 88.38 grams total solids, 35.709 grams dry rice would provide 31.56 grams total solids, the same as in 100 grams cooked rice.

100 – 35.709 = 64.291 gm prep water/100g cooked
Since 100 grams cooked rice has 35.709 grams dry rice, the remainder is assumed to be water absorbed during preparation.

Example 2: Cooked (egg) noodles

	PDS code	Moisture	Total Solids
cooked noodle	20110	68.70	31.30
dry noodle	20109	9.67	90.33

[31.30 x 100]/90.33 = 34.651 gm dry ingred /100g cooked
100 – 34.651 = 65.349 gm prep water /100g cooked

Notes:
Minor adjustments could be made to estimates of preparation water when rice, pasta, legumes, cooked cereal grains, etc. contain salt; however, the change is probably less than one percent.

The cooking yields for rice, pasta, dry beans, etc can be quite variable. For example, rice yields range between 243 to 375 (mean is 308).

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APPENDIX B3
USDA Guidance and Examples for the Calculation of P% and GUi

Example 1: No moisture or fat change

Follow the steps/calculations below to calculate the amount of each ingredient required to prepare 100 grams of the food (GUi), and the amount of each ingredient as a proportion of the prepared food within each individual recipe.

	Recipe Yield	Moist. Change	Fat Change	Fat Code
	(Ryld)	(M_chg)	(F_chg)	(F_Code)
11513100 Cocoa and sugar mixture, whole milk	100.00	0.0	0.0	0

Recipe Code	Ingredient Code	Ingredient description	Retn code	(1) Recipe ingred amount	(2) Ingred amount in 100 gms of recipe	(3) Amount of moist. in 100 gms ingred	(4) Amount of ingred moist. in 100 gms of recipe	(5) Ingred moist. as percent of recipe total	(6) Amount of moist. lost per ingred	(7) Ingred amount in 100 gms of recipe adjusted for loss	(8) Ingred amount as percent of prepared product	(9) Ingred amount needed to prepare 100 gms of product
				(Gmi)	(Gmi_100)	(M_100)	(Mi)	(Mi%)	(Mi–)	(Pgmi)	(P%)	(GUi)
11513100	1077	Milk, whl, 3.3% fat	0	244.000	91.7293	87.990	80.7126	0.99908	0.0000	91.7293	0.91729	91.729
11513100	14175	Choc flav bev mix	0	22.000	8.2707	0.900	0.0744	0.00092	0.0000	8.2707	0.08271	8.271
			Recipe totals:	266.00	100.000		80.7871	1.00000	0.0000	100.000	1.00000	

Steps/Calculations:

(1) Gmi = Values are from the 1994–96 CSFII Recipe Database
(2) Gmi_100 = (Gmi/sum(Gmi)) * 100
(3) Mi_100 = Values are obtained from the 1994–96 CSFII Nutrient Database
(4) Mi = Gmi_100 * (M_100/100)
(5) Mi% = Mi/sum(Mi)
(6) Mi– = Mi% * M_chg
(7) Pgmi = Gmi_100 + (Mi–)
(8) P% = Pgmi/sum(Pgmi)
(9) Gui = (Gmi_100/Ryld) * 100

Example 2: A moisture loss and no fat change

Follow the steps/calculations below to calculate the amount of each ingredient required to prepare 100 grams of the food (GUi), and the amount of each ingredient as a proportion of the prepared food within each individual recipe.

	Recipe Yield	Moist. Change	Fat Change	Fat Code
	(Ryld)	(M_chg)	(F_chg)	(F_Code)
11512500 Spanish–style hot chocolate drink	87.00	–13.0	0.0	0

Recipe Code	Ingredient Code	Ingredient description	Retn code	(1) Recipe ingred amount	(2) Ingred amount in 100 gms of recipe	(3) Amount of moist. in 100 gm ingred	(4) Amount of ingred moist. in 100 gms of recipe	(5) Ingred moist. as percent of recipe total	(6) Amount of moist. lost per ingred	(7) Ingred amount in 100 gms of recipe adjusted for loss	(8) Ingred amount as percent of prepared product	(9) Ingred amount needed to prepare 100 gms of product
				(Gmi)	(Gmi_100)	(M_100)	(Mi)	(Mi%)	(Mi–)	(Pgmi)	(P%)	(GUi)
11512500	1096	Milk, cnd, evap, whl	2151	756.000	47.8273	74.040	35.4113	0.44053	–5.7268	42.1005	0.48391	54.974
11512500	2010	Cinnamon, ground	0	0.287	0.0182	9.520	0.0017	0.00002	–0.0003	0.0179	0.00021	0.021
11512500	14429	Water, municipal	0	711.000	44.9804	99.900	44.9355	0.55901	–7.2671	37.7133	0.43349	51.702
11512500	19081	Candies, swt choc	0	113.400	7.1741	0.500	0.0359	0.00045	–0.0058	7.1683	0.08239	8.246
			Recipe totals:	1580.69	100.0000		80.3844	1.00000	–13.000	87.0000	1.00000	

Steps/Calculations:

(1) Gmi = Values are from the 1994–96 CSFII Recipe Database
(2) Gmi_100 = (Gmi/sum(Gmi)) * 100
(3) Mi_100 = Values are obtained from the 1994–96 CSFII Nutrient Database
(4) Mi = Gmi_100 * (M_100/100)
(5) Mi% = Mi/sum(Mi)
(6) Mi– = Mi% * M_chg
(7) Pgmi = Gmi_100 + (Mi–)
(8) P% = Pgmi/sum(Pgmi)
(9) Gui = (Gmi_100/Ryld) * 100

Example 3: A moisture loss and a fat gain

Follow the steps/calculations below to calculate the amount of each ingredient required to prepare 100 grams of the food (GUi), and the amount of each ingredient as a proportion of the prepared food within each individual recipe.

	Recipe Yield	Moist. Change	Fat Change	Fat Code
	(Ryld)	(M_chg)	(F_chg)	(F_Code)
56201520 Cornmeal mush, fried	36.00	–65.1	1.1	4615

Recipe Code	Ingredient Code	Ingredient description	Retn code	(1) Recipe ingred amount	(2) Ingred amount in 100 gms of recipe	(3) Amount of moist. in 100 gms ingred	(4) Amount of ingred moist. in 100 gms of recipe	(5) Ingred moist. as percent of recipe total	(6) Amount of moist. lost per ingred	(7) Ingred amount in 100 gms of recipe adjusted for loss	(8) Ingred amount as percent of prepared product	(9) Ingred amount needed to prepare 100 gms of product
				(Gmi)	(Gmi_100)	(M_100)	(Mi)	(Mi%)	(Mi–)	(Pgmi)	(P%)	(GUi)
56201520	2047	Salt, table	0	3.000	0.2755	0.200	0.0006	0.00001	–0.0004	0.2751	0.00764	0.765
56201520	4615	fat_added	0	—	1.1000	0.000	0.0000	0.00000	0.0000	1.1000	0.03056	3.056
56201520	14429	Water, municipal	0	948.000	87.0523	99.900	86.9653	0.98339	–64.0184	23.0339	0.63983	241.812
56201520	20022	Cornmeal, degermed, enr, yel	305	138.000	12.6722	11.590	1.4687	0.01661	–1.0812	11.5910	0.32197	35.200
			Recipe totals:	1089.00	101.1000		88.4345	1.00000	–65.1000	36.0000	1.00000	

Steps/Calculations:

(1) Gmi = Values are from the 1994–96 CSFII Recipe Database
(2) Gmi_100 = (Gmi/sum(Gmi)) * 100
(3) Mi_100 = Values are obtained from the 1994–96 CSFII Nutrient Database
(4) Mi = Gmi_100 * (M_100/100)
(5) Mi% = Mi/sum(Mi)
(6) Mi– = Mi% * M_chg
(7) Pgmi = Gmi_100 + (Mi–)
(8) P% = Pgmi/sum(Pgmi)
(9) Gui = (Gmi_100/Ryld) * 100

Example 4: No moisture or fat change but an ingredient with a moisture loss

This situation requires calculating P% and GUi amounts for ingredients of ingredients in a foodcode recipe using a two stage process:

Stage I. Calculate the amount of each ingredient required to prepare 100 grams of the food (GUi) and the amount of each ingredient as a proportion of the prepared food within each individual recipe. [Comparable to examples 1+2]

Stage II. Where an ingredient has a recipe (e.g., the ingredient 53114200 in the recipe 53114150), merge it's ingredient information with the foodcode recipe ingredient information and calculate compound ingredient P% and Gui amounts.

Stage I.

		Recipe Yield	Moist. Change	Fat Change	Fat Code
		(Ryld)	(M_chg)	(F_chg)	(F_Code)
Foodcode Recipe:	53114150 Cake, lemon, lowfat, NS as to icing	100.0	0.0	0.0	0
Ingredient Recipe:	53114200 Cake, lemon, lowfat, without icing	80.00	–20.0	0.0	0
Ingredient Recipe:	91305020 Icing, white	100.00	0.0	0.0	0

Recipe Code	Ingredient Code	Ingredient description	Retn code	(1) Recipe ingred amount (Gmi)	(2) Ingred amount in 100 gms of recipe (Gmi_100)	(3) Amount of moist. in 100 gms ingred (M_100)	(4) Amount of ingred moist. in 100 gms of recipe (Mi)	(5) Ingred moist. as percent of recipe total (Mi%)	(6) Amount of moist. lost per ingred (Mi–)	(7) Ingred amount in 100 gms of recipe adjusted for loss (Pgmi)	(8) Ingred amount as percent of prepared product (P%)	(9) Ingred amount needed to prepare 100 gms of product (GUi)
53114150	53114200	Cake, lemon, lowfat, w/o icing	0	786.000	62.9808	29.617	18.6530	0.85379	0.0000	62.9808	0.62981	62.981
53114150	91305020	Icing, white	0	462.000	37.0192	8.629	3.1944	0.14621	0.0000	37.0192	0.37019	37.019
			Recipe Totals:	1248.00	100.0000		21.8474	1.00000	0.0000	100.0000	1.00000	
53114200	1123	Eggs, chick, whl, raw/frz	101	100.000	10.8217	75.330	8.1520	0.18657	–3.7314	7.0903	0.08863	13.527
53114200	14429	Water, municipal	0	308.100	33.3416	99.900	33.3083	0.76231	–15.2463	18.0954	0.22619	41.677
53114200	18142	Cake, yel, dry mix, pudd–type	301	515.970	55.8367	4.000	2.2335	0.05112	–1.0223	54.8144	0.68518	69.796
			Recipe Totals:	924.07	100.0000		43.6937	1.00000	–20.0000	80.0000	1.00000	
91305020	2047	Salt, table	0	1.500	0.2619	0.200	0.0005	0.00006	0.0000	0.2619	0.00262	0.262
91305020	2050	Vanilla extract	0	4.333	0.7566	52.580	0.3978	0.04610	0.0000	0.7566	0.00757	0.757
91305020	4610	Margarine, reg, stick, comp, 80% fat	0	75.125	13.1181	15.700	2.0595	0.23869	0.0000	13.1181	0.13118	13.118
91305020	19336	Sugars, pdr	0	453.600	79.2061	0.300	0.2376	0.02754	0.0000	79.2061	0.79206	79.206
91305020	11100000	Milk, nfs	0	38.125	6.6573	89.121	5.9330	0.68761	0.0000	6.6573	0.06657	6.657
91305020			Recipe Totals:	572.68	100.0000		8.6285	1.00000	0.0000	100.0000	1.00000	

Steps/Calculations:

(1) Gmi = Values are from the 1994–96 CSFII Recipe Database

(2) Gmi_100 = (Gmi/sum(Gmi)) * 100

(3) Mi_100 = Values are obtained from the 1994–96 CSFII Nutrient Database

(4) Mi = Gmi_100 * (M_100 / 100)

(5) Mi% = Mi/sum(Mi)
(6) Mi– = Mi% * M_chg
(7) Pgmi = Gmi_100 + (Mi–)
(8) P% = Pgmi/sum(Pgmi)
(9) Gui = (Gmi_100/Ryld) * 100

Stage II.

Foodcode recipe information						Ingredient recipe information in 100 grams of ingredient					(1)	(2)
Recipe code	**Rec yld**	**Ingred. Code**	**Ingred Gmi_100**	**Ingred. P%**	**Ingred. GUi**	**Rec yld**	**Ingred. Code**	**Ingred Gmi_100**	**Ingred. P%**	**Ingred. GUi**	**Compound P%**	**Compound GUi**
	(Ryld)		**(Gmi_100)**	**(P%)**	**(GUi)**	**(I_Ryld)**		**(I_Gmi_100)**	**(I_P%)**	**(I_GUi)**	**(C_P%)**	**(C_GUi)**
53114150	100.0	53114200	62.9808	0.62981	62.981	80.0	1123	10.8217	0.08863	13.527	0.05582	8.519
							14429	33.3416	0.22619	41.677	0.14246	26.249
							18142	55.8367	0.68518	69.796	0.43153	43.958
										Ingredient recipe subtotals:	0.62981	78.726
		91305020	37.0192	0.37019	37.019	100.0	2047	0.2619	0.00262	0.262	0.00097	0.097
							2050	0.7566	0.00757	0.757	0.00280	0.280
							4610	13.1181	0.13118	13.118	0.04856	4.856
							19336	79.2061	0.79206	79.206	0.29321	29.322
							11100000	6.6573	0.06657	6.657	0.02465	2.464
										Ingredient recipe subtotals:	0.37019	37.019
										Foodcode recipe totals:	1.00000	115.745

Steps/Calculations: (1) C_P% = P% * I_P%
(2) C_GUi = ((Gmi_100/Ryld) * (I_Gmi_100/I_Rydl) * 100

Example 5: A moisture loss and an ingredient with a moisture loss

This situation requires calculating nested ingredient amounts in a two stage process:

Stage I. Calculate the amount of each ingredient required to prepare 100 grams of the food (GUi) and the amount of each ingredient as a proportion of the prepared food within each individual recipe. [Comparable to example 2]

Stage II. Where an ingredient has a recipe (e.g., the ingredient 53116000 in the recipe 13210160), merge it's ingredient information with the foodcode recipe ingredient information and calculate compound ingredient P% and GUi amounts.

Stage I.

		Recipe Yield (Ryld)	Moist. Change (M_chg)	Fat Change (F_chg)	Fat Code (F_Code)
Foodcode Recipe:	13210160 Diplomat pudding, Puerto Rican sty	65.40	–34.6	0.0	0
Ingredient Recipe:	53116000 Cake, pound, without icing	88.00	–12.0	0.0	0

Recipe Code	Ingredient Code	Ingredient description	Retn code	(1) Recipe ingred amount (Gmi)	(2) Ingred amount in 100 gms of recipe (Gmi_100)	(3) Amount of moist. in 100 gms ingred (M_100)	(4) Amount of ingred moist. in 100 gms of recipe (Mi)	(5) Ingred moist. as percent of recipe total (Mi%)	(6) Amount of moist. lost per ingred (Mi–)	(7) Ingred amount in 100 gms of recipe adjusted for loss (Pgmi)	(8) Ingred amount as percent of prepared product (P%)	(9) Ingred amount needed to prepare 100 gms of product (GUi)
13210160	1077	Milk, whl, 3.3% fat	2152	488.000	30.8307	87.990	27.1279	0.45434	–15.7201	15.1107	0.23105	47.142
13210160	1123	Eggs, chick, whl, raw/frz	101	300.000	18.9533	75.330	14.2775	0.23912	–8.2735	10.6798	0.16330	28.981
13210160	2010	Cinnamon, ground	0	1.150	0.0727	9.520	0.0069	0.00012	–0.0040	0.0686	0.00105	0.111
13210160	2047	Salt, table	0	0.750	0.0474	0.200	0.0001	0.00000	–0.0001	0.0473	0.00072	0.072
13210160	9100	Fruit cocktail, cnd, hvy syrup	151	248.000	15.6681	80.400	12.5971	0.21098	–7.2998	8.3683	0.12796	23.957
13210160	9156	Lemon peel, raw	0	6.000	0.3791	81.600	0.3093	0.00518	–0.1792	0.1998	0.00306	0.580
13210160	14429	Water, municipal	0	4.937	0.3119	99.900	0.3116	0.00522	–0.1806	0.1313	0.00201	0.477
13210160	19335	Sugars, granulated	0	200.000	12.6355	0.000	0.0000	0.00000	0.0000	12.6355	0.19320	19.320
13210160	42222	Sweet liqueur, bkd 46–60 min	0	34.000	2.1480	46.200	0.9924	0.01662	–0.5751	1.5730	0.02405	3.284
13210160	53116000	Cake, pound, w/o icing	301	300.000	18.9533	21.558	4.0860	0.06843	–2.3677	16.5856	0.25360	28.981
			Recipe totals:	1582.84	100.000		59.7089	1.00000	–34..6000	65.4000	1.00000	
53116000	1123	Eggs, chick, whl, raw/frz	101	150.000	25.2838	75.330	19.0463	0.61497	–7.3796	17.9041	0.20346	28.732
53116000	2047	Salt, table	0	1.002	0.1689	0.200	0.0003	0.00001	–0.0001	0.1688	0.00192	0.192
53116000	4610	Margarine, reg, stick, comp, 80% fat	0	84.600	14.2600	15.700	2.2388	0.07229	–0.8675	13.3926	0.15219	16.205
53116000	14429	Water, municipal	0	0.617	0.1040	99.900	0.1039	0.00335	–0.0403	0.0637	0.00072	0.118
53116000	18369	Baking pdr, double–acting, NaAlSO4	0	2.875	0.4846	5.000	0.0242	0.00078	–0.0094	0.4752	0.00540	0.551
53116000	19335	Sugars, granulated	0	150.000	25.2838	0.000	0.0000	0.00000	0.0000	25.2838	0.28732	28.732
53116000	20084	Wheat flr, white, cake, enr	301	163.500	27.5593	12.510	3.4477	0.11132	–1.3358	26.2235	0.29799	31.317
53116000	11100000	Milk, nfs	2152	40.672	6.8556	89.121	6.1098	0.19727	–2.3673	4.4883	0.05100	7.790
			Recipe totals:	593.27	100.0000		30.9710	1.00000	–12.0000	88.0000	1.00000	

Steps/Calculations:

(1) Gmi = Values are from the 1994–96 CSFII Recipe Database

(2) Gmi_100 = (Gmi/sum(Gmi)) * 100

(3) Mi_100 = Values are obtained from the 1994–96 CSFII Nutrient Database

(4) Mi = Gmi_100 * (M_100/100)
(5) Mi% = Mi/sum(Mi)
(6) Mi– = Mi% * M_chg
(7) Pgmi = Gmi_100 + (Mi–)
(8) P% = Pgmi/sum(Pgmi)
(9) Gui = (Gmi_100/Ryld) * 100

Stage II.

Foodcode recipe information						Ingredient recipe information in 100 grams of ingredient					(1)	(2)
Recipe code	**Rec yld**	**Ingred. Code**	**Ingred Gm1_100**	**Ingred. P%**	**Ingred. GUi**	**Rec yld**	**Ingred. Code**	**Ingred Gm1_100**	**Ingred. P%**	**Ingred. GUi**	**Compound P%**	**Compound GUi**
	(Ryld)		**(Gmi_100)**	**(P%)**	**(GUi)**	**(I_Ryld)**		**(I_Gmi_100)**	**(I_P%)**	**(I_GUi)**	**(C_P%)**	**(C_GUi)**
13210160	65.4	1077	30.8307	0.23105	47.142						0.23105	47.142
		1123	18.9533	0.16330	28.981						0.16330	28.981
		2010	0.0727	0.00105	0.111						0.00105	0.111
		2047	0.0474	0.00072	0.072						0.00072	0.072
		9100	15.6681	0.12796	23.957						0.12796	23.957
		9156	0.3791	0.00306	0.580						0.00306	0.580
		14429	0.3119	0.00201	0.477						0.00201	0.477
		19335	12.6355	0.19320	19.320						0.19320	19.320
		42222	2.1480	0.02405	3.284						0.02405	3.284
										Subtotals:	0.74640	123.924
		53116000	18.9533	0.25360	28.981	88.0	1123	25.2838	0.20346	28.732	0.05160	8.327
							2047	0.1689	0.00192	0.192	0.00049	0.056
							4610	14.2600	0.15219	16.205	0.03860	4.696
							14429	0.1040	0.00072	0.118	0.00018	0.034
							18369	0.4846	0.00540	0.551	0.00137	0.160
							19335	25.2838	0.28732	28.732	0.07286	8.327
							20084	27.5593	0.29799	31.317	0.07557	9.076
							11100000	6.8556	0.05100	7.790	0.01293	2.258
										Ingredient recipe subtotals:	0.25360	32.934
										Foodcode recipe totals:	1.00000	156.858

Steps/Calculations: (1) C_P% = P% * I_P%
(2) C_GUi = ((Gmi_100/Ryld) * (I_Gmi_100/I_Rydl) _ * 100

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Appendix C
1994–1996 and 1998 CSFII Food Codes

Appendix C1 lists percent allocations of food codes to indirect (implying that water was added during final preparation at home or by food service establishments such as school cafeterias and restaurants) and commercial water. Note that three–digit food codes for groups of foods which are assumed to be commercial (e.g. 281, "frozen or shelf stable meals") are not included in this list. Also note that 8–digit food codes for commercial ready–to–serve products which are included under a 3–digit food code groups were assumed to have no indirect water (e.g., food code 26100250 "Fish stick, patty, or fillet, NS as to type, battered, fried," was assumed to be 100% commercial.)

All three–digit food codes from the CSFII appear in Appendix C2. Appendix C3 contains the proportion of indirect water per 100 grams of 1994-1996 CSFII food codes, and Appendix C3 lists the proportion of indirect water per 100 grams of ingested 1998 CSFII food codes.

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APPENDIX C1
Assumptions for the Assignment of Water Type for 3–digit Food Code Series in the USDA 1994–1996 and 1998 CSFII Recipe Database

Note: Food codes that appear to be commercial are removed from this listing.

		Indirect %	Commercial %
111	Milk, fluid (regular, filled, buttermilk, and dry reconstituted)	100	0
112	Milk, fluid, evaporated and condensed	100	0
115	Flavored milk and milk drinks, fluid	100	0
116	Milk-based meal replacements, fluid	100	0
117	Infant formulas, fluid, reconstituted concentrate, reconstituted dry, and ready-to-feed	100	0
132	Puddings, custards, and other milk desserts	100	0
147	Cheese soups	90	10
232	Veal	100	0
241	Chicken	100	0
243	Duck	100	0
261	Finfish	100	0
263	Shellfish	100	0
271	Meat, poultry, fish in gravy or sauce or creamed	100	0
272	Meat, poultry, fish with starch item (include white potatoes)	100	0
273	Meat, poultry, fish with starch item and vegetables	100	0
274	Meat, poultry, fish with vegetables (excluding white potatoes)	90	10
283	Soups, broths, extracts from meat, poultry, fish base	90	10
284	Gelatin and gelatin-based meal supplements	100	0
285	Gravies from meat, poultry, fish base	90	10
321	Egg dishes	100	0
323	Egg soups	90	10
331	Egg substitute, from powdered mixture	100	0
332	Egg substitute, from frozen mixture	100	0
333	Egg substitute, from liquid mixture	100	0
411	Dried beans	50	50
412	Dried beans mixtures	50	50
413	Dried peas, lentils, and mixtures	50	50
416	Soups with legumes as major ingredient	90	10
418	Meat substitutes, mainly vegetable protein	50	50
521	Biscuits	100	0
522	Cornbread, corn muffins, tortillas	50	50
523	Other muffins, popovers	50	50
524	Other quick breads	50	50
531	Cakes	90	10
532	Cookies	90	10
533	Pies	90	10
534	Cobblers, eclairs, turnovers, other pastries	90	10
535	Danish, breakfast pastries, doughnuts, granola bars	90	10
536	Coffee cake, not yeast	90	10
551	Pancakes	100	0
553	French toast	100	0
555	Flour-water patties	100	0
557	Rice flour cakes	100	0
561	Pastas	100	0
562	Cooked cereals, rice	100	0
581	Grain mixtures	100	0
584	Soups with grain product as major ingredient	90	10
612	Citrus fruit juices	100	0
634	Mixtures of fruits and nonfruit items	100	0

641	Fruit juices, excluding citrus	100	0
715	White potatoes, mashed, stuffed, puffs	100	0
717	Potato recipes	100	0
718	Potato soups	90	10
719	Puerto Rican starchy vegetables	100	0
722	Dark-green nonleafy vegetables	100	0
723	Dark-green vegetable soups	90	10
732	Pumpkin	100	0
735	Deep-yellow vegetable soups	90	10
744	Tomato sauces	100	0
745	Tomato mixtures	100	0
746	Tomato soups	90	10
753	Other vegetables mixtures, cooked	100	0
754	Other cooked vegetables, cooked with sauces, batters, casseroles	90	10
756	Vegetable soups	100	0
771	White potato with meat, poultry, fish (mixtures)	100	0
772	Puerto Rican starchy vegetable (viandas) mixtures	100	0
773	Other vegetable mixtures	100	0
775	Puerto Rican stews or soups with starchy vegetables (viandas)	100	0
813	Other fats	100	0
913	Syrups, honey, molasses, sweet toppings	100	0
915	Gelatin desserts or salads	100	0
921	Coffee	100	0
922	Coffee substitutes	100	0
923	Tea	100	0
926	Beverages, nonfruit	100	0
927	Beverages, noncarbonated, without vitamin C, made from powdered mixes	100	0
933	Cocktails	100	0

APPENDIX C2:
Listing of All 3-digit Food Codes in the USDA 1994-1996 and 1998 CSFII Recipe Database

11 MILKS AND MILK DRINKS

110 Milk, human
111 Milk, fluid (regular, filled, buttermilk, and dry reconstituted)
112 Milk, fluid, evaporated and condensed
113 Milk, fluid, imitation
114 Yogurt
115 Flavored milk and milk drinks, fluid
116 Milk-based meal replacements, fluid
117 Infant formulas, fluid, reconstituted concentrate, reconstituted dry, and ready-to-feed
118 Milk, dry, and powdered mixtures with dry milk, not reconstituted
119 Infant formulas, dry, not reconstituted

12 CREAMS AND CREAM SUBSTITUTES

121 Sweet dairy cream
122 Cream substitutes
123 Sour cream

13 MILK DESSERTS, SAUCES, GRAVIES

131 Milk desserts, frozen
132 Puddings, custards, and other milk desserts
133 Milk desserts baby food
134 White sauces and milk gravies

14 CHEESES

140 Cheese, NS as to type
141 Natural cheeses
142 Cottage cheeses
143 Cream cheeses
144 Processed cheeses and cheese spreads
145 Imitation cheeses
146 Cheese mixtures
147 Cheese soups

20 MEAT, NS AS TO TYPE

200 Meat, NS as to type

21 BEEF

210 Beef, NFS
211 Beef steak
213 Beef oxtails, neckbones, short ribs
214 Beef roasts, stew meat, corned beef, beef brisket, sandwich steaks
215 Ground beef, beef patties, beef meatballs
216 Other beef items (beef bacon, dried beef, pastrami)
217 Beef baby food

22 PORK

220 Pork, NFS; ground, dehydrated
221 Pork chops
222 Pork steaks, cutlets
223 Ham
224 Pork roasts
225 Canadian bacon
226 Bacon, salt pork
227 Other pork items (spareribs, cracklings, skin, miscellaneous parts)
228 Pork baby food

23 LAMB, VEAL, GAME, OTHER CARCASS MEAT

230 Lamb, NFS
231 Lamb and goat
232 Veal
233 Game
234 Lamb or veal baby food

24 POULTRY

241 Chicken
242 Turkey
243 Duck
244 Other poultry
247 Poultry baby food

25 ORGAN MEATS, SAUSAGES AND LUNCHMEATS, AND MEAT SPREADS

251 Organ meats and mixtures
252 Frankfurters, sausages, lunchmeats, meat spreads

26 FISH AND SHELLFISH

261 Finfish
262 Other seafood
263 Shellfish

27 MEAT, POULTRY, FISH WITH NONMEAT ITEMS

271 Meat, poultry, fish in gravy or sauce or creamed
272 Meat, poultry, fish with starch item (include white potatoes)
273 Meat, poultry, fish with starch item and vegetables
274 Meat, poultry, fish with vegetables (excluding white potatoes)
275 Sandwiches with meat, poultry, fish
276 Meat, poultry, fish with nonmeat items baby food

28 FROZEN PLATE MEALS, SOUPS, AND GRAVIES WITH MEAT, POULTRY, FISH BASE; GELATIN AND GELATIN-BASED DRINKS

281 Frozen plate meals with meat, poultry, fish as major ingredient
283 Soups, broths, extracts from meat, poultry, fish base
284 Gelatin and gelatin-based meal supplements
285 Gravies from meat, poultry, fish base

31 EGGS

311 Chicken eggs
312 Other poultry eggs

32 EGG MIXTURES

321 Egg dishes
322 Egg sandwiches
323 Egg soups
324 Meringues

33 EGG SUBSTITUTES

330 Egg substitute, NS as to form
331 Egg substitute, from powdered mixture
332 Egg substitute, from frozen mixture
333 Egg substitute, from liquid mixture

34 EGGS BABY FOOD

341 Eggs baby food

35 FROZEN PLATE MEALS WITH EGG AS MAJOR INGREDIENT

350 Frozen plate meals with egg as major ingredient

41 LEGUMES

411 Dried beans
412 Dried beans mixtures
413 Dried peas, lentils, and mixtures
414 Soybean derived products (excluding milks)
415 Frozen plate meals with legumes as major ingredient
416 Soups with legumes as major ingredient
417 Legumes baby food
418 Meat substitutes, mainly vegetable protein
419 Meat substitute sandwiches

42 NUTS, NUT BUTTERS, AND NUT MIXTURES

421 Nuts
422 Nut butters
423 Nut butter sandwiches
424 Coconut beverages
425 Nut mixtures

43 SEEDS AND SEED MIXTURES

431 Seeds

44 CAROB PRODUCTS

441 Carob powder, flour
442 Carob chips, syrup

50 FLOUR AND DRY MIXES

500 Flour and dry mixes

51 YEAST BREADS, ROLLS

510 Breads, rolls, NFS
511 White breads, rolls
512 Whole wheat breads, rolls
513 Wheat, cracked wheat breads, rolls
514 Rye breads, rolls
515 Oat breads
516 Multigrain breads, rolls
517 Cottonseed breads
518 Other breads

52 QUICK BREADS

521 Biscuits
522 Cornbread, corn muffins, tortillas
523 Other muffins, popovers
524 Other quick breads

53 CAKES, COOKIES, PIES, PASTRIES

531 Cakes
532 Cookies
533 Pies
534 Cobblers, eclairs, turnovers, other pastries
535 Danish, breakfast pastries, doughnuts, granola bars
536 Coffee cake, not yeast

54 CRACKERS AND SALTY SNACKS FROM GRAIN PRODUCTS

541 Sweet crackers
542 Low sodium crackers
543 Nonsweet crackers
544 Salty snacks from grain products

55 PANCAKES, WAFFLES, FRENCH TOAST, OTHER GRAIN PRODUCTS

551 Pancakes
552 Waffles
553 French toast
554 Crepes
555 Flour-water patties
556 Flour-milk patties
557 Rice flour cakes
558 Funnel cakes

56 PASTAS, COOKED CEREALS, RICE

561 Pastas
562 Cooked cereals, rice

57 CEREALS, NOT COOKED OR NS AS TO COOKED

570 Cereal, not specified as to cooked
571-574 Ready-to-eat cereals
576 Cereal grains, not cooked
578 Cereals baby food

58 GRAIN MIXTURES, FROZEN PLATE MEALS, SOUPS

581 Grain mixtures
583 Frozen plate meals with grain mixture as major ingredient
584 Soups with grain product as major ingredient
585 Grain mixtures baby food

61 CITRUS FRUITS, JUICES

611 Citrus fruits
612 Citrus fruit juices

62 DRIED FRUITS

621 Dried fruits

63 OTHER FRUITS

631 Fruits, excluding berries
632 Berries
633 Mixtures of two or more fruits
634 Mixtures of fruits and nonfruit items

64 FRUIT JUICES AND NECTARS EXCLUDING CITRUS

641 Fruit juices, excluding citrus
642 Nectars
644 Vinegar

67 FRUITS AND JUICES BABY FOOD

671 Fruits and fruit mixtures baby food
672 Fruit juice baby food
673 Fruits with cereal baby food
674 Fruit desserts and fruit-flavored puddings and yogurt baby food

71 WHITE POTATOES AND PUERTO RICAN STARCHY VEGETABLES

710 White potatoes, NFS
711 White potatoes, baked and boiled
712 White potatoes, chips and sticks
713 White potatoes, creamed, scalloped, au gratin
714 White potatoes, fried
715 White potatoes, mashed, stuffed, puffs
716 Potato salad
717 Potato recipes
718 Potato soups
719 Puerto Rican starchy vegetables

72 DARK-GREEN VEGETABLES

721 Dark-green leafy vegetables
722 Dark-green nonleafy vegetables
723 Dark-green vegetable soups

73 DEEP-YELLOW VEGETABLES

731 Carrots
732 Pumpkin
733 Squash, winter
734 Sweetpotatoes
735 Deep-yellow vegetable soups

74 TOMATOES AND TOMATO MIXTURES

741 Tomatoes, raw
742 Tomatoes, cooked
743 Tomato juices
744 Tomato sauces
745 Tomato mixtures
746 Tomato soups
747 Tomato sandwiches

75 OTHER VEGETABLES

751 Other vegetables, raw
752 Other vegetables, cooked
753 Other vegetables mixtures, cooked
754 Other cooked vegetables, cooked with sauces, batters, casseroles
755 Olives, pickles, relishes (excluding tomatoes)
756 Vegetable soups
761 Dark-green vegetables baby food
762 Deep-yellow vegetables baby food
764 Vegetables other than dark-green, deep-yellow, and tomato baby food
766 Vegetables with meat baby food
767 Vegetables with liver baby food

77 VEGETABLES WITH MEAT, POULTRY, FISH

771 White potato with meat, poultry, fish (mixtures)
772 Puerto Rican starchy vegetable (viandas) mixtures
773 Other vegetable mixtures
775 Puerto Rican stews or soups with starchy vegetables (viandas)

81 FATS

811 Table fats
812 Cooking fats
813 Other fats

82 OILS

821 Vegetable oils

83 SALAD DRESSINGS

831 Regular salad dressings
832 Low-calorie salad dressings

91 SUGARS AND SWEETS

911 Sugars
912 Sugar replacements or substitute

913 Syrups, honey, molasses, sweet toppings
914 Jellies, jams, preserves
915 Gelatin desserts or salads
916 Ices or popsicles
917 Candies
918 Chewing gums

92 NONALCOHOLIC BEVERAGES

921 Coffee
922 Coffee substitutes
923 Tea
924 Soft drinks
925 Fruitades and drinks
926 Beverages, nonfruit
927 Beverages, noncarbonated, without vitamin C, made from powdered mixes
928 Nonalcoholic beers, wines, cocktails
929 Beverage concentrates, dry, not reconstituted

93 ALCOHOLIC BEVERAGES

931 Beers and ales
932 Cordials and liqueurs
933 Cocktails
934 Wines
935 Distilled liquors

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APPENDIX C3
Proportion of Indirect Water per 100 grams of USDA 1994–1996 CSFII Foods

Food code	Modcode	Start date	End date	G_i
11114200	0	01/01/94	12/31/96	0.8920
11120000	0	01/01/94	12/31/96	0.9071
11121100	0	01/01/94	12/31/96	0.8702
11121210	0	01/01/94	12/31/96	0.9061
11121300	0	01/01/94	12/31/96	0.9071
11122000	0	01/01/94	12/31/96	0.9021
11210000	0	01/01/94	12/31/96	0.4847
11210200	0	01/01/94	12/31/96	0.4847
11211000	0	01/01/94	12/31/96	0.4847
11211200	0	01/01/94	12/31/96	0.4847
11211600	0	01/01/94	12/31/96	0.4763
11212000	0	01/01/94	12/31/96	0.4807
11212200	0	01/01/94	12/31/96	0.4807
11213000	0	01/01/94	12/31/96	0.8625
11213050	0	01/01/94	12/31/96	0.7330
11213200	0	01/01/94	12/31/96	0.8625
11220200	0	01/01/94	12/31/96	0.4365
11512500	0	01/01/94	12/31/96	0.4335
11514100	0	01/01/94	12/31/96	0.8623
11514300	0	01/01/94	12/31/96	0.9221
11514500	0	01/01/94	12/31/96	0.9386
11515400	0	01/01/94	12/31/96	0.9029
11518000	0	01/01/94	12/31/96	0.8969
11518050	0	01/01/94	12/31/96	0.8846
11518100	0	01/01/94	12/31/96	0.8965
11541000	0	01/01/94	12/31/96	0.0633
11541100	0	01/01/94	12/31/96	0.1307
11541400	0	01/01/94	12/31/96	0.0646
11541400	101023	01/01/94	12/31/96	0.0646
11542000	0	01/01/94	12/31/96	0.5100
11551100	0	01/01/94	12/31/96	0.3154
11552200	0	01/01/94	12/31/96	0.2732
11561010	0	01/01/94	12/31/96	0.4606
11651010	0	01/01/94	12/31/96	0.8826
11710102	0	01/01/94	12/31/96	0.4887
11710103	0	01/01/94	12/31/96	0.8771
11710112	0	01/01/94	12/31/96	0.4887
11710113	0	01/01/94	12/31/96	0.8745
11710122	0	01/01/94	12/31/96	0.4887
11710123	0	01/01/94	12/31/96	0.8745
11710202	0	01/01/94	12/31/96	0.4887
11710203	0	01/01/94	12/31/96	0.8720
11710402	0	01/01/94	12/31/96	0.4887
11710403	0	01/01/94	12/31/96	0.8720
11710502	0	01/01/94	12/31/96	0.4887
11710503	0	01/01/94	12/31/96	0.8758
11710552	0	01/01/94	12/31/96	0.4887
11710553	0	01/01/94	12/31/96	0.8758
11710602	0	01/01/94	12/31/96	0.4887
11710603	0	01/01/94	12/31/96	0.8771
11710603	101078	01/01/94	12/31/96	0.9345
11710712	0	01/01/94	12/31/96	0.4927
11710713	0	01/01/94	12/31/96	0.8771
11710713	100584	01/01/94	12/31/96	0.9081
11710902	0	01/01/94	12/31/96	0.4887
11710903	0	01/01/94	12/31/96	0.8720
11710903	101155	01/01/94	12/31/96	0.8882
11710952	0	01/01/94	12/31/96	0.4887
11710952	100302	01/01/94	12/31/96	0.7414
11710953	0	01/01/94	12/31/96	0.8631
11720052	0	01/01/94	12/31/96	0.4927
11720053	0	01/01/94	12/31/96	0.8732
11720202	0	01/01/94	12/31/96	0.4887
11720203	0	01/01/94	12/31/96	0.8720
11720302	0	01/01/94	12/31/96	0.4887
11720303	0	01/01/94	12/31/96	0.8732
11720402	0	01/01/94	12/31/96	0.4887
11720402	101098	01/01/94	12/31/96	0.6565
11720403	0	01/01/94	12/31/96	0.8720
11720403	100669	01/01/94	12/31/96	0.8949
11720452	0	01/01/94	12/31/96	0.4887
11720502	0	01/01/94	12/31/96	0.4887
11720503	0	01/01/94	12/31/96	0.8732
11720602	0	01/01/94	12/31/96	0.4887
11720603	0	01/01/94	12/31/96	0.8732
11740103	0	01/01/94	12/31/96	0.8606
11740302	0	01/01/94	12/31/96	0.4919

Food code	Modcode	Start date	End date	G_i
11740303	0	01/01/94	12/31/96	0.8606
11740403	0	01/01/94	12/31/96	0.8707
11740503	0	01/01/94	12/31/96	0.8732
11740603	0	01/01/94	12/31/96	0.8631
13210150	0	01/01/94	12/31/96	0.0023
13210160	0	01/01/94	12/31/96	0.0020
13210180	0	01/01/94	12/31/96	0.2519
13210190	0	01/01/94	12/31/96	0.2486
13210300	0	01/01/94	12/31/96	0.0019
13210300	200045	01/01/94	12/31/96	0.0019
13210300	201627	01/01/94	12/31/96	0.0019
13210300	201916	01/01/94	12/31/96	0.0019
13210300	202337	01/01/94	12/31/96	0.0018
13210300	202532	01/01/94	12/31/96	0.0019
13210350	0	01/01/94	12/31/96	0.5940
13210350	202228	01/01/94	12/31/96	0.0659
13210350	202769	01/01/94	12/31/96	0.0658
13210410	0	01/01/94	12/31/96	0.1399
13210410	100370	01/01/94	12/31/96	0.1387
13210410	100396	01/01/94	12/31/96	0.1512
13210410	100923	01/01/94	12/31/96	0.1350
13210410	200118	01/01/94	12/31/96	0.1399
13210410	200423	01/01/94	12/31/96	0.1413
13210410	201036	01/01/94	12/31/96	0.1394
13210410	202246	01/01/94	12/31/96	0.1403
13210410	202515	01/01/94	12/31/96	0.1364
13210410	202676	01/01/94	12/31/96	0.1403
13210410	202760	01/01/94	12/31/96	0.1387
13210410	203005	01/01/94	12/31/96	0.1387
13210500	0	01/01/94	12/31/96	0.0071
13210500	201871	01/01/94	12/31/96	0.0071
13210500	202999	01/01/94	12/31/96	0.0070
13210500	203651	01/01/94	12/31/96	0.0071
13210520	0	01/01/94	12/31/96	0.0083
13210520	100720	01/01/94	12/31/96	0.0083
13210520	200727	01/01/94	12/31/96	0.0083
13210520	201398	01/01/94	12/31/96	0.0083
13210520	201921	01/01/94	12/31/96	0.0083
13210810	0	01/01/94	12/31/96	0.0041
13250100	0	01/01/94	12/31/96	0.0781
13250200	0	01/01/94	12/31/96	0.0400
13252100	0	01/01/94	12/31/96	0.0424
13252200	0	01/01/94	12/31/96	0.1271
14610200	0	01/01/94	12/31/96	0.3874
14610210	0	01/01/94	12/31/96	0.2610
14610210	100313	01/01/94	12/31/96	0.2544
14610250	0	01/01/94	12/31/96	0.2484
14650160	0	01/01/95	12/31/96	0.8068
14710200	0	01/01/94	12/31/96	0.2200
22210310	0	01/01/94	12/31/96	0.0125
23220020	0	01/01/94	12/31/96	0.0503
23220030	0	01/01/94	12/31/96	0.0111
24158200	0	01/01/94	12/31/96	0.2033
24158210	0	01/01/94	12/31/96	0.2033
24158220	0	01/01/94	12/31/96	0.3377
24301210	0	01/01/94	12/31/96	0.0726
24302010	0	01/01/94	12/31/96	0.2064
25110170	0	01/01/94	12/31/96	0.0694
25110410	0	01/01/94	12/31/96	0.0725
25110410	201803	01/01/94	12/31/96	0.0725
25160130	0	01/01/94	12/31/96	0.3166
25221710	0	01/01/94	12/31/96	0.1800
26100150	0	01/01/94	12/31/96	0.1264
26107150	0	01/01/94	12/31/96	0.1474
26107150	201662	01/01/94	12/31/96	0.1474
26107150	202685	01/01/94	12/31/96	0.1474
26107150	203695	01/01/94	12/31/96	0.1474
26109150	0	01/01/94	12/31/96	0.1310
26109150	101070	01/01/94	12/31/96	0.1310
26109150	203652	01/01/94	12/31/96	0.1310
26109180	0	01/01/94	12/31/96	0.7150
26115150	0	01/01/94	12/31/96	0.1256
26115150	201594	01/01/94	12/31/96	0.1256
26117150	0	01/01/94	12/31/96	0.1304
26117150	201691	01/01/94	12/31/96	0.1304
26125150	0	01/01/94	12/31/96	0.1254
26127150	0	01/01/94	12/31/96	0.1300
26127150	100862	01/01/94	12/31/96	0.1300
26127150	202977	01/01/94	12/31/96	0.1300
26129150	0	01/01/94	12/31/96	0.1255
26131150	0	01/01/94	12/31/96	0.1217
26133150	0	01/01/94	12/31/96	0.1526
26133150	101117	01/01/94	12/31/96	0.1526
26137150	0	01/01/94	12/31/96	0.1243
26145150	0	01/01/94	12/31/96	0.1503

Food code	Modcode	Start date	End date	G_i
26151150	0	01/01/94	12/31/96	0.1262
26151150	202740	01/01/94	12/31/96	0.1262
26157150	0	01/01/94	12/31/96	0.1306
26157150	100778	01/01/94	12/31/96	0.1306
26157150	203463	01/01/94	12/31/96	0.1306
26304150	0	01/01/94	12/31/96	0.1336
26311150	0	01/01/94	12/31/96	0.1242
27111000	0	01/01/94	12/31/96	0.0400
27111000	100297	01/01/94	12/31/96	0.0401
27111000	200853	01/01/94	12/31/96	0.0401
27111000	203703	01/01/94	12/31/96	0.0403
27111050	0	01/01/94	12/31/96	0.1100
27111050	100766	01/01/94	12/31/96	0.1059
27111050	100885	01/01/94	12/31/96	0.1086
27111050	100986	01/01/94	12/31/96	0.1066
27111050	200854	01/01/94	12/31/96	0.1090
27111050	200866	01/01/94	12/31/96	0.1090
27111050	200925	01/01/94	12/31/96	0.1100
27111050	201010	01/01/94	12/31/96	0.1070
27111050	201056	01/01/94	12/31/96	0.1092
27111050	202053	01/01/94	12/31/96	0.1093
27111050	202297	01/01/94	12/31/96	0.1099
27111050	202965	01/01/94	12/31/96	0.1123
27111050	203655	01/01/94	12/31/96	0.1090
27111100	0	01/01/94	12/31/96	0.0760
27111300	0	01/01/94	12/31/96	0.1138
27111300	100794	01/01/94	12/31/96	0.1163
27111300	203223	01/01/94	12/31/96	0.1138
27111310	0	01/01/94	12/31/96	0.0885
27111310	100552	01/01/94	12/31/96	0.0885
27112000	0	01/01/94	12/31/96	0.1703
27112010	0	01/01/94	12/31/96	0.0543
27112010	202333	01/01/94	12/31/96	0.0541
27112010	202838	01/01/94	12/31/96	0.0537
27112100	0	01/01/94	12/31/96	0.0843
27113300	0	01/01/94	12/31/96	0.1493
27113300	203077	01/01/94	12/31/96	0.1487
27113300	203529	01/01/94	12/31/96	0.1489
27115000	0	01/01/94	12/31/96	0.4101
27115000	100322	01/01/94	12/31/96	0.4101
27116300	0	01/01/94	12/31/96	0.4674
27116350	0	01/01/94	12/31/96	0.1706
27118130	0	01/01/94	12/31/96	0.1709
27118140	0	01/01/94	12/31/96	0.1107
27118180	0	01/01/94	12/31/96	0.4050
27120020	0	01/01/94	12/31/96	0.4707
27120060	0	01/01/94	12/31/96	0.4726
27120130	0	01/01/94	12/31/96	0.1418
27120150	0	01/01/94	12/31/96	0.2554
27130040	0	01/01/94	12/31/96	0.1101
27130050	0	01/01/94	12/31/96	0.0737
27130100	0	01/01/94	12/31/96	0.2895
27135020	0	01/01/94	12/31/96	0.0330
27135030	0	01/01/94	12/31/96	0.2413
27141030	0	01/01/94	12/31/96	0.1107
27141050	0	01/01/94	12/31/96	0.2727
27141050	203594	01/01/94	12/31/96	0.2727
27142100	0	01/01/94	12/31/96	0.5454
27146100	0	01/01/94	12/31/96	0.2261
27146350	0	01/01/94	12/31/96	0.0894
27150140	0	01/01/94	12/31/96	0.1645
27150140	100425	01/01/94	12/31/96	0.1637
27150160	0	01/01/94	12/31/96	0.2504
27150190	0	01/01/94	12/31/96	0.4780
27151070	0	01/01/94	12/31/96	0.2566
27160100	0	01/01/94	12/31/96	0.2278
27162050	0	01/01/94	12/31/96	0.1147
27162050	100647	01/01/94	12/31/96	0.1200
27162050	100648	01/01/94	12/31/96	0.1165
27162050	202285	01/01/94	12/31/96	0.1140
27162050	202430	01/01/94	12/31/96	0.1141
27162050	202757	01/01/94	12/31/96	0.1140
27162050	202919	01/01/94	12/31/96	0.1140
27162050	203445	01/01/94	12/31/96	0.1140
27162500	0	01/01/94	12/31/96	0.1722
27211100	0	01/01/94	12/31/96	0.1351
27211110	0	01/01/94	12/31/96	0.1273
27211110	201614	01/01/94	12/31/96	0.1273
27211150	0	01/01/94	12/31/96	0.0998
27211150	201699	01/01/94	12/31/96	0.1028
27211200	0	01/01/94	12/31/96	0.2468
27211250	0	01/01/94	12/31/95	0.0152
27211550	0	01/01/94	12/31/96	0.1311
27212000	0	01/01/94	12/31/96	0.3462
27212000	100398	01/01/94	12/31/96	0.3464

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27212000	202194	01/01/94	12/31/96	0.3464
27212000	202607	01/01/94	12/31/96	0.3517
27212050	0	01/01/94	12/31/96	0.3803
27212050	100452	01/01/94	12/31/96	0.5348
27212050	200689	01/01/94	12/31/96	0.3792
27212050	201369	01/01/94	12/31/96	0.3798
27212050	202710	01/01/94	12/31/96	0.3799
27212050	202712	01/01/94	12/31/96	0.3792
27212050	202917	01/01/94	12/31/96	0.3801
27212050	202928	01/01/94	12/31/96	0.3800
27212050	203016	01/01/94	12/31/96	0.3799
27212100	0	01/01/94	12/31/96	0.1724
27212100	200857	01/01/94	12/31/96	0.1772
27212100	201557	01/01/94	12/31/96	0.1772
27212100	203466	01/01/94	12/31/96	0.1772
27212120	0	01/01/94	12/31/96	0.1286
27212120	202357	01/01/94	12/31/96	0.1287
27212150	0	01/01/94	12/31/96	0.2889
27212150	100331	01/01/94	12/31/96	0.2972
27212150	202399	01/01/94	12/31/96	0.2889
27212200	0	01/01/94	12/31/96	0.1756
27212300	0	01/01/94	12/31/96	0.1313
27212350	0	01/01/94	12/31/96	0.2425
27212350	100922	01/01/94	12/31/96	0.2424
27212350	202851	01/01/94	12/31/96	0.2420
27212350	203035	01/01/94	12/31/96	0.2465
27212350	203057	01/01/94	12/31/96	0.2425
27212350	203328	01/01/94	12/31/96	0.2414
27212400	0	01/01/94	12/31/96	0.1663
27213000	0	01/01/94	12/31/96	0.4529
27213000	202307	01/01/94	12/31/96	0.4619
27213000	203476	01/01/94	12/31/96	0.4529
27213100	0	01/01/94	12/31/96	0.1754
27213100	100812	01/01/94	12/31/96	0.1749
27213120	0	01/01/94	12/31/96	0.2129
27213120	100170	01/01/94	12/31/96	0.2130
27213120	202876	01/01/94	12/31/96	0.2134
27213150	0	01/01/94	12/31/96	0.2634
27213200	0	01/01/94	12/31/96	0.2791
27213300	0	01/01/94	12/31/96	0.2507
27213400	0	01/01/94	12/31/96	0.1781
27213400	203055	01/01/94	12/31/96	0.1761
27213420	0	01/01/94	12/31/96	0.2129
27213420	100726	01/01/94	12/31/96	0.2140
27213420	100727	01/01/94	12/31/96	0.2134
27213500	0	01/01/94	12/31/96	0.2530
27214300	0	01/01/94	12/31/96	0.0277
27218110	0	01/01/94	12/31/96	0.0511
27218210	0	01/01/94	12/31/96	0.2784
27218310	0	01/01/94	12/31/96	0.0676
27220020	0	01/01/94	12/31/96	0.1482
27220030	0	01/01/94	12/31/96	0.1862
27220050	0	01/01/94	12/31/96	0.2092
27220110	0	01/01/94	12/31/96	0.3077
27220120	0	01/01/94	12/31/96	0.2955
27220150	0	01/01/94	12/31/96	0.1953
27220150	101169	01/01/94	12/31/96	0.2690
27220170	0	01/01/94	12/31/96	0.1972
27220190	0	01/01/94	12/31/96	0.3122
27220210	0	01/01/94	12/31/96	0.4035
27220310	0	01/01/94	12/31/96	0.3955
27220310	100231	01/01/94	12/31/96	0.3958
27220310	100543	01/01/94	12/31/96	0.3958
27220310	201569	01/01/94	12/31/96	0.3958
27220310	202971	01/01/94	12/31/96	0.3962
27220510	0	01/01/94	12/31/96	0.2464
27221100	0	01/01/94	12/31/96	0.4788
27221150	0	01/01/94	12/31/96	0.1273
27231000	0	01/01/94	12/31/96	0.2467
27232000	0	01/01/94	12/31/96	0.0670
27233000	0	01/01/94	12/31/96	0.5782
27235750	0	01/01/94	12/31/96	0.1292
27236000	0	01/01/94	12/31/96	0.1191
27241010	0	01/01/94	12/31/96	0.3455
27242000	0	01/01/94	12/31/96	0.4044
27242000	100384	01/01/94	12/31/96	0.4037
27242000	202117	01/01/94	12/31/96	0.4036
27242200	0	01/01/94	12/31/96	0.5680
27242250	0	01/01/94	12/31/96	0.2456
27242300	0	01/01/94	12/31/96	0.2362
27242300	101104	01/01/94	12/31/96	0.2362
27242300	202554	01/01/94	12/31/96	0.2361
27242300	202806	01/01/94	12/31/96	0.2361
27242310	0	01/01/94	12/31/96	0.2484
27242350	0	01/01/94	12/31/96	0.2967

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27242400	0	01/01/94	12/31/96	0.2416
27242400	200456	01/01/94	12/31/96	0.2433
27242400	202541	01/01/94	12/31/96	0.2520
27242400	203638	01/01/94	12/31/96	0.2410
27243000	0	01/01/94	12/31/96	0.4256
27243000	202616	01/01/94	12/31/96	0.4251
27243000	202782	01/01/94	12/31/96	0.4252
27243000	203479	01/01/94	12/31/96	0.4251
27243300	0	01/01/94	12/31/96	0.2229
27243500	0	01/01/94	12/31/96	0.1747
27243600	0	01/01/94	12/31/96	0.1286
27243700	0	01/01/94	12/31/96	0.3186
27246100	0	01/01/94	12/31/96	0.2841
27246100	101060	01/01/94	12/31/96	0.2838
27246100	203394	01/01/94	12/31/96	0.2835
27246100	203741	01/01/94	12/31/96	0.2838
27246200	0	01/01/94	12/31/96	0.1299
27250060	0	01/01/94	12/31/96	0.0096
27250110	0	01/01/94	12/31/96	0.1292
27250130	0	01/01/94	12/31/96	0.1295
27250130	203697	01/01/94	12/31/96	0.1296
27250500	0	01/01/94	12/31/96	0.1689
27250520	0	01/01/94	12/31/96	0.1689
27250610	0	01/01/94	12/31/96	0.1823
27250610	100389	01/01/94	12/31/96	0.1823
27250610	200943	01/01/94	12/31/96	0.1822
27250610	202688	01/01/94	12/31/96	0.1821
27250610	203555	01/01/94	12/31/96	0.1926
27250630	0	01/01/94	12/31/96	0.1814
27250630	201273	01/01/94	12/31/96	0.1814
27250630	202216	01/01/94	12/31/96	0.2883
27250630	202584	01/01/94	12/31/96	0.1814
27250630	202593	01/01/94	12/31/96	0.1863
27250630	202723	01/01/94	12/31/96	0.1814
27250630	203749	01/01/94	12/31/96	0.1863
27250710	0	01/01/94	12/31/96	0.1761
27250810	0	01/01/94	12/31/96	0.1802
27250820	0	01/01/94	12/31/96	0.1801
27250830	0	01/01/94	12/31/96	0.1801
27250830	100966	01/01/94	12/31/96	0.1794
27250900	0	01/01/94	12/31/96	0.1788
27250950	0	01/01/94	12/31/96	0.3523
27251010	0	01/01/94	12/31/96	0.0510
27260500	0	01/01/94	12/31/96	0.0968
27260550	0	01/01/94	12/31/96	0.3400
27261500	0	01/01/94	12/31/96	0.1450
27311310	0	01/01/94	12/31/96	0.2961
27311310	201760	01/01/94	12/31/96	0.2948
27311320	0	01/01/94	12/31/96	0.3221
27311410	0	01/01/94	12/31/96	0.3511
27311420	0	01/01/94	12/31/96	0.3743
27313010	0	01/01/94	12/31/96	0.2261
27313020	0	01/01/94	12/31/96	0.2270
27313110	0	01/01/94	12/31/96	0.0578
27313150	0	01/01/94	12/31/96	0.3392
27313160	0	01/01/94	12/31/96	0.3484
27313210	0	01/01/94	12/31/96	0.2737
27313220	0	01/01/94	12/31/96	0.2677
27313310	0	01/01/94	12/31/96	0.2345
27313320	0	01/01/94	12/31/96	0.2359
27313320	100704	01/01/94	12/31/96	0.2343
27313410	0	01/01/94	12/31/96	0.1236
27313410	202662	01/01/94	12/31/96	0.1226
27313420	0	01/01/94	12/31/96	0.1223
27315010	0	01/01/94	12/31/96	0.2208
27315020	0	01/01/94	12/31/96	0.2217
27315210	0	01/01/94	12/31/96	0.2708
27315220	0	01/01/94	12/31/96	0.2520
27315250	0	01/01/94	12/31/96	0.0730
27315250	202831	01/01/94	12/31/96	0.0730
27315270	0	01/01/94	12/31/96	0.0713
27315270	202980	01/01/94	12/31/96	0.0712
27315310	0	01/01/94	12/31/96	0.1878
27315320	0	01/01/94	12/31/96	0.1890
27315510	0	01/01/94	12/31/96	0.1688
27315520	0	01/01/94	12/31/96	0.1835
27315520	100251	01/01/94	12/31/96	0.1718
27317010	0	01/01/94	12/31/96	0.3236
27320020	0	01/01/94	12/31/96	0.0390
27320030	0	01/01/94	12/31/96	0.0939
27320070	0	01/01/94	12/31/96	0.0988
27320080	0	01/01/94	12/31/96	0.2055
27320090	0	01/01/94	12/31/96	0.2020
27320140	0	01/01/94	12/31/96	0.3322
27320150	0	01/01/94	12/31/96	0.3271

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27320310	0	01/01/94	12/31/96	0.0578
27320340	0	01/01/94	12/31/96	0.1549
27320350	0	01/01/94	12/31/96	0.1677
27320500	0	01/01/94	12/31/96	0.5261
27330050	0	01/01/94	12/31/96	0.1595
27330060	0	01/01/94	12/31/96	0.1589
27330080	0	01/01/94	12/31/96	0.4760
27330170	0	01/01/94	12/31/96	0.0767
27331150	0	01/01/94	12/31/96	0.0319
27332100	0	01/01/94	12/31/96	0.3256
27332110	0	01/01/94	12/31/96	0.3223
27335100	0	01/01/94	12/31/96	0.4671
27336100	0	01/01/94	12/31/96	0.1515
27336150	0	01/01/94	12/31/96	0.1544
27336200	0	01/01/94	12/31/96	0.2615
27336250	0	01/01/94	12/31/96	0.2850
27336300	0	01/01/94	12/31/96	0.3448
27336310	0	01/01/94	12/31/96	0.3540
27341310	0	01/01/94	12/31/96	0.2581
27341320	0	01/01/94	12/31/96	0.2532
27343010	0	01/01/94	12/31/96	0.2672
27343010	100206	01/01/94	12/31/96	0.2669
27343010	100696	01/01/94	12/31/96	0.2695
27343020	0	01/01/94	12/31/96	0.2622
27343410	0	01/01/94	12/31/96	0.4426
27343420	0	01/01/94	12/31/96	0.4270
27343470	0	01/01/94	12/31/96	0.1892
27343480	0	01/01/94	12/31/96	0.1892
27343510	0	01/01/94	12/31/96	0.3395
27343520	0	01/01/94	12/31/96	0.3395
27343910	0	01/01/94	12/31/96	0.2221
27343910	100678	01/01/94	12/31/96	0.2208
27343950	0	01/01/94	12/31/96	0.1421
27343960	0	01/01/94	12/31/96	0.1486
27343970	0	01/01/94	12/31/96	0.2020
27343980	0	01/01/94	12/31/96	0.2044
27345010	0	01/01/94	12/31/96	0.2387
27345020	0	01/01/94	12/31/96	0.2094
27345210	0	01/01/94	12/31/96	0.1919
27345220	0	01/01/94	12/31/96	0.2029
27345310	0	01/01/94	12/31/96	0.4203
27345320	0	01/01/94	12/31/96	0.4204
27345410	0	01/01/94	12/31/96	0.1855
27345420	0	01/01/94	12/31/96	0.1841
27345440	0	01/01/94	12/31/96	0.1260
27345450	0	01/01/94	12/31/96	0.1680
27345450	202243	01/01/94	12/31/96	0.1689
27345510	0	01/01/94	12/31/96	0.2110
27345520	0	01/01/94	12/31/96	0.2027
27347100	0	01/01/94	12/31/96	0.1133
27347100	100318	01/01/94	12/31/96	0.1586
27347210	0	01/01/94	12/31/96	0.1011
27350020	0	01/01/94	12/31/96	0.3884
27350030	0	01/01/94	12/31/96	0.0819
27350040	0	01/01/94	12/31/96	0.1557
27350050	0	01/01/94	12/31/96	0.2358
27350060	0	01/01/94	12/31/96	0.1993
27350070	0	01/01/94	12/31/96	0.1179
27350080	0	01/01/94	12/31/96	0.1609
27350080	100388	01/01/94	12/31/96	0.1609
27350090	0	01/01/94	12/31/96	0.1506
27350100	0	01/01/94	12/31/96	0.1556
27350200	0	01/01/94	12/31/96	0.0156
27350310	0	01/01/94	12/31/96	0.0830
27350310	100142	01/01/94	12/31/96	0.0819
27350410	0	01/01/94	12/31/96	0.1700
27350410	200066	01/01/94	12/31/96	0.1700
27350410	203442	01/01/94	12/31/96	0.1700
27351030	0	01/01/94	12/31/96	0.1102
27360000	0	01/01/94	12/31/96	0.3048
27360010	0	01/01/94	12/31/96	0.0998
27360050	0	01/01/94	12/31/96	0.3342
27360080	0	01/01/94	12/31/96	0.0580
27360090	0	01/01/94	12/31/96	0.4143
27360120	0	01/01/94	12/31/96	0.0579
27361010	0	01/01/94	12/31/96	0.1619
27362000	0	01/01/94	12/31/96	0.8430
27363000	0	01/01/94	12/31/96	0.4019
27363100	0	01/01/94	12/31/96	0.2003
27363100	100483	01/01/94	12/31/96	0.2073
27363100	100715	01/01/94	12/31/96	0.2009
27363100	203056	01/01/94	12/31/96	0.2105
27411100	0	01/01/94	12/31/96	0.2927
27411120	0	01/01/94	12/31/96	0.1310
27415150	0	01/01/94	12/31/96	0.0621

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27415200	0	01/01/94	12/31/96	0.1190
27415200	201673	01/01/94	12/31/96	0.1191
27416100	0	01/01/94	12/31/96	0.1027
27416150	0	01/01/94	12/31/96	0.1133
27416150	201515	01/01/94	12/31/96	0.1132
27416150	202456	01/01/94	12/31/96	0.1138
27416150	202798	01/01/94	12/31/96	0.1217
27416400	0	01/01/94	12/31/96	0.0481
27416450	0	01/01/94	12/31/96	0.3346
27416500	0	01/01/94	12/31/96	0.2928
27418210	0	01/01/94	12/31/96	0.2500
27418310	0	01/01/94	12/31/96	0.0939
27420110	0	01/01/94	12/31/96	0.0903
27420170	0	01/01/94	12/31/96	0.0947
27420390	0	01/01/94	12/31/96	0.0625
27420390	202995	01/01/94	12/31/96	0.0662
27420500	0	01/01/94	12/31/96	0.1075
27420510	0	01/01/94	12/31/96	0.1190
27420510	101044	01/01/94	12/31/96	0.1191
27420510	202101	01/01/94	12/31/96	0.1191
27430500	0	01/01/94	12/31/96	0.0684
27430510	0	01/01/94	12/31/96	0.0707
27442110	0	01/01/94	12/31/96	0.2972
27442120	0	01/01/94	12/31/96	0.2866
27443110	0	01/01/94	12/31/96	0.0555
27443110	202753	01/01/94	12/31/96	0.0558
27443110	203512	01/01/94	12/31/96	0.0555
27443120	0	01/01/94	12/31/96	0.0556
27443150	0	01/01/94	12/31/96	0.0500
27443150	100515	01/01/94	12/31/96	0.0500
27445110	0	01/01/94	12/31/96	0.0966
27445110	100305	01/01/94	12/31/96	0.0971
27445110	100475	01/01/94	12/31/96	0.1060
27445110	200379	01/01/94	12/31/96	0.0966
27445110	202131	01/01/94	12/31/96	0.0977
27445110	202476	01/01/94	12/31/96	0.0966
27445110	203473	01/01/94	12/31/96	0.0973
27445120	0	01/01/94	12/31/96	0.0945
27445150	0	01/01/94	12/31/96	0.2870
27445250	0	01/01/94	12/31/96	0.2884
27445250	100500	01/01/94	12/31/96	0.2860
27446100	0	01/01/94	12/31/96	0.2294
27446100	201686	01/01/94	12/31/96	0.2295
27450040	0	01/01/94	12/31/96	0.2411
27450410	0	01/01/94	12/31/96	0.0873
27450410	100694	01/01/94	12/31/96	0.0873
27450410	100865	01/01/94	12/31/96	0.0873
27450410	203621	01/01/94	12/31/96	0.0930
27450420	0	01/01/94	12/31/96	0.0909
27450600	0	01/01/94	12/31/96	0.0741
27450610	0	01/01/94	12/31/96	0.0748
27451010	0	01/01/94	12/31/96	0.0768
27460010	0	01/01/94	12/31/96	0.0625
27462000	0	01/01/94	12/31/96	0.0848
27464000	0	01/01/94	12/31/96	0.3401
27464000	100414	01/01/94	12/31/96	0.3402
28310150	0	01/01/94	12/31/96	0.8412
28310160	0	01/01/94	12/31/96	0.8475
28310170	0	01/01/94	12/31/96	0.9590
28310210	0	01/01/94	12/31/96	0.6188
28310220	0	01/01/94	12/31/96	0.1328
28310230	0	01/01/94	12/31/96	0.5319
28310320	0	01/01/94	12/31/96	0.4583
28310330	0	01/01/94	12/31/96	0.4447
28310420	0	01/01/94	12/31/96	0.4583
28311010	0	01/01/94	12/31/96	0.6466
28315110	0	01/01/94	12/31/96	0.1130
28315130	0	01/01/94	12/31/96	0.0440
28315140	0	01/01/94	12/31/96	0.6138
28315150	0	01/01/94	12/31/96	0.5864
28315150	100209	01/01/94	12/31/96	0.5838
28315150	203577	01/01/94	12/31/96	0.5787
28320110	0	01/01/94	12/31/96	0.6503
28320110	100172	01/01/94	12/31/96	0.6503
28320120	0	01/01/94	12/31/96	0.5894
28320130	0	01/01/94	12/31/96	0.5711
28320140	0	01/01/94	12/31/96	0.4377
28320150	0	01/01/94	12/31/96	0.0782
28320300	0	01/01/94	12/31/96	0.6083
28321130	0	01/01/94	12/31/96	0.3203
28330110	0	01/01/94	12/31/96	0.7045
28331110	0	01/01/94	12/31/96	0.4215
28340110	0	01/01/94	12/31/96	0.8628
28340120	0	01/01/94	12/31/96	0.9145
28340130	0	01/01/94	12/31/96	0.7701

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28340150	0	01/01/94	12/31/96	0.5226
28340210	0	01/01/94	12/31/96	0.4834
28340220	0	01/01/94	12/31/96	0.5071
28340310	0	01/01/94	12/31/96	0.7332
28340530	0	01/01/94	12/31/96	0.8327
28340530	100843	01/01/94	12/31/96	0.9163
28340550	0	01/01/94	12/31/96	0.5923
28340580	0	01/01/94	12/31/96	0.6490
28340590	0	01/01/94	12/31/96	0.1843
28340620	0	01/01/94	12/31/96	0.6324
28340660	0	01/01/94	12/31/96	0.3706
28340660	100205	01/01/94	12/31/96	0.3689
28340660	100245	01/01/94	12/31/96	0.3656
28340670	0	01/01/94	12/31/96	0.4762
28340700	0	01/01/94	12/31/96	0.6438
28340750	0	01/01/94	12/31/96	0.5645
28340750	202236	01/01/94	12/31/96	0.5656
28340800	0	01/01/94	12/31/96	0.4433
28345010	0	01/01/95	12/31/96	0.2410
28345030	0	01/01/95	12/31/96	0.4857
28345110	0	01/01/94	12/31/96	0.2410
28345130	0	01/01/94	12/31/96	0.4857
28345130	100883	01/01/94	12/31/96	0.6538
28345130	100982	01/01/94	12/31/96	0.3207
28345170	0	01/01/94	12/31/96	0.4560
28350040	0	01/01/94	12/31/96	0.9617
28350050	0	01/01/94	12/31/96	0.1465
28350050	203441	01/01/94	12/31/96	0.1454
28350120	0	01/01/94	12/31/96	0.3069
28350210	0	01/01/94	12/31/96	0.1670
28350220	0	01/01/94	12/31/96	0.2300
28351160	0	01/01/94	12/31/96	0.5379
28351170	0	01/01/94	12/31/96	0.5408
28355130	0	01/01/94	12/31/96	0.4446
28355210	0	01/01/94	12/31/96	0.1229
28355210	202154	01/01/94	12/31/96	0.1229
28355260	0	01/01/94	12/31/96	0.0804
28355350	0	01/01/94	12/31/96	0.2014
28355410	0	01/01/94	12/31/96	0.3746
28355430	0	01/01/94	12/31/96	0.9000
28355440	0	01/01/94	12/31/96	0.0792
28355450	0	01/01/94	12/31/96	0.4418
28355450	101018	01/01/94	12/31/96	0.4402
28355460	0	01/01/94	12/31/96	0.4812
28355470	0	01/01/94	12/31/96	0.4425
28355480	0	01/01/94	12/31/96	0.4458
28360210	0	01/01/94	12/31/96	0.2781
28400000	0	01/01/94	12/31/96	0.9764
28400200	0	01/01/94	12/31/96	1.0000
28401010	0	01/01/94	12/31/96	0.9200
28401200	0	01/01/94	12/31/96	0.9405
28500100	0	01/01/94	12/31/96	0.8257
28500150	0	01/01/94	12/31/96	0.9280
28510020	0	01/01/94	12/31/96	0.7240
28510030	0	01/01/94	12/31/96	0.6893
28520000	0	01/01/94	12/31/96	0.7641
28520100	0	01/01/94	12/31/96	0.7247
28522000	0	01/01/94	12/31/96	0.5058
32101500	0	01/01/94	12/31/96	0.2302
32104100	0	01/01/94	12/31/96	0.6668
32105010	100342	01/01/94	12/31/96	0.2155
32105010	100479	01/01/94	12/31/96	0.2159
32105010	201026	01/01/94	12/31/96	0.2155
32105010	201077	01/01/94	12/31/96	0.2160
32105010	201087	01/01/94	12/31/96	0.2154
32105010	201300	01/01/94	12/31/96	0.2222
32105010	201377	01/01/94	12/31/96	0.2159
32105010	202084	01/01/94	12/31/96	0.2155
32105010	202144	01/01/94	12/31/96	0.2156
32105010	202308	01/01/94	12/31/96	0.2156
32105010	202370	01/01/94	12/31/96	0.2155
32105010	202379	01/01/94	12/31/96	0.2159
32105010	202465	01/01/94	12/31/96	0.2220
32105010	202640	01/01/94	12/31/96	0.2161
32105010	202770	01/01/94	12/31/96	0.2158
32105010	202834	01/01/94	12/31/96	0.2226
32105010	203054	01/01/94	12/31/96	0.2221
32105010	203093	01/01/94	12/31/96	0.2164
32105010	203327	01/01/94	12/31/96	0.2165
32105010	203437	01/01/94	12/31/96	0.2225
32105030	100179	01/01/94	12/31/96	0.1851
32105030	100643	01/01/94	12/31/96	0.1900
32105030	202907	01/01/94	12/31/96	0.1851
32105040	202212	01/01/94	12/31/96	0.2127
32105050	101094	01/01/94	12/31/96	0.2130

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32105050	201117	01/01/94	12/31/96	0.2128
32105050	201720	01/01/94	12/31/96	0.2129
32105050	201839	01/01/94	12/31/96	0.2128
32105050	201934	01/01/94	12/31/96	0.2129
32105050	202955	01/01/94	12/31/96	0.2149
32105060	100221	01/01/94	12/31/96	0.1941
32105060	100250	01/01/94	12/31/96	0.1896
32105060	100422	01/01/94	12/31/96	0.1893
32105060	202591	01/01/94	12/31/96	0.1890
32105060	203602	01/01/94	12/31/96	0.1890
32105070	202668	01/01/94	12/31/96	0.2119
32105080	100325	01/01/94	12/31/96	0.1842
32105080	100353	01/01/94	12/31/96	0.1842
32105080	100363	01/01/94	12/31/96	0.1844
32105080	201197	01/01/94	12/31/96	0.1892
32105080	201264	01/01/94	12/31/96	0.1890
32105080	201633	01/01/94	12/31/96	0.1843
32105080	202237	01/01/94	12/31/96	0.1832
32105080	202650	01/01/94	12/31/96	0.1846
32105080	202671	01/01/94	12/31/96	0.1844
32105080	203286	01/01/94	12/31/96	0.1843
32105080	203736	01/01/94	12/31/96	0.1843
32105100	101100	01/01/94	12/31/96	0.1482
32105100	201733	01/01/94	12/31/96	0.1483
32105100	201898	01/01/94	12/31/96	0.1483
32105110	101047	01/01/94	12/31/96	0.2182
32105120	203688	01/01/94	12/31/96	0.2148
32105121	101145	01/01/94	12/31/96	0.2053
32105121	202659	01/01/94	12/31/96	0.1941
32105121	203459	01/01/94	12/31/96	0.2026
32105122	100876	01/01/94	12/31/96	0.1862
32105122	203219	01/01/94	12/31/96	0.1859
32105130	201090	01/01/94	12/31/96	0.1215
32105130	202343	01/01/94	12/31/96	0.1301
32105130	203465	01/01/94	12/31/96	0.1216
32105150	100992	01/01/94	12/31/96	0.1921
32105160	100186	01/01/94	12/31/96	0.2190
32105160	203704	01/01/94	12/31/96	0.2258
32120100	0	01/01/94	12/31/96	0.1206
32300100	0	01/01/94	12/31/96	0.7765
32301100	0	01/01/94	12/31/96	0.6606
33102010	0	01/01/94	12/31/96	0.6604
33102010	201085	01/01/94	12/31/96	0.6601
33201010	100728	01/01/94	12/31/96	0.2377
33201010	202167	01/01/94	12/31/96	0.2300
33201010	202410	01/01/94	12/31/96	0.2257
33201010	203207	01/01/94	12/31/96	0.2299
33201010	203499	01/01/94	12/31/96	0.2299
33201500	202680	01/01/94	12/31/96	0.2176
33301010	202478	01/01/94	12/31/96	0.2257
33301010	203044	01/01/94	12/31/96	0.2330
41101000	0	01/01/94	12/31/96	0.2856
41101010	0	01/01/94	12/31/96	0.2851
41101010	101150	01/01/94	12/31/96	0.2898
41101010	202020	01/01/94	12/31/96	0.2898
41101010	202535	01/01/94	12/31/96	0.2898
41101020	0	01/01/94	12/31/96	0.3102
41101100	0	01/01/94	12/31/96	0.2672
41101110	0	01/01/94	12/31/96	0.2672
41101110	100099	01/01/94	12/31/96	0.2715
41101110	100504	01/01/94	12/31/96	0.2715
41101110	200155	01/01/94	12/31/96	0.2715
41101110	200187	01/01/94	12/31/96	0.2715
41101110	200804	01/01/94	12/31/96	0.2715
41101110	201291	01/01/94	12/31/96	0.2715
41101110	202299	01/01/94	12/31/96	0.2715
41101110	202672	01/01/94	12/31/96	0.2715
41101120	0	01/01/94	12/31/96	0.2901
41102000	0	01/01/94	12/31/96	0.3021
41102010	0	01/01/94	12/31/96	0.3030
41102010	100139	01/01/94	12/31/96	0.3079
41102010	100162	01/01/94	12/31/96	0.3079
41102010	200502	01/01/94	12/31/96	0.3079
41102010	201473	01/01/94	12/31/96	0.3079
41102010	202265	01/01/94	12/31/96	0.3079
41102020	0	01/01/94	12/31/96	0.3292
41102200	0	01/01/94	12/31/96	0.3111
41102210	0	01/01/94	12/31/96	0.3111
41102210	202958	01/01/94	12/31/96	0.3161
41102220	0	01/01/94	12/31/96	0.3381
41103000	0	01/01/94	12/31/96	0.3038
41103010	0	01/01/94	12/31/96	0.3038
41103010	200622	01/01/94	12/31/96	0.3087
41103010	200691	01/01/94	12/31/96	0.3087
41103010	201459	01/01/94	12/31/96	0.3087

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41103010	201625	01/01/94	12/31/96	0.3087
41103010	201719	01/01/94	12/31/96	0.3087
41103010	201795	01/01/94	12/31/96	0.3087
41103010	202637	01/01/94	12/31/96	0.3087
41103010	202696	01/01/94	12/31/96	0.3087
41103020	0	01/01/94	12/31/96	0.3299
41103050	0	01/01/94	12/31/96	0.2603
41103060	0	01/01/94	12/31/96	0.2829
41103070	0	01/01/94	12/31/96	0.2603
41103070	201313	01/01/94	12/31/96	0.2645
41103070	201819	01/01/94	12/31/96	0.2645
41103070	203096	01/01/94	12/31/96	0.2645
41104000	0	01/01/94	12/31/96	0.3055
41104010	0	01/01/94	12/31/96	0.3055
41104010	100416	01/01/94	12/31/96	0.3104
41104010	100471	01/01/94	12/31/96	0.3104
41104010	100850	01/01/94	12/31/96	0.3104
41104010	101097	01/01/94	12/31/96	0.3104
41104010	200165	01/01/94	12/31/96	0.3104
41104010	200227	01/01/94	12/31/96	0.3104
41104010	200246	01/01/94	12/31/96	0.3104
41104010	200347	01/01/94	12/31/96	0.3104
41104010	200350	01/01/94	12/31/96	0.3104
41104010	200613	01/01/94	12/31/96	0.3104
41104010	200693	01/01/94	12/31/96	0.3104
41104010	200724	01/01/94	12/31/96	0.3104
41104010	200961	01/01/94	12/31/96	0.3104
41104010	201593	01/01/94	12/31/96	0.3104
41104010	202226	01/01/94	12/31/96	0.3104
41104010	202549	01/01/94	12/31/96	0.3104
41104010	203588	01/01/94	12/31/96	0.3104
41104020	0	01/01/94	12/31/96	0.3319
41106000	0	01/01/94	12/31/96	0.2862
41106010	0	01/01/94	12/31/96	0.2862
41106010	100477	01/01/94	12/31/96	0.2909
41106010	201294	01/01/94	12/31/96	0.2909
41106010	201611	01/01/94	12/31/96	0.2909
41106010	202260	01/01/94	12/31/96	0.2909
41106010	202261	01/01/94	12/31/96	0.2909
41106010	202809	01/01/94	12/31/96	0.2909
41106010	203484	01/01/94	12/31/96	0.2909
41106020	0	01/01/94	12/31/96	0.3108
41107000	0	01/01/94	12/31/96	0.2935
41108000	0	01/01/94	12/31/96	0.3357
41108010	0	01/01/94	12/31/96	0.3282
41108010	202471	01/01/94	12/31/96	0.3285
41108020	0	01/01/94	12/31/96	0.3282
41201010	0	01/01/94	12/31/96	0.2406
41203020	0	01/01/94	12/31/96	0.1885
41203020	100328	01/01/94	12/31/96	0.0964
41203020	101108	01/01/94	12/31/96	0.1879
41203020	200744	01/01/94	12/31/96	0.1918
41203020	202004	01/01/94	12/31/96	0.1878
41203020	202008	01/01/94	12/31/96	0.2196
41204020	0	01/01/94	12/31/96	0.2406
41205010	0	01/01/94	12/31/96	0.2179
41205010	200060	01/01/94	12/31/96	0.2167
41205010	201326	01/01/94	12/31/96	0.2167
41205010	201510	01/01/94	12/31/96	0.2167
41205010	201638	01/01/94	12/31/96	0.2181
41205010	202005	01/01/94	12/31/96	0.2177
41205010	203432	01/01/94	12/31/96	0.2167
41205050	0	01/01/94	12/31/96	0.2650
41205100	0	01/01/94	12/31/96	0.3075
41207030	0	01/01/94	12/31/96	0.2178
41207030	100247	01/01/94	12/31/96	0.0988
41208100	0	01/01/94	12/31/96	0.2624
41208100	100351	01/01/94	12/31/96	0.2702
41209000	0	01/01/94	12/31/96	0.1435
41209000	201792	01/01/94	12/31/96	0.1435
41210000	0	01/01/94	12/31/96	0.1075
41210090	0	01/01/94	12/31/96	0.3012
41210100	0	01/01/94	12/31/96	0.2097
41210100	100811	01/01/94	12/31/96	0.2093
41210110	0	01/01/94	12/31/96	0.3519
41210120	0	01/01/94	12/31/96	0.3197
41210150	0	01/01/94	12/31/96	0.3452
41210150	201880	01/01/94	12/31/96	0.3512
41210160	0	01/01/94	12/31/96	0.1997
41210170	0	01/01/94	12/31/96	0.1998
41210180	0	01/01/94	12/31/96	0.1997
41210190	0	01/01/94	12/31/96	0.1980
41210200	0	01/01/94	12/31/96	0.2908
41301000	0	01/01/94	12/31/96	0.3017
41301010	0	01/01/94	12/31/96	0.3017

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41301010	100534	01/01/94	12/31/96	0.3065
41301010	200985	01/01/94	12/31/96	0.3065
41301010	200996	01/01/94	12/31/96	0.3065
41301010	202460	01/01/94	12/31/96	0.3065
41301010	202519	01/01/94	12/31/96	0.3065
41301020	0	01/01/94	12/31/96	0.3279
41302000	0	01/01/94	12/31/96	0.2301
41302010	0	01/01/94	12/31/96	0.2300
41302010	101172	01/01/94	12/31/96	0.2337
41302010	201458	01/01/94	12/31/96	0.2337
41302010	202959	01/01/94	12/31/96	0.2337
41302020	0	01/01/94	12/31/96	0.2499
41303000	0	01/01/94	12/31/96	0.3261
41303010	0	01/01/94	12/31/96	0.3192
41303010	100253	01/01/94	12/31/96	0.3187
41303010	203626	01/01/94	12/31/96	0.3184
41303020	0	01/01/94	12/31/96	0.3192
41303500	0	01/01/94	12/31/96	0.2801
41303550	0	01/01/94	12/31/96	0.1981
41304030	0	01/01/94	12/31/96	0.3000
41304130	0	01/01/94	12/31/96	0.2211
41304980	0	01/01/94	12/31/96	0.3196
41304990	0	01/01/94	12/31/96	0.3196
41304990	100223	01/01/94	12/31/96	0.3198
41304990	100485	01/01/94	12/31/96	0.3198
41304990	100950	01/01/94	12/31/96	0.3199
41304990	202969	01/01/94	12/31/96	0.3198
41305000	0	01/01/94	12/31/96	0.3271
41306000	0	01/01/94	12/31/96	0.2514
41310100	0	01/01/94	12/31/96	0.2396
41310150	0	01/01/94	12/31/96	0.3666
41310160	0	01/01/94	12/31/96	0.2503
41310200	0	01/01/94	12/31/96	0.1953
41310210	0	01/01/94	12/31/96	0.2070
41310220	0	01/01/94	12/31/96	0.1917
41310310	0	01/01/94	12/31/96	0.2787
41421020	0	01/01/94	12/31/96	0.0126
41601010	0	01/01/94	12/31/96	0.6979
41601020	0	01/01/94	12/31/96	0.4691
41601020	100996	01/01/94	12/31/96	0.3064
41601030	0	01/01/94	12/31/96	0.6279
41601040	0	01/01/94	12/31/96	0.6421
41601050	0	01/01/94	12/31/96	0.3852
41601060	0	01/01/94	12/31/96	0.7251
41601070	0	01/01/94	12/31/96	0.5964
41601070	203549	01/01/94	12/31/96	0.6003
41601080	0	01/01/94	12/31/96	0.6490
41601090	0	01/01/94	12/31/96	0.5360
41601100	0	01/01/94	12/31/96	0.5645
41601130	0	01/01/94	12/31/96	1.0159
41601130	201247	01/01/94	12/31/96	1.0159
41601130	202700	01/01/94	12/31/96	1.0193
41601140	0	01/01/94	12/31/96	0.6948
41601140	100243	01/01/94	12/31/96	0.5155
41601140	100263	01/01/94	12/31/96	0.5356
41601170	0	01/01/94	12/31/96	0.5384
41601180	0	01/01/96	12/31/96	0.3644
41602020	0	01/01/94	12/31/96	0.6444
41602040	0	01/01/94	12/31/96	0.7777
41602050	0	01/01/94	12/31/96	0.4874
41602060	0	01/01/94	12/31/96	0.4313
41603010	0	01/01/94	12/31/96	0.6408
41603010	101157	01/01/94	12/31/96	0.6575
41603010	201651	01/01/94	12/31/96	0.6349
41603010	203557	01/01/94	12/31/96	0.6396
41603010	203716	01/01/94	12/31/96	0.6396
41610100	0	01/01/94	12/31/96	0.5625
41811950	0	01/01/94	12/31/96	0.1084
41812400	0	01/01/94	12/31/96	0.1159
41812450	0	01/01/94	12/31/96	0.1074
41812800	0	01/01/94	12/31/96	0.3339
41812900	0	01/01/94	12/31/96	0.1682
42204050	0	01/01/94	12/31/96	0.2387
42204100	0	01/01/94	12/31/96	0.7247
51134000	0	01/01/94	12/31/96	0.1123
51165060	0	01/01/94	12/31/96	0.0397
51182010	0	01/01/94	12/31/96	0.6231
51182010	100524	01/01/94	12/31/96	0.6287
51182010	200427	01/01/94	12/31/96	0.6236
51182010	200492	01/01/94	12/31/96	0.6231
51182010	202256	01/01/94	12/31/96	0.6278
51182010	203007	01/01/94	12/31/96	0.6289
51201060	0	01/01/94	12/31/96	0.1885
51220030	0	01/01/94	12/31/96	0.2343
51220040	0	01/01/94	12/31/96	0.1913

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51300140	0	01/01/94	12/31/96	0.2668
51300150	0	01/01/94	12/31/96	0.2668
51300180	0	01/01/94	12/31/96	0.2761
51301040	0	01/01/94	12/31/96	0.2656
51301050	0	01/01/94	12/31/96	0.2047
51301540	0	01/01/94	12/31/96	0.2653
51301550	0	01/01/94	12/31/96	0.2046
51320040	0	01/01/94	12/31/96	0.2357
52101040	0	01/01/94	12/31/96	0.4550
52101050	0	01/01/94	12/31/96	0.4550
52207010	0	01/01/94	12/31/96	0.4411
52207010	203253	01/01/94	12/31/96	0.4411
52208010	0	01/01/94	12/31/96	0.4621
52208020	0	01/01/94	12/31/96	0.4361
52208750	0	01/01/94	12/31/96	0.2176
52208760	0	01/01/94	12/31/96	0.1919
52209010	0	01/01/94	12/31/96	0.1857
52211010	0	01/01/94	12/31/96	0.0100
52220110	0	01/01/94	12/31/96	0.0501
52306500	0	01/01/94	12/31/96	0.0268
52308010	0	01/01/94	12/31/96	0.1181
52404060	0	01/01/94	12/31/96	0.0299
53100050	0	01/01/94	12/31/96	0.1064
53100070	0	01/01/94	12/31/96	0.2360
53101000	0	01/01/94	12/31/96	0.2992
53101100	0	01/01/94	12/31/96	0.2992
53101200	0	01/01/94	12/31/96	0.2422
53101250	0	01/01/94	12/31/96	0.1388
53101300	0	01/01/94	12/31/96	0.2991
53102500	0	01/01/94	12/31/96	0.0270
53102700	0	01/01/94	12/31/96	0.0270
53103500	0	01/01/94	12/31/96	0.0884
53103550	0	01/01/94	12/31/96	0.1339
53103600	0	01/01/94	12/31/96	0.0884
53104400	0	01/01/94	12/31/96	0.0282
53104900	0	01/01/94	12/31/96	0.1039
53104920	0	01/01/94	12/31/96	0.1833
53104950	0	01/01/94	12/31/96	0.1039
53105000	0	01/01/94	12/31/96	0.1181
53105100	0	01/01/94	12/31/96	0.1940
53105200	0	01/01/94	12/31/96	0.1181
53105300	0	01/01/94	12/31/96	0.1377
53105600	0	01/01/94	12/31/96	0.1831
53105700	0	01/01/94	12/31/96	1.0000
53105750	0	01/01/94	12/31/96	0.1957
53105900	0	01/01/94	12/31/96	0.1387
53106000	0	01/01/94	12/31/96	0.2089
53106050	0	01/01/94	12/31/96	0.1387
53106100	0	01/01/94	12/31/96	0.2259
53107100	0	01/01/94	12/31/96	0.0049
53107200	0	01/01/94	12/31/96	0.0022
53108000	0	01/01/94	12/31/96	0.1076
53108100	0	01/01/94	12/31/96	0.1778
53109000	0	01/01/94	12/31/96	0.1120
53109100	0	01/01/94	12/31/96	0.1911
53109300	0	01/01/94	12/31/96	0.0194
53111000	0	01/01/94	12/31/96	0.2507
53113950	0	01/01/94	12/31/96	0.1979
53114000	0	01/01/94	12/31/96	0.1315
53114100	0	01/01/94	12/31/96	0.1184
53115000	0	01/01/94	12/31/96	0.1129
53115100	0	01/01/94	12/31/96	0.1690
53115200	0	01/01/94	12/31/96	0.1129
53115300	0	01/01/94	12/31/96	0.1967
53115310	0	01/01/94	12/31/96	0.1546
53115320	0	01/01/94	12/31/96	0.2315
53116000	0	01/01/94	12/31/96	0.0006
53116500	0	01/01/94	12/31/96	0.0608
53116550	0	01/01/94	12/31/96	0.1341
53116560	0	01/01/94	12/31/96	0.1147
53117000	0	01/01/94	12/31/96	0.1464
53117100	0	01/01/94	12/31/96	0.1679
53117200	0	01/01/94	12/31/96	0.1627
53118410	0	01/01/94	12/31/96	0.1382
53118600	0	01/01/94	12/31/96	0.0848
53118700	0	01/01/94	12/31/96	0.1031
53118800	0	01/01/94	12/31/96	0.0824
53120000	0	01/01/94	12/31/96	0.0760
53120100	0	01/01/94	12/31/96	0.1929
53120200	0	01/01/94	12/31/96	0.2398
53120300	0	01/01/94	12/31/96	0.1328
53120330	0	01/01/94	12/31/96	0.1998
53120350	0	01/01/94	12/31/96	0.1328
53121000	0	01/01/94	12/31/96	0.1279
53121100	0	01/01/94	12/31/96	0.2123

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53121200	0	01/01/94	12/31/96	0.1279
53121280	0	01/01/94	12/31/96	0.1275
53121300	0	01/01/94	12/31/96	0.1917
53121330	0	01/01/94	12/31/96	0.1275
53202000	0	01/01/94	12/31/96	0.0016
53204000	0	01/01/94	12/31/96	0.1327
53204000	100462	01/01/94	12/31/96	0.1320
53204500	0	01/01/94	12/31/96	0.0819
53206550	0	01/01/94	12/31/96	0.0021
53215500	0	01/01/94	12/31/96	0.0028
53216000	0	01/01/94	12/31/96	0.0028
53228000	0	01/01/94	12/31/96	0.0032
53231000	0	01/01/94	12/31/96	0.0156
53236100	0	01/01/94	12/31/96	0.0019
53246000	0	01/01/94	12/31/96	0.0028
53300170	0	01/01/94	12/31/96	0.1200
53301070	0	01/01/94	12/31/96	0.1289
53301500	0	01/01/94	12/31/96	0.1377
53302000	0	01/01/94	12/31/96	0.0420
53302070	0	01/01/94	12/31/96	0.0474
53302080	0	01/01/94	12/31/96	0.0151
53303000	0	01/01/94	12/31/96	0.0750
53303070	0	01/01/94	12/31/96	0.0689
53303500	0	01/01/94	12/31/96	0.0824
53303510	0	01/01/94	12/31/96	0.0489
53303570	0	01/01/94	12/31/96	0.0751
53304050	0	01/01/94	12/31/96	0.0273
53304070	0	01/01/94	12/31/96	0.0686
53305010	0	01/01/94	12/31/96	0.0248
53305070	0	01/01/94	12/31/96	0.0553
53305700	0	01/01/94	12/31/96	0.0301
53305720	0	01/01/94	12/31/96	0.0335
53305750	0	01/01/94	12/31/96	0.2391
53306000	0	01/01/94	12/31/96	0.0872
53306070	0	01/01/94	12/31/96	0.3017
53307000	0	01/01/94	12/31/96	0.2769
53307050	0	01/01/94	12/31/96	0.0242
53307070	0	01/01/94	12/31/96	0.0460
53307080	0	01/01/94	12/31/96	0.0147
53307500	0	01/01/94	12/31/96	0.1165
53307570	0	01/01/94	12/31/96	0.1067
53308000	0	01/01/94	12/31/96	0.1349
53308070	0	01/01/94	12/31/96	0.1313
53308300	0	01/01/94	12/31/96	0.0392
53308500	0	01/01/94	12/31/96	0.0332
53309000	0	01/01/94	12/31/96	0.3844
53309070	0	01/01/94	12/31/96	0.3280
53310000	0	01/01/94	12/31/96	0.0721
53310050	0	01/01/94	12/31/96	0.1591
53311000	0	01/01/94	12/31/96	0.0820
53311050	0	01/01/94	12/31/96	0.0725
53311070	0	01/01/94	12/31/96	0.0840
53312000	0	01/01/94	12/31/96	0.0311
53313000	0	01/01/94	12/31/96	0.0635
53314000	0	01/01/94	12/31/96	0.0401
53340000	0	01/01/94	12/31/96	0.0220
53340500	0	01/01/94	12/31/96	0.0126
53341000	0	01/01/94	12/31/96	0.0316
53341070	0	01/01/94	12/31/96	0.0299
53341500	0	01/01/94	12/31/96	0.0176
53341750	0	01/01/94	12/31/96	0.0322
53342000	0	01/01/94	12/31/96	0.0353
53342000	201424	01/01/94	12/31/96	0.0354
53342070	0	01/01/94	12/31/96	0.0416
53343070	0	01/01/94	12/31/96	0.0298
53344070	0	01/01/94	12/31/96	0.0319
53345000	0	01/01/94	12/31/96	0.0173
53345070	0	01/01/94	12/31/96	0.0240
53346000	0	01/01/94	12/31/96	0.0166
53346500	0	01/01/94	12/31/96	0.1436
53347070	0	01/01/94	12/31/96	0.0275
53347100	0	01/01/94	12/31/96	0.0194
53347500	0	01/01/94	12/31/96	0.0354
53347600	0	01/01/94	12/31/96	0.0203
53348000	0	01/01/94	12/31/96	0.3692
53348070	0	01/01/94	12/31/96	0.1745
53360000	0	01/01/94	12/31/96	0.0180
53365000	0	01/01/94	12/31/96	0.0315
53370000	0	01/01/94	12/31/96	0.1074
53371000	0	01/01/94	12/31/96	0.1766
53371100	0	01/01/94	12/31/96	0.0939
53373000	0	01/01/94	12/31/96	0.0339
53381070	0	01/01/94	12/31/96	0.3141
53385070	0	01/01/94	12/31/96	0.0432
53385500	0	01/01/94	12/31/96	0.0190

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53386000	0	01/01/94	12/31/96	0.0338
53387000	0	01/01/94	12/31/96	0.0134
53390000	0	01/01/94	12/31/96	0.2380
53400200	0	01/01/94	12/31/96	0.0747
53400200	202289	01/01/94	12/31/96	0.0746
53410100	0	01/01/94	12/31/96	0.0959
53410860	0	01/01/94	12/31/96	0.1074
53415100	0	01/01/94	12/31/96	0.0468
53420000	0	01/01/94	12/31/96	0.1570
53420100	0	01/01/94	12/31/96	0.1445
53420200	0	01/01/94	12/31/96	0.1570
53420300	0	01/01/94	12/31/96	0.2262
53420310	0	01/01/94	12/31/96	0.1751
53420400	0	01/01/94	12/31/96	0.2437
53420410	0	01/01/94	12/31/96	0.1802
53430250	0	01/01/94	12/31/96	0.0506
53430700	0	01/01/94	12/31/96	0.3313
53430750	0	01/01/94	12/31/96	0.2223
53441210	0	01/01/94	12/31/96	0.0499
53450300	0	01/01/94	12/31/96	0.0492
53450500	0	01/01/94	12/31/96	0.0434
53450800	0	01/01/94	12/31/96	0.5987
53451000	0	01/01/94	12/31/96	0.0502
53451500	0	01/01/94	12/31/96	0.1663
53451750	0	01/01/94	12/31/96	0.0334
53452100	0	01/01/94	12/31/96	0.0321
53452150	0	01/01/94	12/31/96	0.3907
53452450	0	01/01/94	12/31/96	0.2301
53453150	0	01/01/94	12/31/96	0.0601
53453170	0	01/01/94	12/31/96	0.1506
53520200	0	01/01/94	12/31/96	0.1885
53521300	0	01/01/94	12/31/96	0.1038
53521400	0	01/01/94	12/31/96	0.1949
53610000	0	01/01/94	12/31/96	0.1964
53610100	0	01/01/94	12/31/96	0.1964
53610200	0	01/01/94	12/31/96	0.1627
55105100	0	01/01/94	12/31/96	0.3144
55105300	0	01/01/94	12/31/96	0.4498
55310100	0	01/01/94	12/31/96	0.1405
55501000	0	01/01/94	12/31/96	0.4325
55502000	0	01/01/94	12/31/96	0.7799
55701000	0	01/01/94	12/31/96	0.7390
55702000	0	01/01/94	12/31/96	0.3202
55703000	0	01/01/94	12/31/96	0.5753
56101000	0	01/01/94	12/31/96	0.6161
56101010	0	01/01/94	12/31/96	0.6161
56101030	0	01/01/94	12/31/96	0.5965
56101030	100587	01/01/94	12/31/96	0.5963
56101030	100687	01/01/94	12/31/96	0.5972
56101030	100848	01/01/94	12/31/96	0.5964
56101030	200303	01/01/94	12/31/96	0.5972
56101030	200582	01/01/94	12/31/96	0.5974
56101030	200676	01/01/94	12/31/96	0.5964
56101030	200710	01/01/94	12/31/96	0.5972
56101030	201261	01/01/94	12/31/96	0.5960
56101030	201700	01/01/94	12/31/96	0.5972
56101030	203004	01/01/94	12/31/96	0.5963
56102000	0	01/01/94	12/31/96	0.6416
56102010	0	01/01/94	12/31/96	0.6416
56102020	0	01/01/94	12/31/96	0.6213
56103000	0	01/01/94	12/31/96	0.6300
56103010	0	01/01/94	12/31/96	0.6300
56103020	0	01/01/94	12/31/96	0.6081
56104000	0	01/01/94	12/31/96	0.6537
56104010	0	01/01/94	12/31/96	0.6537
56104020	0	01/01/94	12/31/96	0.6316
56104020	101158	01/01/94	12/31/96	0.6316
56104020	203201	01/01/94	12/31/96	0.6316
56112000	0	01/01/94	12/31/96	0.6489
56112010	0	01/01/94	12/31/96	0.6489
56112030	0	01/01/94	12/31/96	0.6313
56112030	100345	01/01/94	12/31/96	0.6307
56112030	100795	01/01/94	12/31/96	0.6328
56112030	101042	01/01/94	12/31/96	0.6328
56112030	200030	01/01/94	12/31/96	0.6312
56112030	200078	01/01/94	12/31/96	0.6308
56112030	200103	01/01/94	12/31/96	0.6320
56112030	200201	01/01/94	12/31/96	0.6319
56112030	200319	01/01/94	12/31/96	0.6329
56112030	202024	01/01/94	12/31/96	0.6319
56112030	202044	01/01/94	12/31/96	0.6310
56112030	202090	01/01/94	12/31/96	0.6319
56112030	202921	01/01/94	12/31/96	0.6319
56112030	203069	01/01/94	12/31/96	0.6312
56113000	0	01/01/94	12/31/96	0.6551

Food code	Modcode	Start date	End date	G_i
56113010	0	01/01/94	12/31/96	0.6416
56113990	0	01/01/94	12/31/96	0.6477
56114000	0	01/01/94	12/31/96	0.6726
56114020	0	01/01/94	12/31/96	0.6301
56114020	201735	01/01/94	12/31/96	0.6300
56114020	201736	01/01/94	12/31/96	0.6298
56116990	0	01/01/94	12/31/96	0.7600
56117000	0	01/01/94	12/31/96	0.7600
56117010	0	01/01/94	12/31/96	0.7374
56117010	101115	01/01/94	12/31/96	0.7374
56117090	0	01/01/94	12/31/96	1.4126
56117100	0	01/01/94	12/31/96	1.4126
56117110	0	01/01/94	12/31/96	1.3722
56117110	203714	01/01/94	12/31/96	1.3722
56117110	203715	01/01/94	12/31/96	1.3722
56130000	0	01/01/94	12/31/96	0.6174
56130010	0	01/01/94	12/31/96	0.6174
56131000	0	01/01/94	12/31/96	0.5978
56131000	100075	01/01/94	12/31/96	0.5984
56131000	100104	01/01/94	12/31/96	0.5984
56131000	100124	01/01/94	12/31/96	0.5984
56131000	100646	01/01/94	12/31/96	0.5994
56131000	100765	01/01/94	12/31/96	0.5984
56131000	100889	01/01/94	12/31/96	0.5986
56131000	200049	01/01/94	12/31/96	0.5984
56131000	200239	01/01/94	12/31/96	0.5986
56131000	200374	01/01/94	12/31/96	0.5972
56131000	200797	01/01/94	12/31/96	0.5984
56131000	201426	01/01/94	12/31/96	0.5977
56131000	202235	01/01/94	12/31/96	0.5975
56131000	203018	01/01/94	12/31/96	0.5994
56131000	203312	01/01/94	12/31/96	0.5984
56132000	0	01/01/94	12/31/96	0.5564
56132990	0	01/01/94	12/31/96	0.6416
56133000	0	01/01/94	12/31/96	0.6416
56133010	0	01/01/94	12/31/96	0.6213
56139990	0	01/01/94	12/31/96	0.6460
56140000	0	01/01/94	12/31/96	0.6490
56200300	0	01/01/94	12/31/96	0.8369
56200350	0	01/01/94	12/31/96	0.8401
56200390	0	01/01/94	12/31/96	0.6499
56200400	0	01/01/94	12/31/96	0.6499
56200490	0	01/01/94	12/31/96	0.7312
56200500	0	01/01/94	12/31/96	0.7312
56200510	0	01/01/94	12/31/96	0.6979
56200990	0	01/01/94	12/31/96	0.8758
56201000	0	01/01/94	12/31/96	0.8787
56201010	0	01/01/94	12/31/96	0.8758
56201020	0	01/01/94	12/31/96	0.8409
56201020	200206	01/01/94	12/31/96	0.8407
56201020	200510	01/01/94	12/31/96	0.8419
56201020	200701	01/01/94	12/31/96	0.8430
56201030	0	01/01/94	12/31/96	0.8787
56201040	0	01/01/94	12/31/96	0.8409
56201040	202296	01/01/94	12/31/96	0.8407
56201060	0	01/01/94	12/31/96	0.7852
56201110	0	01/01/94	12/31/96	0.8401
56201120	0	01/01/94	12/31/96	0.8007
56201120	200697	01/01/94	12/31/96	0.8004
56201120	202470	01/01/94	12/31/96	0.8020
56201120	203248	01/01/94	12/31/96	0.8007
56201120	203354	01/01/94	12/31/96	0.8048
56201130	0	01/01/94	12/31/96	0.8438
56201210	0	01/01/94	12/31/95	0.8375
56201210	0	01/01/96	12/31/96	0.8375
56201220	0	01/01/94	12/31/95	0.7853
56201220	0	01/01/96	12/31/96	0.7853
56201220	101118	01/01/94	12/31/96	0.7845
56201220	200611	01/01/94	12/31/96	0.7850
56201220	202125	01/01/94	12/31/96	0.7869
56201220	202127	01/01/94	12/31/96	0.7869
56201230	0	01/01/94	12/31/95	0.8375
56201230	0	01/01/96	12/31/96	0.8375
56201240	0	01/01/94	12/31/96	0.8095
56201240	202401	01/01/94	12/31/96	0.0006
56201250	0	01/01/94	12/31/96	0.7607
56201250	100871	01/01/94	12/31/96	0.0006
56201250	201828	01/01/94	12/31/96	0.7604
56201260	0	01/01/94	12/31/96	0.8095
56201510	0	01/01/94	12/31/96	0.7577
56201520	0	01/01/94	12/31/96	0.6398
56201540	0	01/01/94	12/31/96	0.4968
56201600	0	01/01/94	12/31/96	0.7415
56201990	0	01/01/94	12/31/96	0.6840
56202000	0	01/01/94	12/31/96	0.6840

Food code	Modcode	Start date	End date	G_i
56202100	0	01/01/94	12/31/96	0.6491
56202500	0	01/01/94	12/31/96	0.7292
56202960	0	01/01/94	12/31/96	0.8369
56202970	0	01/01/94	12/31/96	0.8369
56202980	0	01/01/94	12/31/96	0.8369
56203000	0	01/01/94	12/31/96	0.8369
56203010	0	01/01/94	12/31/96	0.8369
56203020	0	01/01/94	12/31/96	0.8369
56203030	0	01/01/94	12/31/96	0.7381
56203040	0	01/01/94	12/31/96	0.8067
56203050	0	01/01/94	12/31/96	0.8067
56203050	200205	01/01/94	12/31/96	0.8065
56203050	200546	01/01/94	12/31/96	0.8077
56203050	202566	01/01/94	12/31/96	0.8071
56203050	202886	01/01/94	12/31/96	0.8096
56203050	203497	01/01/94	12/31/96	0.8065
56203060	0	01/01/94	12/31/96	0.8067
56203060	100692	01/01/94	12/31/96	0.8071
56203060	201878	01/01/94	12/31/96	0.8065
56203060	202188	01/01/94	12/31/96	0.8065
56203070	0	01/01/94	12/31/96	0.6925
56203070	200148	01/01/94	12/31/96	0.6922
56203080	0	01/01/94	12/31/96	0.7381
56203090	0	01/01/94	12/31/96	0.6695
56203100	0	01/01/94	12/31/96	0.6200
56203100	201498	01/01/94	12/31/96	0.6198
56203110	0	01/01/94	12/31/96	0.8076
56203120	0	01/01/94	12/31/96	0.7611
56203140	0	01/01/94	12/31/96	0.8452
56203200	0	01/01/94	12/31/96	0.7731
56203540	0	01/01/94	12/31/96	0.4016
56203600	0	01/01/95	12/31/96	0.8401
56203610	0	01/01/95	12/31/96	0.8099
56203620	0	01/01/95	12/31/96	0.8138
56204980	0	01/01/94	12/31/96	0.6879
56204990	0	01/01/94	12/31/96	0.6369
56205000	0	01/01/94	12/31/96	0.6369
56205010	0	01/01/94	12/31/96	0.6369
56205020	0	01/01/94	12/31/96	0.6958
56205030	0	01/01/94	12/31/96	0.6958
56205040	0	01/01/94	12/31/96	0.6879
56205050	0	01/01/94	12/31/96	0.8583
56205070	0	01/01/94	12/31/96	0.5979
56205080	0	01/01/94	12/31/96	0.3974
56205090	0	01/01/94	12/31/96	0.9587
56205110	0	01/01/94	12/31/96	0.6944
56205120	0	01/01/94	12/31/96	0.6944
56205130	0	01/01/94	12/31/96	0.7112
56205150	0	01/01/94	12/31/96	0.7290
56205170	0	01/01/94	12/31/96	0.7112
56205170	100065	01/01/94	12/31/96	0.7113
56205170	200798	01/01/94	12/31/96	0.7113
56205170	200826	01/01/94	12/31/96	0.7113
56205170	201429	01/01/94	12/31/96	0.7111
56205190	0	01/01/94	12/31/96	0.7390
56205210	0	01/01/94	12/31/96	0.7109
56205240	0	01/01/94	12/31/96	0.5010
56205300	0	01/01/94	12/31/96	0.7291
56205310	0	01/01/94	12/31/96	0.7284
56205320	0	01/01/94	12/31/96	0.7110
56205320	101133	01/01/94	12/31/96	0.7110
56205330	0	01/01/94	12/31/96	0.7110
56205340	0	01/01/94	12/31/96	0.7104
56205350	0	01/01/94	12/31/96	0.7104
56205400	0	01/01/94	12/31/96	0.6014
56205400	100098	01/01/94	12/31/96	0.6012
56205400	200334	01/01/94	12/31/96	0.6025
56205400	200590	01/01/94	12/31/96	0.6045
56205400	202789	01/01/94	12/31/96	0.6028
56205410	0	01/01/94	12/31/96	0.4930
56205420	0	01/01/94	12/31/96	0.6014
56205420	100525	01/01/94	12/31/96	0.6028
56205420	200056	01/01/94	12/31/96	0.6012
56205420	200124	01/01/94	12/31/96	0.6043
56205420	200263	01/01/94	12/31/96	0.6028
56205420	200333	01/01/94	12/31/96	0.6025
56205420	200371	01/01/94	12/31/96	0.6025
56205420	200424	01/01/94	12/31/96	0.6009
56205420	200575	01/01/94	12/31/96	0.6025
56205420	200926	01/01/94	12/31/96	0.6043
56205420	201116	01/01/94	12/31/96	0.6025
56205420	201193	01/01/94	12/31/96	0.6009
56205420	201246	01/01/94	12/31/96	0.6045
56205420	201315	01/01/94	12/31/96	0.6005
56205420	201329	01/01/94	12/31/96	0.6045

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56205420	201888	01/01/94	12/31/96	0.6012
56205420	202219	01/01/94	12/31/96	0.6043
56205420	202524	01/01/94	12/31/96	0.6045
56205420	202596	01/01/94	12/31/96	0.6003
56205420	202629	01/01/94	12/31/96	0.6025
56205430	0	01/01/94	12/31/96	0.6586
56205430	100022	01/01/94	12/31/96	0.6584
56205430	100731	01/01/94	12/31/96	0.6616
56205430	200369	01/01/94	12/31/96	0.6581
56205430	201200	01/01/94	12/31/96	0.6584
56205430	201727	01/01/94	12/31/96	0.6601
56205430	201979	01/01/94	12/31/96	0.6598
56205430	203217	01/01/94	12/31/96	0.6598
56205430	203757	01/01/94	12/31/96	0.6576
56205440	0	01/01/94	12/31/96	0.6531
56205440	100296	01/01/94	12/31/96	0.6522
56205440	100497	01/01/94	12/31/96	0.6542
56205440	100900	01/01/94	12/31/96	0.6542
56205440	200204	01/01/94	12/31/96	0.6529
56205440	201739	01/01/94	12/31/96	0.6526
56205440	201931	01/01/94	12/31/96	0.6545
56205440	203203	01/01/94	12/31/96	0.6559
56205510	0	01/01/94	12/31/96	0.6627
56205510	100484	01/01/94	12/31/96	0.6637
56205510	100725	01/01/94	12/31/96	0.6653
56205510	200358	01/01/94	12/31/96	0.6655
56205510	200373	01/01/94	12/31/96	0.6637
56205510	200470	01/01/94	12/31/96	0.6625
56205510	200581	01/01/94	12/31/96	0.6637
56205510	200836	01/01/94	12/31/96	0.6640
56205510	201205	01/01/94	12/31/96	0.6623
56205510	202170	01/01/94	12/31/96	0.6617
56205530	0	01/01/94	12/31/96	0.6625
56205540	0	01/01/94	12/31/96	0.6944
56205550	0	01/01/94	12/31/96	0.6625
56206970	0	01/01/94	12/31/96	0.8774
56206980	0	01/01/94	12/31/96	0.8806
56206990	0	01/01/94	12/31/96	0.8774
56207000	0	01/01/94	12/31/96	0.8774
56207010	0	01/01/94	12/31/96	0.8806
56207020	0	01/01/94	12/31/96	0.8774
56207030	0	01/01/94	12/31/96	0.8445
56207050	0	01/01/94	12/31/96	0.3977
56207060	0	01/01/94	12/31/96	0.8042
56207060	203174	01/01/94	12/31/96	0.8039
56207070	0	01/01/94	12/31/96	0.8445
56207080	0	01/01/94	12/31/96	0.8425
56207100	0	01/01/94	12/31/96	0.8621
56207110	0	01/01/94	12/31/96	0.5151
56207120	0	01/01/94	12/31/96	0.4818
56207130	0	01/01/94	12/31/96	0.5151
56207140	0	01/01/94	12/31/96	0.8633
56207150	0	01/01/94	12/31/96	0.6967
56207160	0	01/01/94	12/31/96	0.6967
56207180	0	01/01/94	12/31/96	0.6573
56207180	100633	01/01/94	12/31/96	0.6573
56207180	203150	01/01/94	12/31/96	0.6591
56207190	0	01/01/94	12/31/96	0.8633
56207200	0	01/01/94	12/31/96	0.8633
56207210	0	01/01/94	12/31/96	0.8293
56207210	202982	01/01/94	12/31/96	0.8302
56207220	0	01/01/94	12/31/96	0.8454
56207220	200495	01/01/94	12/31/96	0.8455
56207220	202361	01/01/94	12/31/96	0.8452
56207230	0	01/01/94	12/31/96	0.8425
56207230	201794	01/01/94	12/31/96	0.8423
56207290	0	01/01/94	12/31/96	0.8385
56207300	0	01/01/94	12/31/96	0.7934
56207310	0	01/01/94	12/31/96	0.8633
56207330	0	01/01/94	12/31/96	0.7646
56207340	0	01/01/94	12/31/96	0.7934
56207360	0	01/01/94	12/31/96	0.8438
56207370	0	01/01/94	12/31/96	0.8438
56208000	0	01/01/94	12/31/96	0.7540
56208010	0	01/01/94	12/31/96	0.9579
56208020	0	01/01/94	12/31/96	0.9579
56208500	0	01/01/94	12/31/96	0.8624
56208510	0	01/01/94	12/31/96	0.8285
56208520	0	01/01/94	12/31/96	0.8624
56208600	0	01/01/94	12/31/96	0.8069
56209000	0	01/01/94	12/31/96	0.8790
56210000	0	01/01/94	12/31/96	0.7878
58100300	0	01/01/94	12/31/96	0.1563
58100330	0	01/01/94	12/31/96	0.0207
58100330	100624	01/01/94	12/31/96	0.0227

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58100360	0	01/01/94	12/31/96	0.3344
58100370	0	01/01/94	12/31/96	0.3954
58101820	0	01/01/94	12/31/96	0.0415
58101830	0	01/01/94	12/31/96	0.0466
58101910	0	01/01/94	12/31/96	0.0393
58101910	201254	01/01/94	12/31/96	0.0393
58103110	0	01/01/94	12/31/96	0.2891
58103110	100141	01/01/94	12/31/96	0.2891
58103110	100743	01/01/94	12/31/96	0.2891
58103110	200132	01/01/94	12/31/96	0.2891
58103250	0	01/01/94	12/31/96	0.4716
58103310	0	01/01/94	12/31/96	0.4674
58103310	101032	01/01/94	12/31/96	0.4666
58103310	101166	01/01/94	12/31/96	0.4669
58104600	0	01/01/94	12/31/96	0.1274
58106210	0	01/01/94	12/31/96	0.1215
58106210	100946	01/01/94	12/31/96	0.1037
58106310	0	01/01/94	12/31/96	0.1009
58106320	0	01/01/94	12/31/96	0.1009
58106320	100123	01/01/94	12/31/96	0.0888
58106320	100226	01/01/94	12/31/96	0.1008
58106360	0	01/01/94	12/31/96	0.1471
58106510	0	01/01/94	12/31/96	0.1039
58106520	0	01/01/94	12/31/96	0.1039
58106520	100072	01/01/94	12/31/96	0.1076
58106520	100184	01/01/94	12/31/96	0.0905
58106710	0	01/01/94	12/31/96	0.0893
58106710	100942	01/01/94	12/31/96	0.0796
58106720	0	01/01/94	12/31/96	0.0893
58106720	100362	01/01/94	12/31/96	0.0796
58106740	0	01/01/94	12/31/96	0.0907
58106750	0	01/01/94	12/31/96	0.0907
58106760	0	01/01/94	12/31/96	0.1310
58106900	0	01/01/94	12/31/96	0.1343
58106910	0	01/01/94	12/31/96	0.1343
58106920	0	01/01/94	12/31/96	0.1618
58107050	0	01/01/94	12/31/96	0.1578
58107210	0	01/01/94	12/31/96	0.1377
58107220	0	01/01/94	12/31/96	0.1377
58107230	0	01/01/94	12/31/96	0.1447
58108030	0	01/01/94	12/31/96	0.2539
58108040	0	01/01/94	12/31/96	0.2559
58110110	0	01/01/94	12/31/96	0.3761
58110120	0	01/01/94	12/31/96	0.3874
58110130	0	01/01/94	12/31/96	0.3612
58110130	201535	01/01/94	12/31/96	0.3612
58110130	202786	01/01/94	12/31/96	0.3610
58110170	0	01/01/94	12/31/96	0.4310
58111200	0	01/01/94	12/31/96	0.0873
58112110	0	01/01/94	12/31/96	0.0612
58112510	0	01/01/94	12/31/96	0.0946
58112510	100999	01/01/94	12/31/96	0.0946
58113110	0	01/01/94	12/31/96	0.0650
58115110	0	01/01/94	12/31/96	0.2065
58115210	0	01/01/94	12/31/96	0.0643
58116210	0	01/01/94	12/31/96	0.0223
58116310	0	01/01/94	12/31/96	0.1577
58116410	0	01/01/94	12/31/96	0.3076
58117110	0	01/01/94	12/31/96	0.4952
58117210	0	01/01/94	12/31/96	0.2008
58117310	0	01/01/94	12/31/96	0.3453
58120120	0	01/01/94	12/31/96	0.0863
58121410	0	01/01/94	12/31/96	0.4696
58121510	0	01/01/94	12/31/96	0.0689
58121510	100364	01/01/94	12/31/96	0.0655
58121510	202857	01/01/94	12/31/96	0.0655
58122210	0	01/01/94	12/31/96	0.3408
58123110	0	01/01/94	12/31/96	0.3274
58123120	0	01/01/94	12/31/96	0.1756
58124110	0	01/01/94	12/31/96	0.1930
58125110	0	01/01/94	12/31/96	0.0291
58125110	100851	01/01/94	12/31/96	0.0296
58125120	0	01/01/94	12/31/96	0.0214
58125120	200843	01/01/94	12/31/96	0.0214
58125120	203099	01/01/94	12/31/96	0.0217
58125180	0	01/01/94	12/31/96	0.0284
58126000	0	01/01/94	12/31/96	0.1810
58126110	0	01/01/94	12/31/96	0.0710
58126120	0	01/01/94	12/31/96	0.0466
58126120	100768	01/01/94	12/31/96	0.0457
58126140	0	01/01/94	12/31/96	0.1264
58126180	0	01/01/94	12/31/96	0.0546
58126270	0	01/01/94	12/31/96	0.0637
58126310	0	01/01/94	12/31/96	0.0430
58128110	0	01/01/94	12/31/96	0.3901

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58128120	0	01/01/94	12/31/96	0.0705
58128210	0	01/01/94	12/31/96	0.1132
58128220	0	01/01/94	12/31/96	0.1286
58128250	0	01/01/94	12/31/96	0.1215
58128250	203763	01/01/94	12/31/96	0.1215
58130010	0	01/01/94	12/31/96	0.2351
58130010	100225	01/01/94	12/31/96	0.2348
58130010	100323	01/01/94	12/31/96	0.2357
58130010	100456	01/01/94	12/31/96	0.2332
58130010	100468	01/01/94	12/31/96	0.2353
58130010	100600	01/01/94	12/31/96	0.2340
58130010	100631	01/01/94	12/31/96	0.2343
58130010	100681	01/01/94	12/31/96	0.2349
58130010	200987	01/01/94	12/31/96	0.2351
58130010	201239	01/01/94	12/31/96	0.2356
58130010	201716	01/01/94	12/31/96	0.2355
58130010	201991	01/01/94	12/31/96	0.2350
58130010	202083	01/01/94	12/31/96	0.2355
58130010	202087	01/01/94	12/31/96	0.2353
58130010	202145	01/01/94	12/31/96	0.2346
58130010	202580	01/01/94	12/31/96	0.2338
58130010	202687	01/01/94	12/31/96	0.2342
58130010	202998	01/01/94	12/31/96	0.2352
58130010	203295	01/01/94	12/31/96	0.2358
58130010	203398	01/01/94	12/31/96	0.2359
58130010	203672	01/01/94	12/31/96	0.2329
58130020	0	01/01/94	12/31/96	0.2171
58130150	0	01/01/94	12/31/96	0.2170
58130310	0	01/01/94	12/31/96	0.2630
58130310	200077	01/01/94	12/31/96	0.2636
58130320	0	01/01/94	12/31/96	0.2406
58130320	100909	01/01/94	12/31/96	0.2408
58130320	202985	01/01/94	12/31/96	0.2412
58130610	0	01/01/94	12/31/96	0.2445
58130810	0	01/01/94	12/31/96	0.2735
58131100	0	01/01/94	12/31/96	0.0280
58131110	0	01/01/94	12/31/96	0.0891
58131310	0	01/01/94	12/31/96	0.0260
58131310	202452	01/01/94	12/31/96	0.0260
58131310	203158	01/01/94	12/31/96	0.0260
58131320	0	01/01/94	12/31/96	0.0854
58131320	201272	01/01/94	12/31/96	0.0854
58131320	202035	01/01/94	12/31/96	0.0854
58131510	0	01/01/94	12/31/96	0.0294
58131510	201301	01/01/94	12/31/96	0.0313
58131520	0	01/01/94	12/31/96	0.0914
58131530	0	01/01/94	12/31/96	0.0846
58131600	0	01/01/94	12/31/96	0.0196
58132110	0	01/01/94	12/31/96	0.2625
58132310	0	01/01/94	12/31/96	0.1603
58132310	100548	01/01/94	12/31/96	0.1602
58132310	100742	01/01/94	12/31/96	0.1603
58132310	101011	01/01/94	12/31/96	0.1601
58132310	200434	01/01/94	12/31/96	0.1603
58132310	200855	01/01/94	12/31/96	0.1603
58132310	201455	01/01/94	12/31/96	0.1602
58132310	202057	01/01/94	12/31/96	0.1602
58132350	0	01/01/94	12/31/96	0.2728
58132360	0	01/01/94	12/31/96	0.1665
58132710	0	01/01/94	12/31/96	0.2132
58132800	0	01/01/94	12/31/96	0.4172
58132810	0	01/01/94	12/31/96	0.3284
58132820	0	01/01/94	12/31/96	0.4172
58132820	101043	01/01/94	12/31/96	0.4155
58132910	0	01/01/94	12/31/96	0.2131
58133110	0	01/01/94	12/31/96	0.0370
58133120	0	01/01/94	12/31/96	0.1898
58133120	101079	01/01/94	12/31/96	0.1914
58133130	0	01/01/94	12/31/96	0.1776
58133130	202209	01/01/94	12/31/96	0.1760
58133140	0	01/01/94	12/31/96	0.1898
58134110	0	01/01/94	12/31/96	0.0421
58134120	0	01/01/94	12/31/96	0.2060
58134120	100340	01/01/94	12/31/96	0.2060
58134130	0	01/01/94	12/31/96	0.1920
58134160	0	01/01/94	12/31/96	0.0520
58134210	0	01/01/94	12/31/96	0.1051
58134310	0	01/01/94	12/31/96	0.1053
58134610	0	01/01/94	12/31/96	0.3901
58134620	0	01/01/94	12/31/96	0.0920
58134640	0	01/01/94	12/31/96	0.1247
58134650	0	01/01/94	12/31/96	0.0261
58134660	0	01/01/94	12/31/96	0.0911
58134710	0	01/01/94	12/31/96	0.3901
58134720	0	01/01/94	12/31/96	0.0306

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58134810	0	01/01/94	12/31/96	0.1112
58135110	0	01/01/94	12/31/96	0.0713
58135110	202655	01/01/94	12/31/96	0.0711
58136110	0	01/01/94	12/31/96	0.1464
58136110	100830	01/01/94	12/31/96	0.1463
58136110	101024	01/01/94	12/31/96	0.1464
58136110	202455	01/01/94	12/31/96	0.1463
58136110	203157	01/01/94	12/31/96	0.1464
58136120	0	01/01/94	12/31/96	0.2821
58136130	0	01/01/94	12/31/96	0.1289
58140110	0	01/01/94	12/31/96	0.2838
58140310	0	01/01/94	12/31/96	0.2641
58145110	0	01/01/94	12/31/96	0.2527
58145110	100035	01/01/94	12/31/96	0.2639
58145110	100038	01/01/94	12/31/96	0.2525
58145110	100067	01/01/94	12/31/96	0.2526
58145110	100074	01/01/94	12/31/96	0.2526
58145110	100081	01/01/94	12/31/96	0.2471
58145110	100100	01/01/94	12/31/96	0.2523
58145110	100111	01/01/94	12/31/96	0.2641
58145110	100298	01/01/94	12/31/96	0.2525
58145110	100374	01/01/94	12/31/96	0.2535
58145110	100914	01/01/94	12/31/96	0.2636
58145110	100958	01/01/94	12/31/96	0.2640
58145110	101056	01/01/94	12/31/96	0.2525
58145110	101149	01/01/94	12/31/96	0.2647
58145110	101168	01/01/94	12/31/96	0.2636
58145110	200082	01/01/94	12/31/96	0.2528
58145110	200304	01/01/94	12/31/96	0.2552
58145110	200518	01/01/94	12/31/96	0.2526
58145110	200648	01/01/94	12/31/96	0.2642
58145110	200700	01/01/94	12/31/96	0.2524
58145110	200712	01/01/94	12/31/96	0.2529
58145110	200718	01/01/94	12/31/96	0.2527
58145110	200741	01/01/94	12/31/96	0.2644
58145110	200776	01/01/94	12/31/96	0.2520
58145110	200784	01/01/94	12/31/96	0.2521
58145110	200998	01/01/94	12/31/96	0.2528
58145110	201004	01/01/94	12/31/96	0.2533
58145110	201270	01/01/94	12/31/96	0.2522
58145110	201287	01/01/94	12/31/96	0.2639
58145110	201514	01/01/94	12/31/96	0.2529
58145110	201556	01/01/94	12/31/96	0.2530
58145110	201602	01/01/94	12/31/96	0.2524
58145110	201667	01/01/94	12/31/96	0.2640
58145110	201884	01/01/94	12/31/96	0.2633
58145110	201909	01/01/94	12/31/96	0.2635
58145110	201943	01/01/94	12/31/96	0.2532
58145110	202062	01/01/94	12/31/96	0.2633
58145110	202143	01/01/94	12/31/96	0.2522
58145110	202175	01/01/94	12/31/96	0.2634
58145110	202234	01/01/94	12/31/96	0.2525
58145110	202506	01/01/94	12/31/96	0.2524
58145110	202522	01/01/94	12/31/96	0.2522
58145110	202617	01/01/94	12/31/96	0.2523
58145110	202705	01/01/94	12/31/96	0.2532
58145110	202856	01/01/94	12/31/96	0.2530
58145110	202862	01/01/94	12/31/96	0.2531
58145110	202899	01/01/94	12/31/96	0.2632
58145110	202927	01/01/94	12/31/96	0.2637
58145110	202967	01/01/94	12/31/96	0.2638
58145110	203052	01/01/94	12/31/96	0.2629
58145110	203124	01/01/94	12/31/96	0.2522
58145110	203126	01/01/94	12/31/96	0.2532
58145110	203131	01/01/94	12/31/96	0.2637
58145110	203141	01/01/94	12/31/96	0.2523
58145110	203155	01/01/94	12/31/96	0.2524
58145110	203186	01/01/94	12/31/96	0.2658
58145110	203200	01/01/94	12/31/96	0.2529
58145110	203265	01/01/94	12/31/96	0.2530
58145110	203446	01/01/94	12/31/96	0.2649
58145110	203576	01/01/94	12/31/96	0.2527
58145110	203666	01/01/94	12/31/96	0.2522
58145110	203751	01/01/94	12/31/96	0.2518
58145110	203754	01/01/94	12/31/96	0.2540
58145114	0	01/01/94	12/31/96	0.4547
58145114	100040	01/01/94	12/31/96	0.4547
58145114	100042	01/01/94	12/31/96	0.4547
58145114	100079	01/01/94	12/31/96	0.4544
58145114	100090	01/01/94	12/31/96	0.4545
58145114	100092	01/01/94	12/31/96	0.5014
58145114	100094	01/01/94	12/31/96	0.5558
58145114	100106	01/01/94	12/31/96	0.5014
58145114	100126	01/01/94	12/31/96	0.6110
58145114	100158	01/01/94	12/31/96	0.4546

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58145114	100232	01/01/94	12/31/96	0.5014
58145114	100268	01/01/94	12/31/96	0.5014
58145114	100294	01/01/94	12/31/96	0.5541
58145114	100380	01/01/94	12/31/96	0.5537
58145114	100583	01/01/94	12/31/96	0.4562
58145114	101077	01/01/94	12/31/96	0.4543
58145114	200445	01/01/94	12/31/96	0.4541
58145114	200473	01/01/94	12/31/96	0.4545
58145114	200503	01/01/94	12/31/96	0.4547
58145114	200541	01/01/94	12/31/96	0.4545
58145114	200808	01/01/94	12/31/96	0.4545
58145114	201100	01/01/94	12/31/96	0.4545
58145114	201129	01/01/94	12/31/96	0.4545
58145114	201179	01/01/94	12/31/96	0.5011
58145114	201232	01/01/94	12/31/96	0.4546
58145114	201519	01/01/94	12/31/96	0.4545
58145114	201584	01/01/94	12/31/96	0.4541
58145114	201592	01/01/94	12/31/96	0.4543
58145114	201666	01/01/94	12/31/96	0.4546
58145114	201972	01/01/94	12/31/96	0.4545
58145114	201973	01/01/94	12/31/96	0.4551
58145114	202001	01/01/94	12/31/96	0.4541
58145114	202050	01/01/94	12/31/96	0.4539
58145114	202355	01/01/94	12/31/96	0.4541
58145114	202639	01/01/94	12/31/96	0.4562
58145114	202765	01/01/94	12/31/96	0.4547
58145114	203339	01/01/94	12/31/96	0.5532
58145114	203438	01/01/94	12/31/96	0.4545
58145114	203477	01/01/94	12/31/96	0.4545
58145114	203547	01/01/94	12/31/96	0.5011
58145115	0	01/01/94	12/31/96	0.5345
58145120	0	01/01/94	12/31/96	0.2214
58145120	100521	01/01/94	12/31/96	0.2214
58145120	200545	01/01/94	12/31/96	0.2214
58145120	201431	01/01/94	12/31/96	0.2215
58145120	203026	01/01/94	12/31/96	0.2214
58145130	0	01/01/94	12/31/96	0.1785
58145130	202681	01/01/94	12/31/96	0.1785
58145140	0	01/01/94	12/31/96	0.3546
58145150	0	01/01/94	12/31/96	0.2193
58145150	100993	01/01/94	12/31/96	0.2193
58145160	0	01/01/94	12/31/96	0.2034
58145160	200679	01/01/94	12/31/96	0.2032
58145170	0	01/01/94	12/31/96	0.2443
58145170	100204	01/01/94	12/31/96	0.2440
58145170	100218	01/01/94	12/31/96	0.2546
58145170	100413	01/01/94	12/31/96	0.2544
58145170	100469	01/01/94	12/31/96	0.2542
58145170	100487	01/01/94	12/31/96	0.2444
58145170	100652	01/01/94	12/31/96	0.2443
58145170	100709	01/01/94	12/31/96	0.2418
58145170	100881	01/01/94	12/31/96	0.2437
58145170	100967	01/01/94	12/31/96	0.2544
58145170	100988	01/01/94	12/31/96	0.2570
58145170	201233	01/01/94	12/31/96	0.2444
58145170	201430	01/01/94	12/31/96	0.2540
58145170	201771	01/01/94	12/31/96	0.2442
58145170	201821	01/01/94	12/31/96	0.2436
58145170	201925	01/01/94	12/31/96	0.2550
58145170	202126	01/01/94	12/31/96	0.2441
58145170	202155	01/01/94	12/31/96	0.2540
58145170	202543	01/01/94	12/31/96	0.2442
58145170	202746	01/01/94	12/31/96	0.2443
58145170	202785	01/01/94	12/31/96	0.2547
58145170	202792	01/01/94	12/31/96	0.2439
58145170	202864	01/01/94	12/31/96	0.2439
58145170	202922	01/01/94	12/31/96	0.2443
58145170	203457	01/01/94	12/31/96	0.2440
58146100	0	01/01/94	12/31/96	0.4528
58146120	0	01/01/94	12/31/96	0.0786
58146120	100541	01/01/94	12/31/96	0.0788
58146120	100744	01/01/94	12/31/96	0.0780
58146120	202202	01/01/94	12/31/96	0.0787
58146130	0	01/01/94	12/31/96	0.4447
58146150	0	01/01/94	12/31/96	0.4403
58146150	100169	01/01/94	12/31/96	0.4407
58146150	201033	01/01/94	12/31/96	0.4405
58146150	202459	01/01/94	12/31/96	0.4405
58146300	0	01/01/94	12/31/96	0.3437
58146310	0	01/01/94	12/31/96	0.3769
58147100	0	01/01/94	12/31/96	0.4150
58147110	0	01/01/94	12/31/96	0.1537
58147310	0	01/01/94	12/31/96	0.3040
58147310	100089	01/01/94	12/31/96	0.3039
58147310	100315	01/01/94	12/31/96	0.3079

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58147310	100420	01/01/94	12/31/96	0.3035
58147310	100861	01/01/94	12/31/96	0.3071
58147310	200615	01/01/94	12/31/96	0.3046
58147310	200861	01/01/94	12/31/96	0.3039
58147310	200878	01/01/94	12/31/96	0.3040
58147310	203041	01/01/94	12/31/96	0.3039
58147310	203303	01/01/94	12/31/96	0.3035
58147330	0	01/01/94	12/31/96	0.4667
58147330	101093	01/01/94	12/31/96	0.4667
58147330	201847	01/01/94	12/31/96	0.4657
58147330	203187	01/01/94	12/31/96	0.4675
58147350	0	01/01/94	12/31/96	0.2326
58148110	0	01/01/94	12/31/96	0.3669
58148110	100320	01/01/94	12/31/96	0.3701
58148110	100558	01/01/94	12/31/96	0.3669
58148110	200748	01/01/94	12/31/96	0.3675
58148110	200749	01/01/94	12/31/96	0.3669
58148110	202756	01/01/94	12/31/96	0.3677
58148110	202859	01/01/94	12/31/96	0.3625
58148110	203088	01/01/94	12/31/96	0.3637
58148110	203450	01/01/94	12/31/96	0.3637
58148120	0	01/01/94	12/31/96	0.2876
58148120	100730	01/01/94	12/31/96	0.2902
58148120	100815	01/01/94	12/31/96	0.2881
58148120	200326	01/01/94	12/31/96	0.2840
58148120	201672	01/01/94	12/31/96	0.2876
58148120	202619	01/01/94	12/31/96	0.2881
58148130	0	01/01/94	12/31/96	0.3116
58148130	202070	01/01/94	12/31/96	0.3139
58148130	202491	01/01/94	12/31/96	0.3120
58148140	0	01/01/94	12/31/96	0.3175
58148140	100659	01/01/94	12/31/96	0.3183
58148140	200570	01/01/94	12/31/96	0.3148
58148140	201317	01/01/94	12/31/96	0.3199
58148140	203037	01/01/94	12/31/96	0.3203
58148150	0	01/01/94	12/31/96	0.3197
58148150	100831	01/01/94	12/31/96	0.3221
58148160	0	01/01/94	12/31/96	0.2394
58148160	201511	01/01/94	12/31/96	0.2412
58148170	0	01/01/94	12/31/96	0.2196
58148170	100460	01/01/94	12/31/96	0.2212
58148170	100461	01/01/94	12/31/96	0.2198
58148170	100921	01/01/94	12/31/96	0.2197
58148170	203444	01/01/94	12/31/96	0.2162
58148180	0	01/01/94	12/31/96	0.2513
58148180	100446	01/01/94	12/31/96	0.2499
58148180	200459	01/01/94	12/31/96	0.2486
58148180	202350	01/01/94	12/31/96	0.2499
58148500	0	01/01/94	12/31/96	0.3173
58148500	100215	01/01/94	12/31/96	0.3212
58148500	100561	01/01/94	12/31/96	0.3182
58148500	200916	01/01/94	12/31/96	0.3217
58148500	202199	01/01/94	12/31/96	0.3173
58148500	202293	01/01/94	12/31/96	0.3173
58148500	202464	01/01/94	12/31/96	0.3208
58148500	202538	01/01/94	12/31/96	0.3162
58148500	202652	01/01/94	12/31/96	0.3139
58148500	203139	01/01/94	12/31/96	0.3173
58148500	203163	01/01/94	12/31/96	0.3150
58148500	203166	01/01/94	12/31/96	0.3126
58148550	0	01/01/94	12/31/96	0.3017
58148550	100301	01/01/94	12/31/96	0.3030
58148550	100359	01/01/94	12/31/96	0.3006
58148550	100383	01/01/94	12/31/96	0.3017
58148550	100961	01/01/94	12/31/96	0.3017
58148550	101031	01/01/94	12/31/96	0.2989
58148550	101089	01/01/94	12/31/96	0.3014
58148550	200900	01/01/94	12/31/96	0.3041
58148550	202947	01/01/94	12/31/96	0.3051
58148550	203165	01/01/94	12/31/96	0.3016
58148550	203271	01/01/94	12/31/96	0.3027
58148600	0	01/01/94	12/31/96	0.7035
58149110	0	01/01/94	12/31/96	0.4146
58150110	0	01/01/94	12/31/96	0.3896
58150110	101037	01/01/94	12/31/96	0.4168
58150110	101111	01/01/94	12/31/96	0.3893
58150110	201383	01/01/94	12/31/96	0.3896
58150110	202499	01/01/94	12/31/96	0.3896
58150110	203232	01/01/94	12/31/96	0.3896
58150310	0	01/01/94	12/31/96	0.3930
58150310	100227	01/01/94	12/31/96	0.3931
58150310	100457	01/01/94	12/31/96	0.3928
58150310	100533	01/01/94	12/31/96	0.3959
58150310	100629	01/01/94	12/31/96	0.3853
58150310	100839	01/01/94	12/31/96	0.3929

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58150310	201013	01/01/94	12/31/96	0.3931
58150310	201798	01/01/94	12/31/96	0.3937
58150310	202426	01/01/94	12/31/96	0.3930
58150510	0	01/01/94	12/31/96	0.3956
58151100	0	01/01/94	12/31/96	0.3523
58151110	0	01/01/94	12/31/96	0.4771
58151120	0	01/01/94	12/31/96	0.3453
58151130	0	01/01/94	12/31/96	0.3054
58151130	100733	01/01/94	12/31/96	0.3046
58151140	0	01/01/94	12/31/96	0.4725
58151160	0	01/01/94	12/31/96	0.2136
58155110	0	01/01/94	12/31/96	0.2150
58155210	0	01/01/94	12/31/96	0.1644
58155310	0	01/01/94	12/31/96	0.0919
58155320	0	01/01/94	12/31/96	0.1307
58155410	0	01/01/94	12/31/96	0.5247
58155510	0	01/01/94	12/31/96	0.4073
58155610	0	01/01/94	12/31/96	0.0156
58155810	0	01/01/94	12/31/96	0.3919
58155910	0	01/01/94	12/31/96	0.1648
58156110	0	01/01/94	12/31/96	0.1263
58156210	0	01/01/94	12/31/96	0.2554
58156310	0	01/01/94	12/31/96	0.2422
58156410	0	01/01/94	12/31/96	0.2099
58156510	0	01/01/94	12/31/96	0.4271
58156610	0	01/01/94	12/31/96	0.4435
58156610	100252	01/01/94	12/31/96	0.4435
58156710	0	01/01/94	12/31/96	0.4112
58157110	0	01/01/94	12/31/96	0.6419
58157210	0	01/01/94	12/31/96	0.0135
58160110	0	01/01/94	12/31/96	0.5751
58160110	100109	01/01/94	12/31/96	0.2891
58160110	100495	01/01/94	12/31/96	0.3057
58160110	100707	01/01/94	12/31/96	0.2743
58160110	100756	01/01/94	12/31/96	0.2883
58160110	100782	01/01/94	12/31/96	0.2643
58160110	101016	01/01/94	12/31/96	0.5763
58160110	101153	01/01/94	12/31/96	0.2706
58160110	202579	01/01/94	12/31/96	0.5765
58160110	202636	01/01/94	12/31/96	0.3241
58160110	202795	01/01/94	12/31/96	0.3047
58160110	202997	01/01/94	12/31/96	0.6071
58160110	203028	01/01/94	12/31/96	0.3084
58160110	203062	01/01/94	12/31/96	0.3056
58160110	203184	01/01/94	12/31/96	0.2923
58160110	203294	01/01/94	12/31/96	0.5751
58160110	203487	01/01/94	12/31/96	0.2749
58160120	0	01/01/94	12/31/96	0.4303
58160120	100705	01/01/94	12/31/96	0.2148
58160120	100736	01/01/94	12/31/96	0.2152
58160120	100870	01/01/94	12/31/96	0.2156
58160120	202564	01/01/94	12/31/96	0.2170
58160120	202581	01/01/94	12/31/96	0.2152
58160120	203349	01/01/94	12/31/96	0.2170
58160130	0	01/01/94	12/31/96	0.3710
58160130	203680	01/01/94	12/31/96	0.4139
58160130	203689	01/01/94	12/31/96	0.2088
58160140	0	01/01/94	12/31/96	0.4862
58160140	203766	01/01/94	12/31/96	0.4736
58160150	0	01/01/94	12/31/96	0.2145
58160150	201187	01/01/94	12/31/96	0.2158
58160150	202203	01/01/94	12/31/96	0.2158
58160150	202717	01/01/94	12/31/96	0.2158
58160150	202814	01/01/94	12/31/96	0.2158
58160150	203010	01/01/94	12/31/96	0.2212
58160150	203198	01/01/94	12/31/96	0.2158
58161300	0	01/01/94	12/31/96	0.4149
58161300	100214	01/01/94	12/31/96	0.4203
58161300	200211	01/01/94	12/31/96	0.4151
58161300	201024	01/01/94	12/31/96	0.4151
58161300	201263	01/01/94	12/31/96	0.4154
58161300	201635	01/01/94	12/31/96	0.4151
58161300	201663	01/01/94	12/31/96	0.4154
58161310	0	01/01/94	12/31/96	0.4842
58161310	203490	01/01/94	12/31/96	0.4897
58161310	203773	01/01/94	12/31/96	0.4844
58161510	0	01/01/94	12/31/96	0.1610
58161710	0	01/01/94	12/31/96	0.3636
58162110	0	01/01/94	12/31/96	0.1120
58162110	100814	01/01/94	12/31/96	0.1121
58162110	201757	01/01/94	12/31/96	0.1132
58162110	202071	01/01/94	12/31/96	0.1124
58162110	203103	01/01/94	12/31/96	0.1130
58162110	203578	01/01/94	12/31/96	0.1124
58162120	0	01/01/94	12/31/96	0.1715

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58162130	0	01/01/94	12/31/96	0.1372
58162140	0	01/01/94	12/31/96	0.2061
58162310	0	01/01/94	12/31/96	0.5615
58162310	100991	01/01/94	12/31/96	0.5841
58162310	200250	01/01/94	12/31/96	0.5613
58162310	202300	01/01/94	12/31/96	0.5620
58162310	202704	01/01/94	12/31/96	0.5618
58162310	203379	01/01/94	12/31/96	0.5616
58163110	0	01/01/94	12/31/96	0.4659
58163130	0	01/01/94	12/31/96	0.5482
58163130	203618	01/01/94	12/31/96	0.5479
58163130	203683	01/01/94	12/31/96	0.5482
58163130	203755	01/01/94	12/31/96	0.5546
58163210	0	01/01/94	12/31/96	0.4569
58163310	0	01/01/94	12/31/96	0.6929
58163310	201500	01/01/94	12/31/96	0.6933
58163310	202911	01/01/94	12/31/96	0.6927
58163310	203023	01/01/94	12/31/96	0.7178
58163310	203045	01/01/94	12/31/96	0.6930
58163330	0	01/01/94	12/31/96	0.7954
58163330	201015	01/01/94	12/31/96	0.7953
58163350	0	01/01/94	12/31/96	0.7458
58163350	100786	01/01/94	12/31/96	0.7606
58163350	201427	01/01/94	12/31/96	0.7457
58163350	202689	01/01/94	12/31/96	0.7462
58163360	0	01/01/94	12/31/96	0.7219
58163360	100356	01/01/94	12/31/96	0.7218
58163360	202875	01/01/94	12/31/96	0.7406
58163360	203149	01/01/94	12/31/96	0.7226
58163380	0	01/01/94	12/31/96	0.7288
58163380	100105	01/01/94	12/31/96	0.7287
58163380	201491	01/01/94	12/31/96	0.7290
58163380	202152	01/01/94	12/31/96	0.7293
58163380	202160	01/01/94	12/31/96	0.7298
58163380	202594	01/01/94	12/31/96	0.7299
58163380	202867	01/01/94	12/31/96	0.7539
58163380	203039	01/01/94	12/31/96	0.7305
58163400	0	01/01/94	12/31/96	0.7312
58163410	0	01/01/94	12/31/96	0.2159
58163410	100085	01/01/94	12/31/96	0.2159
58163410	100182	01/01/94	12/31/96	0.2159
58163410	100192	01/01/94	12/31/96	0.2160
58163410	200460	01/01/94	12/31/96	0.2159
58163410	201421	01/01/94	12/31/96	0.2159
58163410	201485	01/01/94	12/31/96	0.2184
58163410	201842	01/01/94	12/31/96	0.2159
58163410	203302	01/01/94	12/31/96	0.2162
58163410	203507	01/01/94	12/31/96	0.2160
58163410	203674	01/01/94	12/31/96	0.2160
58163450	0	01/01/94	12/31/96	0.1313
58163510	0	01/01/94	12/31/96	0.6056
58163510	100651	01/01/94	12/31/96	0.6055
58163610	0	01/01/94	12/31/96	0.5090
58163610	101005	01/01/94	12/31/96	0.5094
58163610	101076	01/01/94	12/31/96	0.5092
58163610	202136	01/01/94	12/31/96	0.5092
58163610	203276	01/01/94	12/31/96	0.5089
58164110	0	01/01/94	12/31/96	0.5703
58164210	0	01/01/94	12/31/96	0.2110
58175110	0	01/01/94	12/31/96	0.3002
58400000	0	01/01/94	12/31/96	0.6620
58400100	0	01/01/94	12/31/96	0.7494
58400200	0	01/01/94	12/31/96	0.8423
58401200	0	01/01/94	12/31/96	0.6971
58402010	0	01/01/94	12/31/96	0.4857
58402010	100776	01/01/94	12/31/96	0.3207
58402020	0	01/01/94	12/31/96	0.5104
58402030	0	01/01/94	12/31/96	0.0839
58402100	0	01/01/94	12/31/96	0.4914
58403010	0	01/01/94	12/31/96	0.4915
58403010	100046	01/01/94	12/31/96	0.3258
58403010	100165	01/01/94	12/31/96	0.5471
58403010	100609	01/01/94	12/31/96	0.6590
58403010	100737	01/01/94	12/31/96	0.4202
58403010	100877	01/01/94	12/31/96	0.3918
58403010	100936	01/01/94	12/31/96	0.1946
58403010	101065	01/01/94	12/31/96	0.1620
58403040	0	01/01/94	12/31/96	0.5032
58403100	0	01/01/94	12/31/96	0.4740
58404010	0	01/01/94	12/31/96	0.4915
58404010	100101	01/01/94	12/31/96	0.6170
58404010	100578	01/01/94	12/31/96	0.3258
58404010	100617	01/01/94	12/31/96	0.6590
58404030	0	01/01/94	12/31/96	0.6339
58404040	0	01/01/94	12/31/96	0.4500

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58404100	0	01/01/94	12/31/96	0.6314
58404500	0	01/01/94	12/31/96	0.7650
58404510	0	01/01/94	12/31/96	0.6349
58404520	0	01/01/94	12/31/96	0.4424
58406010	0	01/01/94	12/31/96	0.4371
58406020	0	01/01/94	12/31/96	0.4922
58407010	0	01/01/94	12/31/96	0.9457
58407020	0	01/01/94	12/31/96	0.4500
58407030	0	01/01/94	12/31/96	0.8478
58407030	100550	01/01/94	12/31/96	0.9070
58407030	100575	01/01/94	12/31/96	0.7358
58407030	203653	01/01/94	12/31/96	0.9176
58407040	0	01/01/94	12/31/96	0.8423
58407050	0	01/01/94	12/31/96	0.6786
58408010	0	01/01/94	12/31/96	0.6153
58408010	100177	01/01/94	12/31/96	0.6153
58408010	100858	01/01/94	12/31/96	0.6153
58408500	0	01/01/94	12/31/96	0.7249
58408500	100417	01/01/94	12/31/96	0.5926
58409000	0	01/01/94	12/31/96	0.6076
58410100	0	01/01/94	12/31/96	0.8833
58421000	0	01/01/94	12/31/96	0.2639
58421010	0	01/01/94	12/31/96	0.2714
58421020	0	01/01/94	12/31/96	0.6868
58421020	203031	01/01/94	12/31/96	0.6868
58421060	0	01/01/94	12/31/96	0.2568
58421080	0	01/01/94	12/31/96	0.6060
58450300	0	01/01/94	12/31/96	0.0836
61201620	0	01/01/94	12/31/96	0.7204
61201630	0	01/01/94	12/31/96	0.7065
61210000	0	01/01/94	12/31/96	0.7146
61210620	0	01/01/94	12/31/96	0.7146
61210620	100058	01/01/94	12/31/96	0.7695
61210620	100592	01/01/94	12/31/96	0.7578
61210620	100593	01/01/94	12/31/96	0.6253
61210620	100636	01/01/94	12/31/96	0.8165
61210620	100653	01/01/94	12/31/96	0.7450
61210620	100718	01/01/94	12/31/96	0.7897
61210620	100747	01/01/94	12/31/96	0.8067
61210620	100825	01/01/94	12/31/96	0.6760
61210620	100838	01/01/94	12/31/96	0.7306
61210620	203539	01/01/94	12/31/96	0.8335
61210630	0	01/01/94	12/31/96	0.7037
61210820	0	01/01/94	12/31/96	0.7138
61210820	101163	01/01/94	12/31/96	0.7442
61216620	0	01/01/94	12/31/96	0.7175
61222600	0	01/01/94	12/31/96	0.7160
61225600	0	01/01/94	12/31/96	0.7131
61225600	101004	01/01/94	12/31/96	0.7885
61225600	101128	01/01/94	12/31/96	0.6509
61225600	203063	01/01/94	12/31/96	0.7682
62125110	0	01/01/94	12/31/96	0.3651
63411010	0	01/01/94	12/31/96	0.1514
63415000	0	01/01/94	12/31/96	0.4666
63415100	0	01/01/94	12/31/96	0.5980
64104010	100010	01/01/94	12/31/96	0.1071
64104010	100107	01/01/94	12/31/96	0.1935
64104010	100128	01/01/94	12/31/96	0.4186
64104010	100828	01/01/94	12/31/96	0.3243
64104050	100284	01/01/94	12/31/96	0.1935
64104050	100285	01/01/94	12/31/96	0.3242
64104050	100717	01/01/94	12/31/96	0.2646
64104050	101171	01/01/94	12/31/96	0.6478
64104450	100639	01/01/94	12/31/96	0.3243
64104500	100278	01/01/94	12/31/96	0.4186
64104500	101143	01/01/94	12/31/96	0.1525
64116010	100454	01/01/94	12/31/96	0.1935
64116030	100135	01/01/94	12/31/96	0.1071
64116100	100488	01/01/94	12/31/96	0.1935
64116100	101099	01/01/94	12/31/96	0.4185
64116150	101110	01/01/94	12/31/96	0.1071
64124060	101167	01/01/94	12/31/96	0.9343
64124200	100638	01/01/94	12/31/96	0.3243
64125000	100312	01/01/94	12/31/96	0.1935
71501040	0	01/01/94	12/31/96	0.5987
71501040	100887	01/01/94	12/31/96	0.5987
71501040	200091	01/01/94	12/31/96	0.5987
71501040	200154	01/01/94	12/31/96	0.5984
71501040	200400	01/01/94	12/31/96	0.5987
71501040	200588	01/01/94	12/31/96	0.5987
71501040	200728	01/01/94	12/31/96	0.5984
71501040	200880	01/01/94	12/31/96	0.5987
71501040	201066	01/01/94	12/31/96	0.5981
71501040	201328	01/01/94	12/31/96	0.5984
71501040	201337	01/01/94	12/31/96	0.5981

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71501040	201365	01/01/94	12/31/96	0.5979
71501040	201376	01/01/94	12/31/96	0.5980
71501040	201380	01/01/94	12/31/96	0.5984
71501040	201449	01/01/94	12/31/96	0.5987
71501040	201544	01/01/94	12/31/96	0.5987
71501040	201756	01/01/94	12/31/96	0.5981
71501040	201782	01/01/94	12/31/96	0.5987
71501040	201856	01/01/94	12/31/96	0.5998
71501040	202031	01/01/94	12/31/96	0.5974
71501040	202301	01/01/94	12/31/96	0.5987
71501040	202321	01/01/94	12/31/96	0.6010
71501040	202324	01/01/94	12/31/96	0.5980
71501040	202567	01/01/94	12/31/96	0.5981
71501040	202788	01/01/94	12/31/96	0.5987
71501040	202827	01/01/94	12/31/96	0.5998
71501040	202976	01/01/94	12/31/96	0.5987
71501040	203160	01/01/94	12/31/96	0.5984
71501090	0	01/01/94	12/31/96	0.6327
71501090	100160	01/01/94	12/31/96	0.6327
71501090	201137	01/01/94	12/31/96	0.6327
71501090	201194	01/01/94	12/31/96	0.6312
71501090	202764	01/01/94	12/31/96	0.6327
71501200	0	01/01/94	12/31/96	0.7536
71501300	0	01/01/94	12/31/96	0.5262
71703040	0	01/01/94	12/31/96	0.1750
71704000	0	01/01/94	12/31/96	0.2413
71704000	100443	01/01/94	12/31/96	0.2414
71704000	100789	01/01/94	12/31/96	0.2419
71704000	101009	01/01/94	12/31/96	0.2413
71704000	203049	01/01/94	12/31/96	0.2520
71801000	0	01/01/94	12/31/96	0.2410
71801020	0	01/01/94	12/31/96	0.4857
71801040	0	01/01/94	12/31/96	0.9200
71801100	0	01/01/94	12/31/96	0.1038
71801100	101170	01/01/94	12/31/96	0.1039
71801100	203642	01/01/94	12/31/96	0.1037
71801100	203644	01/01/94	12/31/96	0.1038
71802010	0	01/01/94	12/31/96	0.1116
71803010	0	01/01/94	12/31/96	0.2008
71803010	100369	01/01/94	12/31/96	0.2006
71901110	0	01/01/94	12/31/96	0.1972
71901110	200360	01/01/94	12/31/96	0.1972
71901110	202259	01/01/94	12/31/96	0.1972
71905210	0	01/01/94	12/31/96	0.0363
71931010	0	01/01/94	12/31/96	0.0823
72202010	0	01/01/94	12/31/96	0.3013
72202020	0	01/01/94	12/31/96	0.1859
72202020	201220	01/01/94	12/31/96	0.1860
72202020	203164	01/01/94	12/31/96	0.1707
72202020	203240	01/01/94	12/31/96	0.1859
72302000	202861	01/01/94	12/31/96	0.6191
72306000	0	01/01/94	12/31/96	0.7985
72308000	0	01/01/94	12/31/96	0.6466
72308500	0	01/01/94	12/31/96	0.8140
72308500	100393	01/01/94	12/31/96	0.8134
73210110	0	01/01/94	12/31/96	0.0028
73211110	0	01/01/94	12/31/96	0.0149
73501000	0	01/01/94	12/31/96	0.6048
73501000	101063	01/01/94	12/31/96	0.6053
73501000	101148	01/01/94	12/31/96	0.6048
73501010	0	01/01/94	12/31/96	0.6254
74402110	0	01/01/94	12/31/96	0.2976
74402200	0	01/01/94	12/31/96	0.1707
74402200	100649	01/01/94	12/31/96	0.1712
74402310	0	01/01/94	12/31/96	0.2204
74501010	0	01/01/94	12/31/96	0.0943
74601000	0	01/01/94	12/31/96	0.3279
74601010	101021	01/01/94	12/31/96	0.2467
74602010	0	01/01/94	12/31/96	0.4857
74602010	100088	01/01/94	12/31/96	0.3863
74602010	100683	01/01/94	12/31/96	0.5862
74602010	100759	01/01/94	12/31/96	0.6538
74602010	101040	01/01/94	12/31/96	0.2394
74602010	101096	01/01/94	12/31/96	0.3207
74602050	0	01/01/94	12/31/96	0.8037
74602100	0	01/01/94	12/31/96	0.4553
74603010	0	01/01/94	12/31/96	0.5998
74604010	0	01/01/94	12/31/96	0.5998
74604500	0	01/01/94	12/31/96	0.4743
74604600	0	01/01/94	12/31/96	0.0823
74605010	0	01/01/94	12/31/96	0.4320
74606010	0	01/01/94	12/31/96	0.7167
74606020	0	01/01/94	12/31/96	0.5466
75302030	0	01/01/94	12/31/96	0.1284
75302070	0	01/01/94	12/31/96	0.1299

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75340160	0	01/01/94	12/31/96	0.0663
75412010	0	01/01/94	12/31/96	0.1177
75412010	200522	01/01/94	12/31/96	0.1177
75412010	200773	01/01/94	12/31/96	0.1177
75412010	203569	01/01/94	12/31/96	0.1177
75412060	0	01/01/94	12/31/96	0.0685
75412060	202021	01/01/94	12/31/96	0.0685
75412060	203584	01/01/94	12/31/96	0.0685
75418030	0	01/01/94	12/31/96	0.1286
75439500	0	01/01/94	12/31/96	0.2894
75440100	0	01/01/94	12/31/96	0.0377
75440110	0	01/01/94	12/31/96	0.0311
75440170	0	01/01/94	12/31/96	0.0539
75440200	0	01/01/94	12/31/96	0.2261
75440400	0	01/01/94	12/31/96	0.5022
75460700	0	01/01/94	12/31/96	0.1535
75460710	0	01/01/94	12/31/96	0.1552
75460800	0	01/01/94	12/31/96	0.2126
75460810	0	01/01/94	12/31/96	0.2046
75601000	0	01/01/94	12/31/96	0.2410
75601020	0	01/01/94	12/31/96	0.4857
75601200	0	01/01/94	12/31/96	0.5430
75601210	0	01/01/94	12/31/96	0.4557
75601210	100783	01/01/94	12/31/96	0.4566
75603000	0	01/01/94	12/31/96	0.2410
75603020	0	01/01/94	12/31/96	0.4857
75604020	0	01/01/94	12/31/96	0.2500
75607000	0	01/01/94	12/31/96	0.6644
75607020	0	01/01/94	12/31/96	0.4857
75607020	100562	01/01/94	12/31/96	0.3207
75607040	0	01/01/94	12/31/96	0.4857
75607060	0	01/01/94	12/31/96	0.2410
75607090	0	01/01/94	12/31/96	0.2410
75607130	0	01/01/94	12/31/96	0.9139
75607140	0	01/01/94	12/31/96	0.4857
75607140	100935	01/01/94	12/31/96	0.3207
75608100	0	01/01/94	12/31/96	0.6640
75608200	0	01/01/94	12/31/96	0.9614
75609000	0	01/01/94	12/31/96	0.4874
75609020	0	01/01/94	12/31/96	0.5415
75609050	0	01/01/94	12/31/96	0.5682
75646010	0	01/01/94	12/31/96	0.8283
75649010	0	01/01/94	12/31/96	0.4915
75649010	100127	01/01/94	12/31/96	0.3258
75649010	100326	01/01/94	12/31/96	0.4202
75649010	100724	01/01/94	12/31/96	0.6590
75649010	101131	01/01/94	12/31/96	0.1946
75649030	0	01/01/94	12/31/96	0.5000
75649050	0	01/01/94	12/31/96	0.9347
75649100	0	01/01/94	12/31/96	0.8050
75649110	0	01/01/94	12/31/96	0.4909
75649110	202546	01/01/94	12/31/96	0.4911
75649110	203553	01/01/94	12/31/96	0.5019
75649150	0	01/01/94	12/31/96	0.5564
75651000	0	01/01/94	12/31/96	0.5563
75651000	100341	01/01/94	12/31/96	0.5591
75651000	100357	01/01/94	12/31/96	0.5591
75651010	0	01/01/94	12/31/96	0.4915
75651020	0	01/01/94	12/31/96	0.4857
75651020	100002	01/01/94	12/31/96	0.5862
75651020	100061	01/01/94	12/31/96	0.3207
75651030	0	01/01/94	12/31/96	0.5000
75651040	0	01/01/94	12/31/96	0.4915
75651040	100117	01/01/94	12/31/96	0.3258
75651050	0	01/01/94	12/31/96	0.4915
75651050	100236	01/01/94	12/31/96	0.5471
75651070	0	01/01/94	12/31/96	0.4220
75651080	0	01/01/94	12/31/96	0.6773
75651110	0	01/01/94	12/31/96	0.7678
75651120	0	01/01/94	12/31/96	0.4915
75651140	0	01/01/94	12/31/96	0.5558
75652010	0	01/01/94	12/31/96	0.4162
75652040	0	01/01/94	12/31/96	0.4380
75652050	0	01/01/94	12/31/96	0.4291
75654010	0	01/01/94	12/31/96	0.4915
75654010	100621	01/01/94	12/31/96	0.3258
75656010	0	01/01/94	12/31/96	0.4132
75657000	0	01/01/94	12/31/96	0.9494
77141010	0	01/01/94	12/31/96	0.0280
77272010	0	01/01/94	12/31/96	0.0745
77316010	0	01/01/94	12/31/96	0.1172
77316010	201336	01/01/94	12/31/96	0.1200
77316510	0	01/01/94	12/31/96	0.2446
77513010	0	01/01/94	12/31/96	0.4132
77563010	0	01/01/94	12/31/96	0.4018

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77563010	202963	01/01/94	12/31/96	0.3932
81302010	0	01/01/94	12/31/96	0.1786
81302020	0	01/01/94	12/31/96	0.1523
81302030	0	01/01/94	12/31/96	0.5117
83101500	0	01/01/94	12/31/96	0.0343
83105100	0	01/01/94	12/31/96	0.2434
83111000	0	01/01/94	12/31/96	0.0006
91301100	0	01/01/94	12/31/96	0.6747
91301200	0	01/01/94	12/31/96	0.6776
91304050	0	01/01/94	12/31/96	0.0773
91361010	0	01/01/94	12/31/96	0.5378
91361030	0	01/01/94	12/31/96	0.6957
91361040	0	01/01/94	12/31/96	0.6962
91405500	0	01/01/94	12/31/96	0.1247
91407150	0	01/01/94	12/31/96	0.2233
91501010	0	01/01/94	12/31/96	0.8393
91501020	0	01/01/94	12/31/96	0.5454
91501020	100027	01/01/94	12/31/96	0.2199
91501020	100358	01/01/94	12/31/96	0.5518
91501020	100610	01/01/94	12/31/96	0.5320
91501020	202715	01/01/94	12/31/96	0.5859
91501020	203421	01/01/94	12/31/96	0.5392
91501020	203486	01/01/94	12/31/96	0.5368
91501030	0	01/01/94	12/31/96	0.7785
91501030	202037	01/01/94	12/31/96	0.7785
91501040	0	01/01/94	12/31/96	0.5021
91501040	100903	01/01/94	12/31/96	0.4866
91501050	0	01/01/94	12/31/96	0.7780
91501060	0	01/01/94	12/31/96	0.6536
91501070	0	01/01/94	12/31/96	0.1792
91501070	100448	01/01/94	12/31/96	0.1792
91501090	0	01/01/94	12/31/96	0.5169
91501100	0	01/01/94	12/31/96	0.6879
91501110	0	01/01/94	12/31/96	0.4866
91501110	100348	01/01/94	12/31/96	0.4866
91501110	100840	01/01/94	12/31/96	0.4759
91501110	100965	01/01/94	12/31/96	0.4638
91501120	0	01/01/94	12/31/96	0.4950
91511010	0	01/01/94	12/31/96	0.9785
91511030	0	01/01/94	12/31/96	0.9213
91511050	0	01/01/94	12/31/96	0.8462
91511060	0	01/01/94	12/31/96	0.7706
91511070	0	01/01/94	12/31/96	0.1787
91511080	0	01/01/94	12/31/96	0.5411
91511090	0	01/01/94	12/31/96	0.5627
91511100	0	01/01/94	12/31/96	0.8091
91511110	0	01/01/94	12/31/96	0.5728
91512010	0	01/01/94	12/31/96	0.5104
91520100	0	01/01/94	12/31/96	0.4736
91550100	0	01/01/94	12/31/96	0.1384
91580000	0	01/01/94	12/31/96	1.0000
92100000	0	01/01/94	12/31/96	1.0000
92100500	0	01/01/94	12/31/96	1.0000
92101000	0	01/01/94	12/31/96	1.0000
92101500	0	01/01/94	12/31/96	1.0000
92101600	0	01/01/94	12/31/96	0.9044
92101640	0	01/01/94	12/31/96	1.0000
92101650	0	01/01/94	12/31/96	0.9289
92101660	0	01/01/94	12/31/96	1.0000
92101670	0	01/01/94	12/31/96	0.9289
92101700	0	01/01/94	12/31/96	1.0000
92101800	0	01/01/94	12/31/96	0.9289
92101900	0	01/01/94	12/31/96	0.3567
92101900	201503	01/01/94	12/31/96	0.3558
92101900	203108	01/01/94	12/31/96	0.3567
92103000	0	01/01/94	12/31/96	0.9909
92104000	0	01/01/94	12/31/96	1.0000
92105000	0	01/01/94	12/31/96	0.8000
92105010	0	01/01/94	12/31/96	0.9702
92106000	0	01/01/94	12/31/96	0.9909
92111000	0	01/01/94	12/31/96	0.9909
92111010	0	01/01/94	12/31/96	1.0000
92114000	0	01/01/94	12/31/96	0.9909
92121000	0	01/01/94	12/31/96	0.9328
92121010	0	01/01/94	12/31/96	0.9546
92121020	0	01/01/94	12/31/96	0.9392
92121030	0	01/01/94	12/31/96	0.9684
92121040	0	01/01/94	12/31/96	0.9328
92130000	0	01/01/94	12/31/96	0.9332
92130010	0	01/01/94	12/31/96	0.9678
92130020	0	01/01/94	12/31/96	0.9546
92150000	0	01/01/94	12/31/96	0.9909
92151000	0	01/01/94	12/31/96	0.9909
92151100	0	01/01/94	12/31/96	0.9909
92152000	0	01/01/94	12/31/96	1.0000

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92153000	0	01/01/94	12/31/96	0.9909
92153100	0	01/01/94	12/31/96	0.9909
92161000	0	01/01/94	12/31/96	0.4917
92161000	202295	01/01/94	12/31/96	0.4907
92201010	0	01/01/94	12/31/96	0.9740
92202010	0	01/01/94	12/31/96	0.9905
92203000	0	01/01/94	12/31/96	0.9872
92203110	0	01/01/94	12/31/96	0.9872
92204000	0	01/01/94	12/31/96	0.9499
92301000	0	01/01/94	12/31/96	0.1000
92301100	0	01/01/94	12/31/96	0.1000
92301130	0	01/01/94	12/31/96	0.0950
92301190	0	01/01/94	12/31/96	0.0950
92302000	0	01/01/94	12/31/96	1.0000
92302200	0	01/01/94	12/31/96	0.9499
92302300	0	01/01/94	12/31/96	0.9958
92302400	0	01/01/94	12/31/96	0.9499
92302500	0	01/01/94	12/31/96	1.0000
92302600	0	01/01/94	12/31/96	0.9499
92302700	0	01/01/94	12/31/96	0.9958
92302800	0	01/01/94	12/31/96	0.9499
92304000	0	01/01/94	12/31/96	1.0000
92304700	0	01/01/94	12/31/96	0.9958
92305000	0	01/01/94	12/31/96	0.9122
92305010	0	01/01/94	12/31/96	0.9941
92305040	0	01/01/94	12/31/96	0.9734
92305050	0	01/01/94	12/31/96	0.9734
92305090	0	01/01/94	12/31/96	0.9934
92305110	0	01/01/94	12/31/96	0.9934
92305180	0	01/01/94	12/31/96	0.9941
92305800	0	01/01/94	12/31/96	0.9734
92306000	0	01/01/94	12/31/96	1.0000
92306050	0	01/01/94	12/31/96	1.0000
92306700	0	01/01/94	12/31/96	1.0000
92510170	100213	01/01/94	12/31/96	0.6064
92510170	100303	01/01/94	12/31/96	0.6872
92510610	100385	01/01/94	12/31/96	0.1935
92511010	0	01/01/94	12/31/96	0.7786
92511010	100545	01/01/94	12/31/96	0.8665
92511010	100913	01/01/94	12/31/96	0.8296
92511010	101121	01/01/94	12/31/96	0.7645
92511020	0	01/01/94	12/31/96	0.7092
92511110	0	01/01/94	12/31/96	0.7094
92511250	0	01/01/94	12/31/96	0.7163
92511250	100960	01/01/94	12/31/96	0.7710
92511260	100797	01/01/94	12/31/96	0.6935
92511350	101061	01/01/94	12/31/96	0.4474
92512050	0	01/01/94	12/31/96	1.5428
92530510	101073	01/01/94	12/31/96	0.1935
92530520	100166	01/01/94	12/31/96	0.1935
92530520	101152	01/01/94	12/31/96	0.5454
92530610	100656	01/01/94	12/31/96	0.3243
92530610	100796	01/01/94	12/31/96	0.1935
92530910	0	01/01/94	12/31/96	0.7089
92530910	100424	01/01/94	12/31/96	0.7645
92530910	100655	01/01/94	12/31/96	0.7851
92530910	203128	01/01/94	12/31/96	0.8503
92531020	0	01/01/94	12/31/96	0.7128
92531020	100998	01/01/94	12/31/96	0.7433
92541010	0	01/01/94	12/31/96	0.9081
92541010	100274	01/01/94	12/31/96	0.9772
92541010	101001	01/01/94	12/31/96	0.9518
92541010	101126	01/01/94	12/31/96	0.9674
92541020	0	01/01/94	12/31/96	0.9046
92541020	100860	01/01/94	12/31/96	0.9499
92541040	0	01/01/94	12/31/96	0.9938
92541100	0	01/01/94	12/31/96	0.9081
92541100	100761	01/01/94	12/31/96	0.8316
92542000	0	01/01/94	12/31/96	0.8716
92542000	100878	01/01/94	12/31/96	0.9532
92542000	101019	01/01/94	12/31/96	0.9314
92544000	0	01/01/94	12/31/96	0.9024
92544000	100183	01/01/94	12/31/96	0.8740
92544000	100229	01/01/94	12/31/96	0.8222
92544000	100230	01/01/94	12/31/96	0.9204
92544000	100276	01/01/94	12/31/96	0.9475
92544000	100287	01/01/94	12/31/96	0.9244
92544000	100306	01/01/94	12/31/96	0.8240
92544000	100463	01/01/94	12/31/96	0.7581
92544000	100751	01/01/94	12/31/96	0.9636
92544000	100898	01/01/94	12/31/96	0.9233
92544000	100915	01/01/94	12/31/96	0.9718
92544000	101141	01/01/94	12/31/96	0.8726
92544000	101164	01/01/94	12/31/96	0.9002
92544000	201653	01/01/94	12/31/96	0.8614

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92544000	202341	01/01/94	12/31/96	0.9319
92552000	0	01/01/94	12/31/96	0.9883
92610010	0	01/01/94	12/31/96	0.7868
92611010	0	01/01/94	12/31/96	0.8874
92611100	0	01/01/94	12/31/96	0.4223
92611510	0	01/01/94	12/31/96	0.8932
92612010	0	01/01/94	12/31/96	0.7400
92613010	0	01/01/94	12/31/96	0.4182
92613510	0	01/01/94	12/31/96	0.3876
92731000	0	01/01/94	12/31/96	0.9081
92741000	0	01/01/94	12/31/96	0.9950
92751000	0	01/01/94	12/31/96	0.9079
93301120	0	01/01/94	12/31/96	0.0758
93301180	0	01/01/94	12/31/96	0.6379
93301180	100804	01/01/94	12/31/96	0.6379
93301400	0	01/01/94	12/31/96	0.6618
93302000	0	01/01/94	12/31/96	0.5911
93302100	0	01/01/94	12/31/96	0.0253
93404600	0	01/01/94	12/31/96	0.3613
93504100	0	01/01/94	12/31/96	0.4340
94000000	0	01/01/94	12/31/96	1.0000

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APPENDIX C4
Proportion of Indirect Water per 100 grams of Ingested USDA 1998 CSFII Foods

Food code	Modcode	Start date	End date	G_i
11120000	0	01/01/94	11/30/98	0.9071
11121100	0	01/01/94	11/30/98	0.8702
11121210	0	01/01/94	11/30/98	0.9061
11121300	0	01/01/94	11/30/98	0.9071
11210000	0	01/01/94	11/30/98	0.4847
11210200	0	01/01/94	11/30/98	0.4847
11211000	0	01/01/94	11/30/98	0.4847
11211200	0	01/01/94	11/30/98	0.4847
11212000	0	01/01/94	11/30/98	0.4807
11220200	0	01/01/94	11/30/98	0.4365
11514100	0	01/01/94	11/30/98	0.8623
11514300	0	01/01/94	11/30/98	0.9221
11541000	0	01/01/94	11/30/98	0.0633
11552200	0	01/01/94	11/30/98	0.2732
11553000	0	01/01/94	11/30/98	0.1481
11561010	0	01/01/94	11/30/98	0.4606
11561010	204009	01/01/94	11/30/98	0.4606
11710102	0	01/01/94	11/30/98	0.4887
11710103	0	01/01/94	11/30/98	0.8771
11710103	204147	01/01/94	11/30/98	0.9146
11710112	0	01/01/94	11/30/98	0.4887
11710202	0	01/01/94	11/30/98	0.4887
11710203	0	01/01/94	11/30/98	0.8720
11710402	0	01/01/94	11/30/98	0.4887
11710403	0	01/01/94	11/30/98	0.8720
11710403	204043	01/01/94	11/30/98	0.9108
11710403	204423	01/01/94	11/30/98	0.8563
11710403	204472	01/01/94	11/30/98	0.8502
11710403	204838	01/01/94	11/30/98	0.7730
11710403	204925	01/01/94	11/30/98	0.9533
11710403	204952	01/01/94	11/30/98	0.9008
11710503	0	01/01/94	11/30/98	0.8758
11710602	0	01/01/94	11/30/98	0.4887
11710602	203882	01/01/94	11/30/98	0.3893
11710602	203969	01/01/94	11/30/98	0.3233
11710602	203977	01/01/94	11/30/98	0.5602
11710602	203980	01/01/94	11/30/98	0.5891
11710602	204027	01/01/94	11/30/98	0.6144
11710602	204730	01/01/94	11/30/98	0.6565
11710603	0	01/01/94	11/30/98	0.8771
11710603	101078	01/01/94	11/30/98	0.9345
11710603	101215	01/01/94	11/30/98	0.8426
11710603	101216	01/01/94	11/30/98	0.8263
11710603	204246	01/01/94	11/30/98	0.9554
11710603	204788	01/01/94	11/30/98	0.8955
11710603	204817	01/01/94	11/30/98	0.9146
11710712	0	01/01/94	11/30/98	0.4927
11710713	0	01/01/94	11/30/98	0.8771
11710902	0	01/01/94	11/30/98	0.4887
11710903	0	01/01/94	11/30/98	0.8720
11710903	204041	01/01/94	11/30/98	0.9316
11710903	204735	01/01/94	11/30/98	0.7730
11710952	0	01/01/94	11/30/98	0.4887
11710953	0	01/01/94	11/30/98	0.8631
11710953	204633	01/01/94	11/30/98	0.9265
11720052	0	01/01/94	11/30/98	0.4927
11720302	0	01/01/94	11/30/98	0.4887
11720303	0	01/01/94	11/30/98	0.8732
11720303	204288	01/01/94	11/30/98	0.9955
11720402	0	01/01/94	11/30/98	0.4887
11720403	0	01/01/94	11/30/98	0.8720
11720403	204060	01/01/94	11/30/98	0.8195
11720403	204094	01/01/94	11/30/98	0.9316
11720403	204926	01/01/94	11/30/98	0.9533
11720452	0	01/01/94	11/30/98	0.4887
11720502	0	01/01/94	11/30/98	0.4887
11720503	0	01/01/94	11/30/98	0.8732
11720602	0	01/01/94	11/30/98	0.4887
11720602	204075	01/01/94	11/30/98	0.5891
11720602	204317	01/01/94	11/30/98	0.3233
11720603	0	01/01/94	11/30/98	0.8732

Food code	Modcode	Start date	End date	G_i
11740302	0	01/01/94	11/30/98	0.4919
11740303	0	01/01/94	11/30/98	0.8606
13210300	0	01/01/94	11/30/98	0.0019
13210350	0	01/01/94	11/30/98	0.2970
13210350	202769	01/01/94	11/30/98	0.0658
13210410	0	01/01/94	11/30/98	0.1399
13210410	100370	01/01/94	11/30/98	0.1387
13210410	200118	01/01/94	11/30/98	0.1399
13210410	201036	01/01/94	11/30/98	0.1394
13210410	202246	01/01/94	11/30/98	0.1403
13210520	0	01/01/94	11/30/98	0.0083
13210520	200727	01/01/94	11/30/98	0.0083
13210520	204518	01/01/94	11/30/98	0.0082
13252200	0	01/01/94	11/30/98	0.1271
14650160	0	01/01/95	11/30/98	0.8068
22210310	0	01/01/94	11/30/98	0.0125
23220020	101247	01/01/94	11/30/98	0.0503
23220030	0	01/01/94	11/30/98	0.0111
26100150	0	01/01/94	11/30/98	0.1264
26107150	0	01/01/94	11/30/98	0.1474
26107150	201662	01/01/94	11/30/98	0.1474
26109150	0	01/01/94	11/30/98	0.1310
26109150	101070	01/01/94	11/30/98	0.1310
26115150	201594	01/01/94	11/30/98	0.1256
26115150	204298	01/01/94	11/30/98	0.1256
26117150	0	01/01/94	11/30/98	0.1304
26127150	0	01/01/94	11/30/98	0.1300
26127150	204693	01/01/94	11/30/98	0.1301
26151150	202740	01/01/94	11/30/98	0.1262
27111000	0	01/01/94	11/30/98	0.0400
27111000	100297	01/01/94	11/30/98	0.0401
27111000	200853	01/01/94	11/30/98	0.0401
27111000	203703	01/01/94	11/30/98	0.0403
27111050	0	01/01/94	11/30/98	0.1100
27111050	200854	01/01/94	11/30/98	0.1090
27111050	200866	01/01/94	11/30/98	0.1090
27111050	201056	01/01/94	11/30/98	0.1092
27111050	202053	01/01/94	11/30/98	0.1093
27111050	203655	01/01/94	11/30/98	0.1090
27111050	204023	01/01/94	11/30/98	0.1072
27111100	0	01/01/94	11/30/98	0.0760
27112000	0	01/01/94	11/30/98	0.1703
27112010	0	01/01/94	11/30/98	0.0543
27112010	202333	01/01/94	11/30/98	0.0541
27113300	0	01/01/94	11/30/98	0.1493
27115000	0	01/01/94	11/30/98	0.4101
27116350	0	01/01/94	11/30/98	0.1706
27120060	0	01/01/94	11/30/98	0.2363
27120130	0	01/01/94	11/30/98	0.1418
27130100	0	01/01/94	11/30/98	0.2895
27141030	0	01/01/94	11/30/98	0.1107
27141030	203960	01/01/94	11/30/98	0.1107
27143000	204035	01/01/94	11/30/98	0.5501
27144000	204929	01/01/94	11/30/98	0.0755
27146100	0	01/01/94	11/30/98	0.2261
27146350	0	01/01/94	11/30/98	0.0894
27160100	0	01/01/94	11/30/98	0.2278
27162050	0	01/01/94	11/30/98	0.1147
27162050	100648	01/01/94	11/30/98	0.1165
27162050	202285	01/01/94	11/30/98	0.1140
27162050	203445	01/01/94	11/30/98	0.1140
27162050	203879	01/01/94	11/30/98	0.1158
27162050	204007	01/01/94	11/30/98	0.1145
27162050	204324	01/01/94	11/30/98	0.1130
27162050	204614	01/01/94	11/30/98	0.1140
27162050	204743	01/01/94	11/30/98	0.1131
27162050	204748	01/01/94	11/30/98	0.1147
27211100	0	01/01/94	11/30/98	0.1351
27211110	0	01/01/94	11/30/98	0.1273
27211110	204961	01/01/94	11/30/98	0.1285
27211150	201699	01/01/94	11/30/98	0.1028
27211200	0	01/01/94	11/30/98	0.2468
27211550	0	01/01/94	11/30/98	0.1311
27212000	0	01/01/94	11/30/98	0.3462
27212000	202607	01/01/94	11/30/98	0.3517
27212000	204564	01/01/94	11/30/98	0.3597
27212000	204723	01/01/94	11/30/98	0.3465
27212050	0	01/01/94	11/30/98	0.3803

Food code	Modcode	Start date	End date	G_i
27212050	200689	01/01/94	11/30/98	0.3792
27212050	201369	01/01/94	11/30/98	0.3798
27212050	202710	01/01/94	11/30/98	0.3799
27212050	202928	01/01/94	11/30/98	0.3800
27212050	203993	01/01/94	11/30/98	0.3794
27212100	0	01/01/94	11/30/98	0.1724
27212100	200857	01/01/94	11/30/98	0.1772
27212100	201557	01/01/94	11/30/98	0.1772
27212100	203466	01/01/94	11/30/98	0.1772
27212120	0	01/01/94	11/30/98	0.1286
27212150	0	01/01/94	11/30/98	0.2889
27212150	100331	01/01/94	11/30/98	0.2972
27212150	204093	01/01/94	11/30/98	0.2933
27212200	0	01/01/94	11/30/98	0.1756
27212300	0	01/01/94	11/30/98	0.1313
27212300	204477	01/01/94	11/30/98	0.1391
27212350	0	01/01/94	11/30/98	0.2425
27212350	202851	01/01/94	11/30/98	0.2420
27212350	203035	01/01/94	11/30/98	0.2465
27212350	203912	01/01/94	11/30/98	0.2425
27212350	204867	01/01/94	11/30/98	0.1169
27213000	0	01/01/94	11/30/98	0.4529
27213000	203476	01/01/94	11/30/98	0.4529
27213000	203789	01/01/94	11/30/98	0.4218
27213000	204890	01/01/94	11/30/98	0.4221
27213100	0	01/01/94	11/30/98	0.1754
27213100	100812	01/01/94	11/30/98	0.1749
27213100	204136	01/01/94	11/30/98	0.1752
27213120	0	01/01/94	11/30/98	0.2129
27213400	204149	01/01/94	11/30/98	0.1771
27213500	0	01/01/94	11/30/98	0.2530
27220050	0	01/01/94	11/30/98	0.2092
27220120	0	01/01/94	11/30/98	0.2955
27220210	204684	01/01/94	11/30/98	0.4114
27220310	0	01/01/94	11/30/98	0.3955
27220310	204143	01/01/94	11/30/98	0.4029
27220310	204649	01/01/94	11/30/98	0.3961
27220510	0	01/01/94	11/30/98	0.2464
27236000	0	01/01/94	11/30/98	0.1191
27241010	0	01/01/94	11/30/98	0.3455
27242000	0	01/01/94	11/30/98	0.4044
27242000	100384	01/01/94	11/30/98	0.4037
27242200	0	01/01/94	11/30/98	0.5680
27242300	0	01/01/94	11/30/98	0.2362
27242300	204039	01/01/94	11/30/98	0.2420
27242310	0	01/01/94	11/30/98	0.2484
27242350	0	01/01/94	11/30/98	0.2967
27242400	0	01/01/94	11/30/98	0.2416
27242400	202541	01/01/94	11/30/98	0.2520
27242400	203947	01/01/94	11/30/98	0.2419
27242400	204552	01/01/94	11/30/98	0.2476
27243000	0	01/01/94	11/30/98	0.4256
27243000	203479	01/01/94	11/30/98	0.4251
27243000	204103	01/01/94	11/30/98	0.3957
27243000	204536	01/01/94	11/30/98	0.4031
27243000	204846	01/01/94	11/30/98	0.3956
27243300	0	01/01/94	11/30/98	0.2229
27243300	203881	01/01/94	11/30/98	0.2229
27243300	203931	01/01/94	11/30/98	0.2229
27243500	0	01/01/94	11/30/98	0.1747
27243600	0	01/01/94	11/30/98	0.1286
27246100	0	01/01/94	11/30/98	0.2841
27250520	0	01/01/94	11/30/98	0.1689
27250610	0	01/01/94	11/30/98	0.1823
27250630	0	01/01/94	11/30/98	0.1814
27250630	201273	01/01/94	11/30/98	0.1814
27250630	202216	01/01/94	11/30/98	0.2883
27250630	202723	01/01/94	11/30/98	0.1814
27250630	203942	01/01/94	11/30/98	0.1816
27311310	0	01/01/94	11/30/98	0.1481
27311310	204976	01/01/94	11/30/98	0.1472
27311320	0	01/01/94	11/30/98	0.3221
27311410	0	01/01/94	11/30/98	0.3511
27311420	0	01/01/94	11/30/98	0.3743
27313010	0	01/01/94	11/30/98	0.2261
27313150	0	01/01/94	11/30/98	0.3392
27313160	0	01/01/94	11/30/98	0.3484
27313210	0	01/01/94	11/30/98	0.2737
27313220	0	01/01/94	11/30/98	0.2677

Food code	Modcode	Start date	End date	G_i
27313310	0	01/01/94	11/30/98	0.2345
27313410	0	01/01/94	11/30/98	0.1236
27313410	101249	01/01/94	11/30/98	0.1227
27313420	0	01/01/94	11/30/98	0.1223
27315010	0	01/01/94	11/30/98	0.2208
27315220	0	01/01/94	11/30/98	0.2520
27315250	0	01/01/94	11/30/98	0.0730
27315270	0	01/01/94	11/30/98	0.0713
27315310	204607	01/01/94	11/30/98	0.1883
27315320	0	01/01/94	11/30/98	0.1890
27315510	0	01/01/94	11/30/98	0.1688
27315520	0	01/01/94	11/30/98	0.1835
27317010	0	01/01/94	11/30/98	0.3236
27320030	0	01/01/94	11/30/98	0.0939
27320030	204979	01/01/94	11/30/98	0.0939
27330060	0	01/01/94	11/30/98	0.1589
27336310	0	01/01/94	11/30/98	0.3540
27341310	0	01/01/94	11/30/98	0.2581
27343010	0	01/01/94	11/30/98	0.2672
27343410	0	01/01/94	11/30/98	0.4426
27343420	0	01/01/94	11/30/98	0.4270
27343470	0	01/01/94	11/30/98	0.1892
27343480	0	01/01/94	11/30/98	0.1892
27343510	0	01/01/94	11/30/98	0.3395
27343520	0	01/01/94	11/30/98	0.3395
27343910	0	01/01/94	11/30/98	0.2221
27343910	204070	01/01/94	11/30/98	0.2311
27343950	0	01/01/94	11/30/98	0.1421
27343960	0	01/01/94	11/30/98	0.1486
27345010	0	01/01/94	11/30/98	0.2387
27345210	0	01/01/94	11/30/98	0.1919
27345220	0	01/01/94	11/30/98	0.2029
27345310	0	01/01/94	11/30/98	0.4203
27345320	0	01/01/94	11/30/98	0.4204
27345410	0	01/01/94	11/30/98	0.1855
27345420	0	01/01/94	11/30/98	0.1841
27345440	0	01/01/94	11/30/98	0.1260
27345450	0	01/01/94	11/30/98	0.1680
27345450	204982	01/01/94	11/30/98	0.1680
27345510	0	01/01/94	11/30/98	0.2110
27345520	0	01/01/94	11/30/98	0.2027
27347100	0	01/01/94	11/30/98	0.1133
27347100	204133	01/01/94	11/30/98	0.1177
27347100	204612	01/01/94	11/30/98	0.1170
27350060	0	01/01/94	11/30/98	0.1993
27350080	0	01/01/94	11/30/98	0.1609
27350080	100388	01/01/94	11/30/98	0.1609
27350410	0	01/01/94	11/30/98	0.1700
27350410	204105	01/01/94	11/30/98	0.2629
27350410	204591	01/01/94	11/30/98	0.1701
27360000	0	01/01/94	11/30/98	0.3048
27360050	0	01/01/94	11/30/98	0.3342
27360080	0	01/01/94	11/30/98	0.0580
27363100	0	01/01/94	11/30/98	0.2003
27411100	0	01/01/94	11/30/98	0.2927
27411120	0	01/01/94	11/30/98	0.1310
27415200	0	01/01/94	11/30/98	0.1190
27416150	0	01/01/94	11/30/98	0.1133
27416150	204521	01/01/94	11/30/98	0.1132
27416450	0	01/01/94	11/30/98	0.3346
27420170	0	01/01/94	11/30/98	0.0947
27420500	0	01/01/94	11/30/98	0.1075
27420510	0	01/01/94	11/30/98	0.1190
27430510	0	01/01/94	11/30/98	0.0707
27443110	0	01/01/94	11/30/98	0.0555
27445110	0	01/01/94	11/30/98	0.0966
27445110	204578	01/01/94	11/30/98	0.0999
27445110	204821	01/01/94	11/30/98	0.0999
27445110	204837	01/01/94	11/30/98	0.0999
27445120	0	01/01/94	11/30/98	0.0945
27446100	0	01/01/94	11/30/98	0.2294
27450410	0	01/01/94	11/30/98	0.0873
27450410	100865	01/01/94	11/30/98	0.0873
27450410	203988	01/01/94	11/30/98	0.0909
27450410	204020	01/01/94	11/30/98	0.0911
27464000	0	01/01/94	11/30/98	0.3401
28310160	0	01/01/94	11/30/98	0.8475
28310170	0	01/01/94	11/30/98	0.9590
28310210	0	01/01/94	11/30/98	0.6188

Food code	Modcode	Start date	End date	G_i
28310230	0	01/01/94	11/30/98	0.5319
28310320	0	01/01/94	11/30/98	0.4583
28311010	0	01/01/94	11/30/98	0.6466
28315130	0	01/01/94	11/30/98	0.0440
28315140	0	01/01/94	11/30/98	0.6138
28315150	0	01/01/94	11/30/98	0.5864
28315150	100209	01/01/94	11/30/98	0.5838
28315150	204077	01/01/94	11/30/98	0.6432
28315150	204101	01/01/94	11/30/98	0.6404
28320110	0	01/01/94	11/30/98	0.6503
28320120	0	01/01/94	11/30/98	0.5894
28320130	0	01/01/94	11/30/98	0.5711
28320150	0	01/01/94	11/30/98	0.0782
28320300	0	01/01/94	11/30/98	0.6083
28321130	0	01/01/94	11/30/98	0.3204
28340110	0	01/01/94	11/30/98	0.8628
28340120	0	01/01/94	11/30/98	0.9145
28340130	0	01/01/94	11/30/98	0.7701
28340150	0	01/01/94	11/30/98	0.5226
28340310	0	01/01/94	11/30/98	0.7332
28340530	0	01/01/94	11/30/98	0.8327
28340530	100843	01/01/94	11/30/98	0.9163
28340580	0	01/01/94	11/30/98	0.6490
28340660	0	01/01/94	11/30/98	0.3706
28340660	100245	01/01/94	11/30/98	0.3656
28340670	0	01/01/94	11/30/98	0.4762
28340800	0	01/01/94	11/30/98	0.4433
28345030	203992	01/01/95	11/30/98	0.3207
28345110	0	01/01/94	11/30/98	0.2410
28345130	0	01/01/94	11/30/98	0.4857
28350050	0	01/01/94	11/30/98	0.1465
28350210	0	01/01/94	11/30/98	0.1670
28350220	0	01/01/94	11/30/98	0.2300
28355430	0	01/01/94	11/30/98	0.9000
28355450	0	01/01/94	11/30/98	0.4418
28355450	101018	01/01/94	11/30/98	0.4402
28355460	0	01/01/94	11/30/98	0.4812
28355470	0	01/01/94	11/30/98	0.4425
28355480	0	01/01/94	11/30/98	0.4458
28500100	0	01/01/94	11/30/98	0.8257
28522000	0	01/01/94	11/30/98	0.5058
32105010	100342	01/01/94	11/30/98	0.2155
32105010	201026	01/01/94	11/30/98	0.2155
32105010	201087	01/01/94	11/30/98	0.2154
32105010	201300	01/01/94	11/30/98	0.2222
32105010	202308	01/01/94	11/30/98	0.2156
32105010	202379	01/01/94	11/30/98	0.2159
32105010	203054	01/01/94	11/30/98	0.2221
32105010	203894	01/01/94	11/30/98	0.2159
32105010	204012	01/01/94	11/30/98	0.2153
32105010	204141	01/01/94	11/30/98	0.2150
32105010	204597	01/01/94	11/30/98	0.2155
32105010	204719	01/01/94	11/30/98	0.2164
32105030	100643	01/01/94	11/30/98	0.1900
32105030	202907	01/01/94	11/30/98	0.1851
32105030	204936	01/01/94	11/30/98	0.1864
32105030	204950	01/01/94	11/30/98	0.1851
32105050	201934	01/01/94	11/30/98	0.2129
32105060	204108	01/01/94	11/30/98	0.1891
32105080	100325	01/01/94	11/30/98	0.1842
32105080	100353	01/01/94	11/30/98	0.1842
32105080	201197	01/01/94	11/30/98	0.1892
32105100	101100	01/01/94	11/30/98	0.1482
32105100	201733	01/01/94	11/30/98	0.1483
32105100	201898	01/01/94	11/30/98	0.1483
32105110	204162	01/01/94	11/30/98	0.2250
32105121	101242	01/01/94	11/30/98	0.1941
32105121	204834	01/01/94	11/30/98	0.1944
32105122	204315	01/01/94	11/30/98	0.1936
32105130	201090	01/01/94	11/30/98	0.1215
32105160	100186	01/01/94	11/30/98	0.2190
32105160	203704	01/01/94	11/30/98	0.2258
32300100	0	01/01/94	11/30/98	0.7765
33102010	0	01/01/94	11/30/98	0.6604
33201010	100728	01/01/94	11/30/98	0.2377
33201010	203207	01/01/94	11/30/98	0.2299
33201110	203899	01/01/94	11/30/98	0.2109
33301010	203044	01/01/94	11/30/98	0.2330
41101000	0	01/01/94	11/30/98	0.2856

Food code	Modcode	Start date	End date	G_i
41101010	202535	01/01/94	11/30/98	0.2898
41101010	204761	01/01/94	11/30/98	0.2898
41101020	0	01/01/94	11/30/98	0.3102
41101100	0	01/01/94	11/30/98	0.2672
41101110	0	01/01/94	11/30/98	0.2672
41101110	100504	01/01/94	11/30/98	0.2715
41101110	200187	01/01/94	11/30/98	0.2715
41101110	202299	01/01/94	11/30/98	0.2715
41101120	0	01/01/94	11/30/98	0.2901
41102000	0	01/01/94	11/30/98	0.3021
41102010	0	01/01/94	11/30/98	0.3030
41102010	100139	01/01/94	11/30/98	0.3079
41102010	201473	01/01/94	11/30/98	0.3079
41102010	202265	01/01/94	11/30/98	0.3079
41102010	204051	01/01/94	11/30/98	0.3079
41102010	204942	01/01/94	11/30/98	0.3079
41102020	0	01/01/94	11/30/98	0.3292
41103010	0	01/01/94	11/30/98	0.3038
41103010	200622	01/01/94	11/30/98	0.3087
41103010	204017	01/01/94	11/30/98	0.3087
41103020	0	01/01/94	11/30/98	0.3299
41103060	0	01/01/94	11/30/98	0.2829
41103070	0	01/01/94	11/30/98	0.2603
41103070	201313	01/01/94	11/30/98	0.2645
41104000	0	01/01/94	11/30/98	0.3055
41104010	0	01/01/94	11/30/98	0.3055
41104010	100416	01/01/94	11/30/98	0.3104
41104010	100471	01/01/94	11/30/98	0.3104
41104010	200165	01/01/94	11/30/98	0.3104
41104010	200227	01/01/94	11/30/98	0.3104
41104010	200246	01/01/94	11/30/98	0.3104
41104010	200350	01/01/94	11/30/98	0.3104
41104010	200613	01/01/94	11/30/98	0.3104
41104010	200724	01/01/94	11/30/98	0.3104
41104010	200961	01/01/94	11/30/98	0.3104
41104010	201593	01/01/94	11/30/98	0.3104
41104010	202549	01/01/94	11/30/98	0.3104
41104020	0	01/01/94	11/30/98	0.3319
41106000	0	01/01/94	11/30/98	0.2862
41106010	0	01/01/94	11/30/98	0.2862
41106010	100477	01/01/94	11/30/98	0.2909
41106010	201294	01/01/94	11/30/98	0.2909
41106010	201611	01/01/94	11/30/98	0.2909
41106020	0	01/01/94	11/30/98	0.3108
41107000	0	01/01/94	11/30/98	0.2935
41108010	203965	01/01/94	11/30/98	0.3281
41108010	203984	01/01/94	11/30/98	0.3285
41108010	204230	01/01/94	11/30/98	0.3288
41201010	0	01/01/94	11/30/98	0.2406
41203020	204438	01/01/94	11/30/98	0.1901
41204020	0	01/01/94	11/30/98	0.2406
41205010	0	01/01/94	11/30/98	0.2179
41205010	200060	01/01/94	11/30/98	0.2167
41205010	201326	01/01/94	11/30/98	0.2167
41205010	201510	01/01/94	11/30/98	0.2167
41205010	201638	01/01/94	11/30/98	0.2181
41205010	204270	01/01/94	11/30/98	0.2163
41205010	204503	01/01/94	11/30/98	0.2161
41205050	0	01/01/94	11/30/98	0.2650
41205100	0	01/01/94	11/30/98	0.3075
41207030	0	01/01/94	11/30/98	0.2178
41207030	100247	01/01/94	11/30/98	0.0988
41301010	0	01/01/94	11/30/98	0.3017
41301010	100534	01/01/94	11/30/98	0.3065
41301010	200985	01/01/94	11/30/98	0.3065
41301010	200996	01/01/94	11/30/98	0.3065
41301010	204010	01/01/94	11/30/98	0.3065
41302000	0	01/01/94	11/30/98	0.2301
41302010	101172	01/01/94	11/30/98	0.2337
41302010	204986	01/01/94	11/30/98	0.2300
41302020	0	01/01/94	11/30/98	0.2499
41303000	0	01/01/94	11/30/98	0.3261
41303010	0	01/01/94	11/30/98	0.3192
41303020	0	01/01/94	11/30/98	0.3192
41304130	0	01/01/94	11/30/98	0.2211
41304980	0	01/01/94	11/30/98	0.3196
41304990	100223	01/01/94	11/30/98	0.3198
41304990	202969	01/01/94	11/30/98	0.3198
41305000	0	01/01/94	11/30/98	0.3271

Food code	Modcode	Start date	End date	G_i
41310100	0	01/01/94	11/30/98	0.2396
41310310	0	01/01/94	11/30/98	0.2787
41601010	0	01/01/94	11/30/98	0.6979
41601020	0	01/01/94	11/30/98	0.4691
41601040	0	01/01/94	11/30/98	0.6421
41601070	0	01/01/94	11/30/98	0.5964
41601070	203549	01/01/94	11/30/98	0.6003
41601080	0	01/01/94	11/30/98	0.6490
41601090	0	01/01/94	11/30/98	0.5360
41601100	0	01/01/94	11/30/98	0.5645
41601130	0	01/01/94	11/30/98	0.5806
41601140	0	01/01/94	11/30/98	0.6948
41601140	100243	01/01/94	11/30/98	0.5155
41601140	204767	01/01/94	11/30/98	0.5290
41601140	204886	01/01/94	11/30/98	0.5152
41601170	0	01/01/94	11/30/98	0.5384
41601180	0	01/01/96	11/30/98	0.3644
41602040	0	01/01/94	11/30/98	0.7777
41602050	0	01/01/94	11/30/98	0.4874
41603010	0	01/01/94	11/30/98	0.6408
41603010	201651	01/01/94	11/30/98	0.6349
41603010	204832	01/01/94	11/30/98	0.6639
41610100	0	01/01/94	11/30/98	0.5625
41812800	0	01/01/94	11/30/98	0.3339
42204050	0	01/01/94	11/30/98	0.2387
51165060	0	01/01/94	11/30/98	0.0397
51182010	0	01/01/94	11/30/98	0.6231
51182010	200492	01/01/94	11/30/98	0.6231
51201060	0	01/01/94	11/30/98	0.1885
51300140	0	01/01/94	11/30/98	0.2668
51300150	0	01/01/94	11/30/98	0.2668
51300180	101244	01/01/94	11/30/98	0.2761
51301040	0	01/01/94	11/30/98	0.2656
51301540	0	01/01/94	11/30/98	0.2653
51301550	0	01/01/94	11/30/98	0.2046
51320040	0	01/01/94	11/30/98	0.2357
52101050	0	01/01/94	11/30/98	0.4550
52208750	0	01/01/94	11/30/98	0.2176
52208760	0	01/01/94	11/30/98	0.1919
52209010	0	01/01/94	11/30/98	0.1857
52306500	0	01/01/94	11/30/98	0.0268
52404060	0	01/01/94	11/30/98	0.0299
53100050	0	01/01/94	11/30/98	0.1064
53101100	0	01/01/94	11/30/98	0.2992
53101250	0	01/01/94	11/30/98	0.1388
53102700	0	01/01/94	11/30/98	0.0270
53104400	0	01/01/94	11/30/98	0.0282
53105100	0	01/01/94	11/30/98	0.1940
53105200	0	01/01/94	11/30/98	0.1181
53105300	0	01/01/94	11/30/98	0.1377
53105600	0	01/01/94	11/30/98	0.1831
53106050	0	01/01/94	11/30/98	0.1387
53107100	0	01/01/94	11/30/98	0.0049
53107200	0	01/01/94	11/30/98	0.0022
53108000	0	01/01/94	11/30/98	0.1076
53108100	0	01/01/94	11/30/98	0.1778
53109000	0	01/01/94	11/30/98	0.1120
53109100	0	01/01/94	11/30/98	0.1911
53111000	0	01/01/94	11/30/98	0.2507
53113950	0	01/01/94	11/30/98	0.1979
53114100	0	01/01/94	11/30/98	0.1184
53115100	0	01/01/94	11/30/98	0.1690
53115200	0	01/01/94	11/30/98	0.1129
53115310	0	01/01/94	11/30/98	0.1546
53116000	0	01/01/94	11/30/98	0.0006
53116500	0	01/01/94	11/30/98	0.0608
53116550	0	01/01/94	11/30/98	0.1341
53117000	0	01/01/94	11/30/98	0.1464
53117100	0	01/01/94	11/30/98	0.1679
53117200	0	01/01/94	11/30/98	0.1627
53120100	0	01/01/94	11/30/98	0.1929
53120200	0	01/01/94	11/30/98	0.1199
53120330	0	01/01/94	11/30/98	0.1998
53120350	0	01/01/94	11/30/98	0.1328
53121000	0	01/01/94	11/30/98	0.1279
53121100	0	01/01/94	11/30/98	0.2123
53121200	0	01/01/94	11/30/98	0.1279
53121300	0	01/01/94	11/30/98	0.1917
53121330	0	01/01/94	11/30/98	0.1275

Food code	Modcode	Start date	End date	G_i
53202000	0	01/01/94	11/30/98	0.0016
53204000	0	01/01/94	11/30/98	0.1327
53204500	0	01/01/94	11/30/98	0.0819
53206550	0	01/01/94	11/30/98	0.0021
53215500	0	01/01/94	11/30/98	0.0028
53231000	0	01/01/94	11/30/98	0.0156
53236100	0	01/01/94	11/30/98	0.0019
53300170	0	01/01/94	11/30/98	0.1200
53301070	0	01/01/94	11/30/98	0.1289
53301500	0	01/01/94	11/30/98	0.1377
53303500	0	01/01/94	11/30/98	0.0824
53305010	0	01/01/94	11/30/98	0.0248
53305070	0	01/01/94	11/30/98	0.0553
53305700	0	01/01/94	11/30/98	0.0301
53307000	0	01/01/94	11/30/98	0.2769
53312000	0	01/01/94	11/30/98	0.0311
53314000	0	01/01/94	11/30/98	0.0401
53341750	0	01/01/94	11/30/98	0.0322
53342000	0	01/01/94	11/30/98	0.0353
53342070	0	01/01/94	11/30/98	0.0416
53346000	0	01/01/94	11/30/98	0.0166
53360000	0	01/01/94	11/30/98	0.0180
53370000	0	01/01/94	11/30/98	0.1074
53387000	0	01/01/94	11/30/98	0.0134
53390000	0	01/01/94	11/30/98	0.1190
53400200	0	01/01/94	11/30/98	0.0747
53410100	0	01/01/94	11/30/98	0.0959
53415100	0	01/01/94	11/30/98	0.0468
53420000	0	01/01/94	11/30/98	0.1570
53420200	0	01/01/94	11/30/98	0.1570
53420300	0	01/01/94	11/30/98	0.2262
53420400	0	01/01/94	11/30/98	0.2437
53450300	0	01/01/94	11/30/98	0.0492
53450500	0	01/01/94	11/30/98	0.0434
53520200	0	01/01/94	11/30/98	0.1885
53610000	0	01/01/94	11/30/98	0.1964
53610100	0	01/01/94	11/30/98	0.1964
53610200	0	01/01/94	11/30/98	0.1627
55105300	0	01/01/94	11/30/98	0.4498
55501000	0	01/01/94	11/30/98	0.4325
55502000	0	01/01/94	11/30/98	0.7799
55702000	0	01/01/94	11/30/98	0.3202
55703000	0	01/01/94	11/30/98	0.5753
56101000	0	01/01/94	11/30/98	0.6161
56101010	0	01/01/94	11/30/98	0.6161
56101030	0	01/01/94	11/30/98	0.5965
56101030	200303	01/01/94	11/30/98	0.5972
56101030	200582	01/01/94	11/30/98	0.5974
56101030	200676	01/01/94	11/30/98	0.5964
56101030	200710	01/01/94	11/30/98	0.5972
56101030	201700	01/01/94	11/30/98	0.5972
56101030	203004	01/01/94	11/30/98	0.5963
56101030	204430	01/01/94	11/30/98	0.5977
56101030	204648	01/01/94	11/30/98	0.5994
56101030	204891	01/01/94	11/30/98	0.5972
56102010	0	01/01/94	11/30/98	0.6416
56103010	0	01/01/94	11/30/98	0.6300
56103020	204146	01/01/94	11/30/98	0.6081
56104000	0	01/01/94	11/30/98	0.6537
56104010	0	01/01/94	11/30/98	0.6537
56112000	0	01/01/94	11/30/98	0.6489
56112010	0	01/01/94	11/30/98	0.6489
56112030	0	01/01/94	11/30/98	0.6313
56112030	100795	01/01/94	11/30/98	0.6328
56112030	200030	01/01/94	11/30/98	0.6312
56112030	200103	01/01/94	11/30/98	0.6320
56112030	200201	01/01/94	11/30/98	0.6319
56112030	200319	01/01/94	11/30/98	0.6329
56112030	202024	01/01/94	11/30/98	0.6319
56112030	202090	01/01/94	11/30/98	0.6319
56112030	203069	01/01/94	11/30/98	0.6312
56113010	0	01/01/94	11/30/98	0.6416
56114000	0	01/01/94	11/30/98	0.6726
56117000	0	01/01/94	11/30/98	0.7600
56117090	0	01/01/94	11/30/98	0.7063
56117100	0	01/01/94	11/30/98	0.7063
56117110	204111	01/01/94	11/30/98	0.6861
56130000	0	01/01/94	11/30/98	0.6174
56130010	0	01/01/94	11/30/98	0.6174

Food code	Modcode	Start date	End date	G_i
56131000	0	01/01/94	11/30/98	0.5978
56131000	100075	01/01/94	11/30/98	0.5984
56131000	100104	01/01/94	11/30/98	0.5984
56131000	200049	01/01/94	11/30/98	0.5984
56131000	200239	01/01/94	11/30/98	0.5986
56131000	200797	01/01/94	11/30/98	0.5984
56131000	201426	01/01/94	11/30/98	0.5977
56131000	202235	01/01/94	11/30/98	0.5975
56131000	204021	01/01/94	11/30/98	0.5996
56131000	204159	01/01/94	11/30/98	0.5975
56133000	0	01/01/94	11/30/98	0.6416
56139990	0	01/01/94	11/30/98	0.6460
56140000	0	01/01/94	11/30/98	0.6490
56200300	0	01/01/94	11/30/98	0.8369
56200390	0	01/01/94	11/30/98	0.6499
56200500	0	01/01/94	11/30/98	0.7312
56200990	0	01/01/94	11/30/98	0.8758
56201000	0	01/01/94	11/30/98	0.8787
56201010	0	01/01/94	11/30/98	0.8758
56201020	0	01/01/94	11/30/98	0.8409
56201020	200206	01/01/94	11/30/98	0.8407
56201030	0	01/01/94	11/30/98	0.8787
56201070	0	01/01/94	11/30/98	0.6352
56201071	0	01/01/94	11/30/98	0.6352
56201090	0	01/01/96	11/30/98	0.6777
56201091	0	01/01/96	11/30/98	0.6777
56201092	204138	01/01/96	11/30/98	0.6429
56201110	0	01/01/94	11/30/98	0.8401
56201120	0	01/01/94	11/30/98	0.8007
56201120	200697	01/01/94	11/30/98	0.8004
56201120	202470	01/01/94	11/30/98	0.8020
56201210	0	01/01/96	11/30/98	0.8375
56201220	0	01/01/96	11/30/98	0.7853
56201220	101118	01/01/96	11/30/98	0.7845
56201220	200611	01/01/96	11/30/98	0.7850
56201230	0	01/01/96	11/30/98	0.8375
56201240	0	01/01/94	11/30/98	0.8095
56201250	0	01/01/94	11/30/98	0.7607
56201260	0	01/01/94	11/30/98	0.8095
56201510	0	01/01/94	11/30/98	0.7577
56201520	204608	01/01/94	11/30/98	0.6433
56202500	0	01/01/94	11/30/98	0.7292
56202960	0	01/01/94	11/30/98	0.8369
56202970	0	01/01/94	11/30/98	0.8369
56202980	0	01/01/94	11/30/98	0.8369
56203000	0	01/01/94	11/30/98	0.8369
56203010	0	01/01/94	11/30/98	0.8369
56203020	0	01/01/94	11/30/98	0.8369
56203030	0	01/01/94	11/30/98	0.7381
56203050	0	01/01/94	11/30/98	0.8067
56203050	200205	01/01/94	11/30/98	0.8065
56203050	202566	01/01/94	11/30/98	0.8071
56203060	0	01/01/94	11/30/98	0.8067
56203060	100692	01/01/94	11/30/98	0.8071
56203060	201878	01/01/94	11/30/98	0.8065
56203070	0	01/01/94	11/30/98	0.6925
56203070	200148	01/01/94	11/30/98	0.6922
56203080	0	01/01/94	11/30/98	0.7381
56203090	0	01/01/94	11/30/98	0.6695
56203100	0	01/01/94	11/30/98	0.6200
56203100	201498	01/01/94	11/30/98	0.6198
56203100	204241	01/01/94	11/30/98	0.6188
56203100	204917	01/01/94	11/30/98	0.6194
56203540	0	01/01/94	11/30/98	0.4016
56204980	0	01/01/94	11/30/98	0.6879
56204990	0	01/01/94	11/30/98	0.6369
56205000	0	01/01/94	11/30/98	0.6369
56205010	0	01/01/94	11/30/98	0.6369
56205020	0	01/01/94	11/30/98	0.6958
56205030	0	01/01/94	11/30/98	0.6958
56205040	0	01/01/94	11/30/98	0.6879
56205050	0	01/01/94	11/30/98	0.8583
56205080	0	01/01/94	11/30/98	0.3974
56205090	101250	01/01/94	11/30/98	0.9618
56205110	0	01/01/94	11/30/98	0.6944
56205120	0	01/01/94	11/30/98	0.6944
56205130	0	01/01/94	11/30/98	0.7112
56205150	0	01/01/94	11/30/98	0.7290
56205170	0	01/01/94	11/30/98	0.7112

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56205170	200798	01/01/94	11/30/98	0.7113
56205170	203869	01/01/94	11/30/98	0.7113
56205210	0	01/01/94	11/30/98	0.7109
56205300	0	01/01/94	11/30/98	0.7291
56205320	204544	01/01/94	11/30/98	0.7122
56205340	204500	01/01/94	11/30/98	0.7104
56205400	0	01/01/94	11/30/98	0.6014
56205400	200334	01/01/94	11/30/98	0.6025
56205420	0	01/01/94	11/30/98	0.6014
56205420	200056	01/01/94	11/30/98	0.6012
56205420	200124	01/01/94	11/30/98	0.6043
56205420	200263	01/01/94	11/30/98	0.6028
56205420	200333	01/01/94	11/30/98	0.6025
56205420	200371	01/01/94	11/30/98	0.6025
56205420	200575	01/01/94	11/30/98	0.6025
56205420	201116	01/01/94	11/30/98	0.6025
56205420	201193	01/01/94	11/30/98	0.6009
56205420	201246	01/01/94	11/30/98	0.6045
56205420	201329	01/01/94	11/30/98	0.6045
56205420	201888	01/01/94	11/30/98	0.6012
56205420	202219	01/01/94	11/30/98	0.6043
56205420	204045	01/01/94	11/30/98	0.6045
56205430	0	01/01/94	11/30/98	0.6586
56205430	100022	01/01/94	11/30/98	0.6584
56205430	101254	01/01/94	11/30/98	0.9426
56205430	200369	01/01/94	11/30/98	0.6581
56205430	203850	01/01/94	11/30/98	0.9397
56205430	204201	01/01/94	11/30/98	0.9373
56205440	0	01/01/94	11/30/98	0.6531
56205440	100900	01/01/94	11/30/98	0.6542
56205440	200204	01/01/94	11/30/98	0.6529
56205510	0	01/01/94	11/30/98	0.6627
56205510	100484	01/01/94	11/30/98	0.6637
56205510	200470	01/01/94	11/30/98	0.6625
56205510	200836	01/01/94	11/30/98	0.6640
56205510	203861	01/01/94	11/30/98	0.6637
56205540	0	01/01/94	11/30/98	0.6944
56205550	0	01/01/94	11/30/98	0.6625
56206970	0	01/01/94	11/30/98	0.8774
56206990	0	01/01/94	11/30/98	0.8774
56207010	0	01/01/94	11/30/98	0.8806
56207020	0	01/01/94	11/30/98	0.8774
56207030	0	01/01/94	11/30/98	0.8445
56207050	0	01/01/94	11/30/98	0.3977
56207060	0	01/01/94	11/30/98	0.8042
56207060	203174	01/01/94	11/30/98	0.8039
56207070	0	01/01/94	11/30/98	0.8445
56207120	204688	01/01/94	11/30/98	0.7043
56207150	0	01/01/94	11/30/98	0.6967
56207160	0	01/01/94	11/30/98	0.6967
56207180	203150	01/01/94	11/30/98	0.6591
56207180	203973	01/01/94	11/30/98	0.6588
56207180	204700	01/01/94	11/30/98	0.6607
56207210	203966	01/01/94	11/30/98	0.8294
56207220	0	01/01/94	11/30/98	0.8454
56207220	202361	01/01/94	11/30/98	0.8452
56207230	0	01/01/94	11/30/98	0.8425
56207230	201794	01/01/94	11/30/98	0.8423
56207300	0	01/01/94	11/30/98	0.8055
56207330	0	01/01/94	11/30/98	0.7680
56207340	0	01/01/94	11/30/98	0.8055
56207360	0	01/01/94	11/30/98	0.8438
56207370	0	01/01/94	11/30/98	0.8438
56208520	0	01/01/94	11/30/98	0.8624
56210000	0	01/01/94	11/30/98	0.7878
58100300	0	01/01/94	11/30/98	0.1563
58100330	0	01/01/94	11/30/98	0.0207
58101820	0	01/01/94	11/30/98	0.0415
58101830	0	01/01/94	11/30/98	0.0466
58101830	204175	01/01/94	11/30/98	0.0453
58101910	0	01/01/94	11/30/98	0.0393
58101910	201254	01/01/94	11/30/98	0.0393
58101910	204707	01/01/94	11/30/98	0.0393
58103110	0	01/01/94	11/30/98	0.2891
58103110	100743	01/01/94	11/30/98	0.2891
58103110	200132	01/01/94	11/30/98	0.2891
58103110	204157	01/01/94	11/30/98	0.3294
58103310	101032	01/01/94	11/30/98	0.4666
58105100	0	01/01/94	11/30/98	0.4348

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58105110	0	01/01/94	11/30/98	0.3962
58106210	0	01/01/94	11/30/98	0.1215
58106310	0	01/01/94	11/30/98	0.1009
58106320	0	01/01/94	11/30/98	0.1009
58106510	0	01/01/94	11/30/98	0.1039
58106520	0	01/01/94	11/30/98	0.1039
58106520	100184	01/01/94	11/30/98	0.0905
58106520	204752	01/01/94	11/30/98	0.1074
58106520	204776	01/01/94	11/30/98	0.1070
58106710	0	01/01/94	11/30/98	0.0893
58106720	0	01/01/94	11/30/98	0.0893
58106720	100362	01/01/94	11/30/98	0.0796
58106740	0	01/01/94	11/30/98	0.0907
58106750	0	01/01/94	11/30/98	0.0907
58106750	204179	01/01/94	11/30/98	0.0808
58106760	0	01/01/94	11/30/98	0.1310
58107050	0	01/01/94	11/30/98	0.1578
58107210	0	01/01/94	11/30/98	0.1377
58107220	0	01/01/94	11/30/98	0.1377
58110110	0	01/01/94	11/30/98	0.3761
58110120	0	01/01/94	11/30/98	0.3874
58110130	0	01/01/94	11/30/98	0.3612
58110130	204112	01/01/94	11/30/98	0.3633
58110170	0	01/01/94	11/30/98	0.4310
58111200	0	01/01/94	11/30/98	0.0873
58112510	0	01/01/94	11/30/98	0.0946
58112510	100999	01/01/94	11/30/98	0.0946
58112510	204167	01/01/94	11/30/98	0.1273
58113110	0	01/01/94	11/30/98	0.0650
58121410	0	01/01/94	11/30/98	0.4696
58121410	205028	01/01/94	11/30/98	0.4689
58125110	0	01/01/94	11/30/98	0.0291
58125110	101210	01/01/94	11/30/98	0.0293
58125120	0	01/01/94	11/30/98	0.0214
58125120	101235	01/01/94	11/30/98	0.0216
58125120	101251	01/01/94	11/30/98	0.0214
58126110	0	01/01/94	11/30/98	0.0710
58126140	0	01/01/94	11/30/98	0.1264
58126270	0	01/01/94	11/30/98	0.0637
58128120	0	01/01/94	11/30/98	0.0705
58128220	0	01/01/94	11/30/98	0.1286
58130010	0	01/01/94	11/30/98	0.2351
58130010	100456	01/01/94	11/30/98	0.2332
58130010	100468	01/01/94	11/30/98	0.2353
58130010	100600	01/01/94	11/30/98	0.2340
58130010	200987	01/01/94	11/30/98	0.2351
58130010	201239	01/01/94	11/30/98	0.2356
58130010	201716	01/01/94	11/30/98	0.2355
58130010	202087	01/01/94	11/30/98	0.2353
58130010	202145	01/01/94	11/30/98	0.2346
58130010	202998	01/01/94	11/30/98	0.2352
58130010	203295	01/01/94	11/30/98	0.2358
58130010	203672	01/01/94	11/30/98	0.2329
58130010	204066	01/01/94	11/30/98	0.2337
58130010	204577	01/01/94	11/30/98	0.2342
58130010	204654	01/01/94	11/30/98	0.2343
58130010	204804	01/01/94	11/30/98	0.2359
58130010	204818	01/01/94	11/30/98	0.2342
58130010	204928	01/01/94	11/30/98	0.2345
58130010	204999	01/01/94	11/30/98	0.2334
58130010	205023	01/01/94	11/30/98	0.2346
58130010	205025	01/01/94	11/30/98	0.2337
58130020	0	01/01/94	11/30/98	0.2171
58130150	0	01/01/94	11/30/98	0.2170
58130310	0	01/01/94	11/30/98	0.2630
58130310	200077	01/01/94	11/30/98	0.2636
58130310	204920	01/01/94	11/30/98	0.2613
58130310	204921	01/01/94	11/30/98	0.2610
58130320	0	01/01/94	11/30/98	0.2406
58130320	202985	01/01/94	11/30/98	0.2412
58131100	0	01/01/94	11/30/98	0.0280
58131110	0	01/01/94	11/30/98	0.0891
58131310	0	01/01/94	11/30/98	0.0260
58131320	0	01/01/94	11/30/98	0.0854
58131510	0	01/01/94	11/30/98	0.0294
58131520	0	01/01/94	11/30/98	0.0914
58131530	0	01/01/94	11/30/98	0.0846
58131530	203897	01/01/94	11/30/98	0.1013
58131530	203898	01/01/94	11/30/98	0.1016

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58131600	0	01/01/94	11/30/98	0.0196
58132110	0	01/01/94	11/30/98	0.2625
58132310	0	01/01/94	11/30/98	0.1603
58132310	100548	01/01/94	11/30/98	0.1602
58132310	100742	01/01/94	11/30/98	0.1603
58132310	200434	01/01/94	11/30/98	0.1603
58132310	200855	01/01/94	11/30/98	0.1603
58132310	202057	01/01/94	11/30/98	0.1602
58132310	204263	01/01/94	11/30/98	0.1602
58132310	204563	01/01/94	11/30/98	0.1602
58132310	204833	01/01/94	11/30/98	0.1602
58132310	204909	01/01/94	11/30/98	0.1601
58132710	0	01/01/94	11/30/98	0.2132
58132820	0	01/01/94	11/30/98	0.4172
58132910	0	01/01/94	11/30/98	0.2131
58132910	101255	01/01/94	11/30/98	0.2131
58132910	204540	01/01/94	11/30/98	0.2131
58133110	0	01/01/94	11/30/98	0.0370
58133130	0	01/01/94	11/30/98	0.0888
58133140	0	01/01/94	11/30/98	0.0949
58134120	0	01/01/94	11/30/98	0.1030
58134130	0	01/01/94	11/30/98	0.0960
58134130	204796	01/01/94	11/30/98	0.0955
58134160	0	01/01/94	11/30/98	0.0520
58134610	0	01/01/94	11/30/98	0.3901
58134620	0	01/01/94	11/30/98	0.0920
58134650	0	01/01/94	11/30/98	0.0261
58134720	0	01/01/94	11/30/98	0.0306
58135110	0	01/01/94	11/30/98	0.0713
58136110	0	01/01/94	11/30/98	0.1464
58136110	100830	01/01/94	11/30/98	0.1463
58136110	202455	01/01/94	11/30/98	0.1463
58136110	203157	01/01/94	11/30/98	0.1464
58136120	0	01/01/94	11/30/98	0.2821
58136130	0	01/01/94	11/30/98	0.1289
58145110	0	01/01/94	11/30/98	0.2527
58145110	100035	01/01/94	11/30/98	0.2639
58145110	100038	01/01/94	11/30/98	0.2525
58145110	100067	01/01/94	11/30/98	0.2526
58145110	100074	01/01/94	11/30/98	0.2526
58145110	100100	01/01/94	11/30/98	0.2523
58145110	100111	01/01/94	11/30/98	0.2641
58145110	100958	01/01/94	11/30/98	0.2640
58145110	101168	01/01/94	11/30/98	0.2636
58145110	200082	01/01/94	11/30/98	0.2528
58145110	200648	01/01/94	11/30/98	0.2642
58145110	200700	01/01/94	11/30/98	0.2524
58145110	200712	01/01/94	11/30/98	0.2529
58145110	200718	01/01/94	11/30/98	0.2527
58145110	200776	01/01/94	11/30/98	0.2520
58145110	200998	01/01/94	11/30/98	0.2528
58145110	201287	01/01/94	11/30/98	0.2639
58145110	201556	01/01/94	11/30/98	0.2530
58145110	201667	01/01/94	11/30/98	0.2640
58145110	201909	01/01/94	11/30/98	0.2635
58145110	201943	01/01/94	11/30/98	0.2532
58145110	202062	01/01/94	11/30/98	0.2633
58145110	202506	01/01/94	11/30/98	0.2524
58145110	202617	01/01/94	11/30/98	0.2523
58145110	202856	01/01/94	11/30/98	0.2530
58145110	202927	01/01/94	11/30/98	0.2637
58145110	203131	01/01/94	11/30/98	0.2637
58145110	203265	01/01/94	11/30/98	0.2530
58145110	203862	01/01/94	11/30/98	0.2527
58145110	204026	01/01/94	11/30/98	0.2539
58145110	204074	01/01/94	11/30/98	0.2533
58145110	204087	01/01/94	11/30/98	0.2645
58145110	204122	01/01/94	11/30/98	0.2538
58145110	204124	01/01/94	11/30/98	0.2531
58145110	204211	01/01/94	11/30/98	0.2539
58145110	204253	01/01/94	11/30/98	0.3737
58145110	204254	01/01/94	11/30/98	0.3727
58145110	204524	01/01/94	11/30/98	0.2534
58145110	204530	01/01/94	11/30/98	0.2528
58145110	204560	01/01/94	11/30/98	0.2537
58145110	204573	01/01/94	11/30/98	0.2536
58145110	204644	01/01/94	11/30/98	0.2531
58145110	204683	01/01/94	11/30/98	0.2529
58145110	204774	01/01/94	11/30/98	0.2537

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58145110	204778	01/01/94	11/30/98	0.2637
58145110	204845	01/01/94	11/30/98	0.2538
58145110	204874	01/01/94	11/30/98	0.2652
58145110	205008	01/01/94	11/30/98	0.3999
58145114	0	01/01/94	11/30/98	0.4547
58145114	100040	01/01/94	11/30/98	0.4547
58145114	100042	01/01/94	11/30/98	0.4547
58145114	100079	01/01/94	11/30/98	0.4544
58145114	100090	01/01/94	11/30/98	0.4545
58145114	100092	01/01/94	11/30/98	0.5014
58145114	100106	01/01/94	11/30/98	0.5014
58145114	100126	01/01/94	11/30/98	0.6110
58145114	100232	01/01/94	11/30/98	0.5014
58145114	100268	01/01/94	11/30/98	0.5014
58145114	100294	01/01/94	11/30/98	0.5541
58145114	100380	01/01/94	11/30/98	0.5537
58145114	101077	01/01/94	11/30/98	0.4543
58145114	200445	01/01/94	11/30/98	0.4541
58145114	200473	01/01/94	11/30/98	0.4545
58145114	200503	01/01/94	11/30/98	0.4547
58145114	200541	01/01/94	11/30/98	0.4545
58145114	200808	01/01/94	11/30/98	0.4545
58145114	201129	01/01/94	11/30/98	0.4545
58145114	201179	01/01/94	11/30/98	0.5011
58145114	201232	01/01/94	11/30/98	0.4546
58145114	201584	01/01/94	11/30/98	0.4541
58145114	201592	01/01/94	11/30/98	0.4543
58145114	201972	01/01/94	11/30/98	0.4545
58145114	202001	01/01/94	11/30/98	0.4541
58145114	202050	01/01/94	11/30/98	0.4539
58145114	202355	01/01/94	11/30/98	0.4541
58145114	203477	01/01/94	11/30/98	0.4545
58145114	203832	01/01/94	11/30/98	0.4571
58145114	203860	01/01/94	11/30/98	0.4569
58145114	203959	01/01/94	11/30/98	0.4554
58145114	203963	01/01/94	11/30/98	0.4571
58145114	203989	01/01/94	11/30/98	0.4543
58145114	204018	01/01/94	11/30/98	0.4549
58145114	204117	01/01/94	11/30/98	0.4554
58145114	204135	01/01/94	11/30/98	0.4543
58145114	204327	01/01/94	11/30/98	0.4552
58145114	204333	01/01/94	11/30/98	0.4554
58145114	204516	01/01/94	11/30/98	0.4550
58145114	204557	01/01/94	11/30/98	0.5547
58145114	204729	01/01/94	11/30/98	0.4555
58145114	204808	01/01/94	11/30/98	0.5024
58145114	204937	01/01/94	11/30/98	0.4575
58145115	0	01/01/94	11/30/98	0.5345
58145120	0	01/01/94	11/30/98	0.2214
58145120	100521	01/01/94	11/30/98	0.2214
58145120	200545	01/01/94	11/30/98	0.2214
58145120	201431	01/01/94	11/30/98	0.2215
58145120	203026	01/01/94	11/30/98	0.2214
58145120	204559	01/01/94	11/30/98	0.2186
58145120	204847	01/01/94	11/30/98	0.2216
58145120	205001	01/01/94	11/30/98	0.2222
58145130	0	01/01/94	11/30/98	0.1785
58145130	101237	01/01/94	11/30/98	0.1792
58145130	202681	01/01/94	11/30/98	0.1785
58145140	0	01/01/94	11/30/98	0.3546
58145150	0	01/01/94	11/30/98	0.2193
58145150	100993	01/01/94	11/30/98	0.2193
58145150	101238	01/01/94	11/30/98	0.2184
58145150	203852	01/01/94	11/30/98	0.2199
58145150	203928	01/01/94	11/30/98	0.2194
58145160	203877	01/01/94	11/30/98	0.2040
58145160	204941	01/01/94	11/30/98	0.2038
58145170	0	01/01/94	11/30/98	0.2443
58145170	100218	01/01/94	11/30/98	0.2546
58145170	100413	01/01/94	11/30/98	0.2544
58145170	100469	01/01/94	11/30/98	0.2542
58145170	100487	01/01/94	11/30/98	0.2444
58145170	100881	01/01/94	11/30/98	0.2437
58145170	201430	01/01/94	11/30/98	0.2540
58145170	201821	01/01/94	11/30/98	0.2436
58145170	201925	01/01/94	11/30/98	0.2550
58145170	202126	01/01/94	11/30/98	0.2441
58145170	202746	01/01/94	11/30/98	0.2443
58145170	203927	01/01/94	11/30/98	0.2443

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58145170	204353	01/01/94	11/30/98	0.2548
58146100	0	01/01/94	11/30/98	0.4528
58146120	0	01/01/94	11/30/98	0.0786
58146120	203994	01/01/94	11/30/98	0.1065
58146150	0	01/01/94	11/30/98	0.4403
58146150	204374	01/01/94	11/30/98	0.4272
58147100	0	01/01/94	11/30/98	0.4150
58147310	0	01/01/94	11/30/98	0.3040
58147310	100089	01/01/94	11/30/98	0.3039
58147310	100861	01/01/94	11/30/98	0.3071
58147310	200861	01/01/94	11/30/98	0.3039
58147310	204877	01/01/94	11/30/98	0.3205
58147330	0	01/01/94	11/30/98	0.4667
58147330	101093	01/01/94	11/30/98	0.4667
58148110	0	01/01/94	11/30/98	0.3669
58148110	100320	01/01/94	11/30/98	0.3701
58148110	100558	01/01/94	11/30/98	0.3669
58148110	202859	01/01/94	11/30/98	0.3625
58148110	203088	01/01/94	11/30/98	0.3637
58148110	204059	01/01/94	11/30/98	0.3687
58148120	0	01/01/94	11/30/98	0.2876
58148120	100730	01/01/94	11/30/98	0.2902
58148130	0	01/01/94	11/30/98	0.3116
58148130	101228	01/01/94	11/30/98	0.3099
58148130	202070	01/01/94	11/30/98	0.3139
58148140	0	01/01/94	11/30/98	0.3175
58148150	100831	01/01/94	11/30/98	0.3221
58148160	0	01/01/94	11/30/98	0.2394
58148160	201511	01/01/94	11/30/98	0.2412
58148170	204168	01/01/94	11/30/98	0.2196
58148180	0	01/01/94	11/30/98	0.2513
58148500	0	01/01/94	11/30/98	0.3173
58148500	200916	01/01/94	11/30/98	0.3217
58148500	203139	01/01/94	11/30/98	0.3173
58148550	0	01/01/94	11/30/98	0.3017
58148550	100383	01/01/94	11/30/98	0.3017
58148550	100961	01/01/94	11/30/98	0.3017
58148550	203271	01/01/94	11/30/98	0.3027
58148550	204758	01/01/94	11/30/98	0.3050
58150110	0	01/01/94	11/30/98	0.3896
58150110	101037	01/01/94	11/30/98	0.4168
58150110	201383	01/01/94	11/30/98	0.3896
58150110	202499	01/01/94	11/30/98	0.3896
58150310	0	01/01/94	11/30/98	0.3930
58150310	100227	01/01/94	11/30/98	0.3931
58150310	100457	01/01/94	11/30/98	0.3928
58150310	101233	01/01/94	11/30/98	0.4121
58150310	204056	01/01/94	11/30/98	0.4116
58150310	204610	01/01/94	11/30/98	0.3947
58150310	204749	01/01/94	11/30/98	0.4118
58150510	0	01/01/94	11/30/98	0.3956
58155110	0	01/01/94	11/30/98	0.2150
58156210	0	01/01/94	11/30/98	0.2554
58156410	0	01/01/94	11/30/98	0.2099
58156610	100252	01/01/94	11/30/98	0.4435
58160110	0	01/01/94	11/30/98	0.5751
58160110	100109	01/01/94	11/30/98	0.2891
58160110	100495	01/01/94	11/30/98	0.3057
58160110	100756	01/01/94	11/30/98	0.2883
58160110	101153	01/01/94	11/30/98	0.2706
58160110	202795	01/01/94	11/30/98	0.3047
58160110	202997	01/01/94	11/30/98	0.6071
58160110	203184	01/01/94	11/30/98	0.2923
58160110	203814	01/01/94	11/30/98	0.2648
58160110	204262	01/01/94	11/30/98	0.3056
58160110	204880	01/01/94	11/30/98	0.5763
58160110	204943	01/01/94	11/30/98	0.2898
58160120	0	01/01/94	11/30/98	0.4303
58160120	100705	01/01/94	11/30/98	0.2148
58160120	203936	01/01/94	11/30/98	0.4309
58160120	204278	01/01/94	11/30/98	0.2237
58160130	0	01/01/94	11/30/98	0.3710
58160140	0	01/01/94	11/30/98	0.4862
58160140	204975	01/01/94	11/30/98	0.4891
58160150	0	01/01/94	11/30/98	0.2145
58160150	201187	01/01/94	11/30/98	0.2158
58160150	202717	01/01/94	11/30/98	0.2158
58160150	203010	01/01/94	11/30/98	0.2212
58160150	204520	01/01/94	11/30/98	0.2145

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58161300	0	01/01/94	11/30/98	0.4149
58161300	100214	01/01/94	11/30/98	0.4203
58161300	101234	01/01/94	11/30/98	0.4152
58161300	200211	01/01/94	11/30/98	0.4151
58161300	201024	01/01/94	11/30/98	0.4151
58161300	201635	01/01/94	11/30/98	0.4151
58161300	203925	01/01/94	11/30/98	0.4151
58161300	203945	01/01/94	11/30/98	0.4150
58161300	204174	01/01/94	11/30/98	0.4154
58161300	204801	01/01/94	11/30/98	0.4154
58161310	0	01/01/94	11/30/98	0.4842
58161310	204658	01/01/94	11/30/98	0.4842
58162110	100814	01/01/94	11/30/98	0.1121
58162110	203103	01/01/94	11/30/98	0.1130
58162310	0	01/01/94	11/30/98	0.5615
58162310	100991	01/01/94	11/30/98	0.5841
58162310	200250	01/01/94	11/30/98	0.5613
58162310	202704	01/01/94	11/30/98	0.5618
58162310	203379	01/01/94	11/30/98	0.5616
58163130	0	01/01/94	11/30/98	0.5482
58163210	0	01/01/94	11/30/98	0.4569
58163310	0	01/01/94	11/30/98	0.6929
58163310	201500	01/01/94	11/30/98	0.6933
58163310	202911	01/01/94	11/30/98	0.6927
58163310	203023	01/01/94	11/30/98	0.7178
58163310	203045	01/01/94	11/30/98	0.6930
58163330	0	01/01/94	11/30/98	0.7954
58163330	201015	01/01/94	11/30/98	0.7953
58163330	204363	01/01/94	11/30/98	0.7953
58163330	204859	01/01/94	11/30/98	0.8123
58163350	0	01/01/94	11/30/98	0.7458
58163350	201427	01/01/94	11/30/98	0.7457
58163360	0	01/01/94	11/30/98	0.7219
58163380	0	01/01/94	11/30/98	0.7288
58163380	100105	01/01/94	11/30/98	0.7287
58163380	101219	01/01/94	11/30/98	0.7299
58163380	202152	01/01/94	11/30/98	0.7293
58163380	202867	01/01/94	11/30/98	0.7539
58163380	203853	01/01/94	11/30/98	0.7290
58163380	203917	01/01/94	11/30/98	0.7287
58163380	204417	01/01/94	11/30/98	0.7292
58163410	0	01/01/94	11/30/98	0.2159
58163410	100085	01/01/94	11/30/98	0.2159
58163410	200460	01/01/94	11/30/98	0.2159
58163410	201421	01/01/94	11/30/98	0.2159
58163410	201485	01/01/94	11/30/98	0.2184
58163410	203302	01/01/94	11/30/98	0.2162
58163410	203674	01/01/94	11/30/98	0.2160
58163410	203819	01/01/94	11/30/98	0.2160
58163410	204855	01/01/94	11/30/98	0.2159
58163450	0	01/01/94	11/30/98	0.1313
58163510	0	01/01/94	11/30/98	0.6056
58163610	0	01/01/94	11/30/98	0.5090
58163610	202136	01/01/94	11/30/98	0.5092
58175110	0	01/01/94	11/30/98	0.3002
58400000	0	01/01/94	11/30/98	0.6620
58400100	0	01/01/94	11/30/98	0.7494
58400200	0	01/01/94	11/30/98	0.8423
58402010	0	01/01/94	11/30/98	0.4857
58402020	0	01/01/94	11/30/98	0.5104
58402030	0	01/01/94	11/30/98	0.0839
58402100	0	01/01/94	11/30/98	0.4914
58403010	0	01/01/94	11/30/98	0.4915
58403010	100046	01/01/94	11/30/98	0.3258
58403010	100165	01/01/94	11/30/98	0.5471
58403010	100609	01/01/94	11/30/98	0.6590
58403010	100737	01/01/94	11/30/98	0.4202
58403010	100936	01/01/94	11/30/98	0.1946
58403040	0	01/01/94	11/30/98	0.5032
58404010	0	01/01/94	11/30/98	0.4915
58404030	0	01/01/94	11/30/98	0.6339
58404500	0	01/01/94	11/30/98	0.7650
58404520	0	01/01/94	11/30/98	0.4424
58406010	0	01/01/94	11/30/98	0.4371
58406020	0	01/01/94	11/30/98	0.4922
58407010	0	01/01/94	11/30/98	0.9457
58407030	0	01/01/94	11/30/98	0.8478
58407030	100575	01/01/94	11/30/98	0.7358
58407030	101197	01/01/94	11/30/98	0.8744

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58407030	203653	01/01/94	11/30/98	0.9176
58407050	0	01/01/94	11/30/98	0.6786
58408010	0	01/01/94	11/30/98	0.6153
58408500	0	01/01/94	11/30/98	0.7249
58421010	0	01/01/94	11/30/98	0.2714
58421010	204753	01/01/94	11/30/98	0.2824
58421020	0	01/01/94	11/30/98	0.6868
58421020	203031	01/01/94	11/30/98	0.6868
58421020	204790	01/01/94	11/30/98	0.7510
58421020	204854	01/01/94	11/30/98	0.7520
58421060	0	01/01/94	11/30/98	0.2568
58421060	204785	01/01/94	11/30/98	0.2866
58421060	204814	01/01/94	11/30/98	0.2673
58421080	0	01/01/94	11/30/98	0.6060
58450300	0	01/01/94	11/30/98	0.0836
61201620	0	01/01/94	11/30/98	0.7204
61201630	0	01/01/94	11/30/98	0.7065
61210000	0	01/01/94	11/30/98	0.7146
61210620	0	01/01/94	11/30/98	0.7146
61210620	100058	01/01/94	11/30/98	0.7695
61210620	100593	01/01/94	11/30/98	0.6253
61210620	100653	01/01/94	11/30/98	0.7450
61210620	100718	01/01/94	11/30/98	0.7897
61210620	203539	01/01/94	11/30/98	0.8335
61210620	203855	01/01/94	11/30/98	0.4549
61210630	0	01/01/94	11/30/98	0.7037
61210820	0	01/01/94	11/30/98	0.7138
61210820	204792	01/01/94	11/30/98	0.7688
61225600	0	01/01/94	11/30/98	0.7131
61226000	204437	01/01/94	11/30/98	0.1935
62125110	0	01/01/94	11/30/98	0.3651
64104010	100010	01/01/94	11/30/98	0.1071
64104010	100107	01/01/94	11/30/98	0.1935
64104010	100828	01/01/94	11/30/98	0.3243
64104010	204267	01/01/94	11/30/98	0.2647
64104050	100284	01/01/94	11/30/98	0.1935
64104050	100285	01/01/94	11/30/98	0.3242
64104050	204380	01/01/94	11/30/98	0.1071
64104050	204812	01/01/94	11/30/98	0.5454
64104450	101236	01/01/94	11/30/98	0.1935
64116010	100454	01/01/94	11/30/98	0.1935
64116020	204806	01/01/94	11/30/98	0.3243
64116050	204974	01/01/94	11/30/98	0.1935
64116100	100488	01/01/94	11/30/98	0.1935
64116100	101195	01/01/94	11/30/98	0.2647
64116100	204479	01/01/94	11/30/98	0.5454
64116100	204826	01/01/94	11/30/98	0.3243
64116150	204319	01/01/94	11/30/98	0.1935
64124060	101167	01/01/94	11/30/98	0.9343
71501040	0	01/01/94	11/30/98	0.5987
71501040	200091	01/01/94	11/30/98	0.5987
71501040	200400	01/01/94	11/30/98	0.5987
71501040	200588	01/01/94	11/30/98	0.5987
71501040	200728	01/01/94	11/30/98	0.5984
71501040	200880	01/01/94	11/30/98	0.5987
71501040	201328	01/01/94	11/30/98	0.5984
71501040	201380	01/01/94	11/30/98	0.5984
71501040	201449	01/01/94	11/30/98	0.5987
71501040	201544	01/01/94	11/30/98	0.5987
71501040	201756	01/01/94	11/30/98	0.5981
71501040	201782	01/01/94	11/30/98	0.5987
71501040	202301	01/01/94	11/30/98	0.5987
71501040	202788	01/01/94	11/30/98	0.5987
71501040	204406	01/01/94	11/30/98	0.5984
71501040	204651	01/01/94	11/30/98	0.5984
71501040	204694	01/01/94	11/30/98	0.5981
71501090	0	01/01/94	11/30/98	0.6327
71501090	201137	01/01/94	11/30/98	0.6327
71501090	202764	01/01/94	11/30/98	0.6327
71501090	204140	01/01/94	11/30/98	0.6327
71501090	204780	01/01/94	11/30/98	0.6321
71501090	204836	01/01/94	11/30/98	0.6327
71501200	0	01/01/94	11/30/98	0.7536
71501300	0	01/01/94	11/30/98	0.5262
71704000	0	01/01/94	11/30/98	0.2413
71704000	203049	01/01/94	11/30/98	0.2520
71704000	204525	01/01/94	11/30/98	0.2411
71801000	0	01/01/94	11/30/98	0.2410
71801020	0	01/01/94	11/30/98	0.4857

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71801040	0	01/01/94	11/30/98	0.9200
71801100	0	01/01/94	11/30/98	0.1038
71901110	0	01/01/94	11/30/98	0.1972
71901110	203995	01/01/94	11/30/98	0.1975
72202010	0	01/01/94	11/30/98	0.3013
72202020	204037	01/01/94	11/30/98	0.1731
72202020	204038	01/01/94	11/30/98	0.1731
72302000	202861	01/01/94	11/30/98	0.6191
72308000	0	01/01/94	11/30/98	0.6466
72308500	0	01/01/94	11/30/98	0.8140
72308500	204172	01/01/94	11/30/98	0.8141
73501000	101148	01/01/94	11/30/98	0.6048
74402110	0	01/01/94	11/30/98	0.2976
74402200	0	01/01/94	11/30/98	0.1707
74601000	0	01/01/94	11/30/98	0.3279
74602010	0	01/01/94	11/30/98	0.4857
74602010	205018	01/01/94	11/30/98	0.7391
74602100	0	01/01/94	11/30/98	0.4553
74603010	0	01/01/94	11/30/98	0.5998
74604500	0	01/01/94	11/30/98	0.4743
74605010	0	01/01/94	11/30/98	0.4320
74606010	0	01/01/94	11/30/98	0.7167
74606020	0	01/01/94	11/30/98	0.5466
75340160	0	01/01/94	11/30/98	0.0663
75440100	0	01/01/94	11/30/98	0.0377
75440110	0	01/01/94	11/30/98	0.0311
75440200	0	01/01/94	11/30/98	0.2261
75460700	0	01/01/94	11/30/98	0.1535
75460710	0	01/01/94	11/30/98	0.1552
75460800	0	01/01/94	11/30/98	0.2126
75601200	0	01/01/94	11/30/98	0.5430
75601210	0	01/01/94	11/30/98	0.4557
75607000	0	01/01/94	11/30/98	0.6644
75607020	0	01/01/94	11/30/98	0.4857
75607020	203961	01/01/94	11/30/98	0.2375
75607090	0	01/01/94	11/30/98	0.2410
75608100	0	01/01/94	11/30/98	0.6640
75609000	0	01/01/94	11/30/98	0.4874
75609020	0	01/01/94	11/30/98	0.5415
75649010	0	01/01/94	11/30/98	0.4915
75649010	100127	01/01/94	11/30/98	0.3258
75649010	100724	01/01/94	11/30/98	0.6590
75649030	0	01/01/94	11/30/98	0.5000
75649050	0	01/01/94	11/30/98	0.9347
75649110	0	01/01/94	11/30/98	0.4909
75649150	0	01/01/94	11/30/98	0.5564
75651000	0	01/01/94	11/30/98	0.5563
75651000	100357	01/01/94	11/30/98	0.5591
75651000	205010	01/01/94	11/30/98	0.5839
75651010	0	01/01/94	11/30/98	0.4915
75651020	0	01/01/94	11/30/98	0.4857
75651040	0	01/01/94	11/30/98	0.4915
75651050	0	01/01/94	11/30/98	0.4915
75651070	0	01/01/94	11/30/98	0.4220
75651110	0	01/01/94	11/30/98	0.7678
75651120	0	01/01/94	11/30/98	0.4915
75651140	0	01/01/94	11/30/98	0.5558
75652010	0	01/01/94	11/30/98	0.4162
75652040	0	01/01/94	11/30/98	0.4380
75652050	0	01/01/94	11/30/98	0.4291
75657000	0	01/01/94	11/30/98	0.9494
81302010	0	01/01/94	11/30/98	0.1786
81302020	0	01/01/94	11/30/98	0.1523
91301100	0	01/01/94	11/30/98	0.6747
91361010	0	01/01/94	11/30/98	0.5378
91405500	0	01/01/94	11/30/98	0.1247
91501020	0	01/01/94	11/30/98	0.5454
91501020	100610	01/01/94	11/30/98	0.5320
91501020	101190	01/01/94	11/30/98	0.5272
91501020	202715	01/01/94	11/30/98	0.5859
91501020	203486	01/01/94	11/30/98	0.5368
91501020	204151	01/01/94	11/30/98	0.4471
91501020	204876	01/01/94	11/30/98	0.5332
91501040	0	01/01/94	11/30/98	0.5021
91501040	204873	01/01/94	11/30/98	0.5021
91511010	0	01/01/94	11/30/98	0.9785
92100000	0	01/01/94	11/30/98	0.8800
92101000	0	01/01/94	11/30/98	1.0000
92101700	0	01/01/94	11/30/98	1.0000

Food code	Modcode	Start date	End date	G_i
92103000	0	01/01/94	11/30/98	0.9909
92105000	0	01/01/94	11/30/98	0.8000
92111010	0	01/01/94	11/30/98	1.0000
92114000	0	01/01/94	11/30/98	0.9909
92121020	0	01/01/94	11/30/98	0.9392
92301000	0	01/01/94	11/30/98	0.0860
92301130	0	01/01/94	11/30/98	0.0950
92302000	0	01/01/94	11/30/98	1.0000
92302200	0	01/01/94	11/30/98	0.9499
92302300	0	01/01/94	11/30/98	0.9958
92302400	0	01/01/94	11/30/98	0.9499
92302500	0	01/01/94	11/30/98	1.0000
92302600	0	01/01/94	11/30/98	0.9499
92302700	0	01/01/94	11/30/98	0.9958
92302800	0	01/01/94	11/30/98	0.9499
92305000	0	01/01/94	11/30/98	0.9122
92305010	0	01/01/94	11/30/98	0.9941
92305040	0	01/01/94	11/30/98	0.9734
92305050	0	01/01/94	11/30/98	0.9734
92305090	0	01/01/94	11/30/98	0.9934
92305110	0	01/01/94	11/30/98	0.9933
92305180	0	01/01/94	11/30/98	0.9941
92306000	0	01/01/94	11/30/98	1.0000
92306700	0	01/01/94	11/30/98	1.0000
92511010	0	01/01/94	11/30/98	0.7786
92511010	100545	01/01/94	11/30/98	0.8665
92511010	204323	01/01/94	11/30/98	0.8023
92511020	0	01/01/94	11/30/98	0.7092
92511110	0	01/01/94	11/30/98	0.7094
92511250	0	01/01/94	11/30/98	0.7163
92512050	0	01/01/94	11/30/98	0.7714
92530520	100166	01/01/94	11/30/98	0.1935
92530520	101211	01/01/94	11/30/98	0.1071
92530610	100656	01/01/94	11/30/98	0.3243
92530610	204827	01/01/94	11/30/98	0.4186
92530910	0	01/01/94	11/30/98	0.7089
92530910	100655	01/01/94	11/30/98	0.7851
92530910	204199	01/01/94	11/30/98	0.7485
92531020	0	01/01/94	11/30/98	0.7128
92541010	0	01/01/94	11/30/98	0.9081
92541010	101001	01/01/94	11/30/98	0.9518
92541020	0	01/01/94	11/30/98	0.9046
92541040	0	01/01/94	11/30/98	0.9938
92541100	0	01/01/94	11/30/98	0.9081
92542000	0	01/01/94	11/30/98	0.8716
92544000	0	01/01/94	11/30/98	0.9024
92544000	100276	01/01/94	11/30/98	0.9475
92544000	100287	01/01/94	11/30/98	0.9244
92544000	100306	01/01/94	11/30/98	0.8240
92544000	100751	01/01/94	11/30/98	0.9636
92544000	100915	01/01/94	11/30/98	0.9718
92544000	101164	01/01/94	11/30/98	0.9002
92544000	101246	01/01/94	11/30/98	0.9170
92544000	201653	01/01/94	11/30/98	0.8614
92544000	202341	01/01/94	11/30/98	0.9319
92544000	203903	01/01/94	11/30/98	0.6998
92544000	203904	01/01/94	11/30/98	0.6502
92544000	203907	01/01/94	11/30/98	0.7006
92544000	203946	01/01/94	11/30/98	0.9730
92544000	203979	01/01/94	11/30/98	0.7783
92544000	204008	01/01/94	11/30/98	0.7880
92544000	204015	01/01/94	11/30/98	0.7897
92544000	204034	01/01/94	11/30/98	0.9255
92544000	204044	01/01/94	11/30/98	0.9328
92544000	204104	01/01/94	11/30/98	0.9312
92544000	204142	01/01/94	11/30/98	0.9800
92544000	204145	01/01/94	11/30/98	0.8423
92544000	204269	01/01/94	11/30/98	0.9133
92544000	204279	01/01/94	11/30/98	0.8594
92544000	204289	01/01/94	11/30/98	0.9123
92544000	204307	01/01/94	11/30/98	0.8814
92544000	204351	01/01/94	11/30/98	0.8234
92544000	204640	01/01/94	11/30/98	0.9250
92544000	204759	01/01/94	11/30/98	0.9035
92544000	204860	01/01/94	11/30/98	0.9819
92544000	204884	01/01/94	11/30/98	0.8822
92544000	204990	01/01/94	11/30/98	0.9281
92550110	204252	01/01/94	11/30/98	0.1935
92550610	101248	01/01/94	11/30/98	0.5000

Food code	Modcode	Start date	End date	G_i
92552000	0	01/01/94	11/30/98	0.9883
92610010	0	01/01/94	11/30/98	0.7868
92611510	0	01/01/94	11/30/98	0.8932
92611510	204076	01/01/94	11/30/98	0.0227
92611510	204265	01/01/94	11/30/98	0.0227
92611510	204737	01/01/94	11/30/98	0.7449
92613010	0	01/01/94	11/30/98	0.4182
92731000	0	01/01/94	11/30/98	0.9081
92741000	0	01/01/94	11/30/98	0.9950
94000000	0	01/01/94	11/30/98	1.0000

Appendix D
Statistical Methods and Sample Design

This appendix describes the statistical methods used to generate point and interval estimates of daily average per capita water ingestion. Point estimates include the mean, 1st, 5th, 10th, 25th, 50th, 75th, 90th, 95th, and 99th percentiles. Mean estimates were generated using ratio estimation techniques. Empirical percentiles were estimated using nonparametric techniques. All estimates incorporated CSFII survey weights to project a sampled individual's consumption to the population.

The majority of the per capita water ingestion estimates in this report are presented for specific subpopulations and water source. The design of the CSFII survey did not always support estimation of the variance when subpopulations were evaluated. Without a variance estimate, confidence intervals about the mean or bootstrap intervals about percentile estimates cannot be produced. Therefore, the tabulated presentations in Appendix E include only point estimates. However, the survey did support variance, and thus interval estimation, for some subpopulations. These estimates are presented in the key figures of Chapter 4 augmenting tabulated estimates for all individuals.

When a variance was estimated for the mean per capita ingestion, we estimated the variance of the mean using a Taylor series approximation of the deviation of estimates from their expected values. The Taylor series approximations were applied to ultimate clusters, which resulted in an overall estimate of the variance instead of estimating variance components due to sample-design stages. We include the statistical formulae for generating both the mean estimate and the estimate of the confidence interval about the mean. We also provide the method for generating percentile estimates and estimates of 90 percent bootstrap intervals about the percentile estimates.

The primary sampling stage of the 1994–1996 CSFII divided the 50 United States and the District of Columbia into 1,404 primary sampling units (PSUs). A Metropolitan Statistical Area (MSA), a fraction of an MSA, counties, or groups of counties comprised a PSU. The federal Office of Management and Budget defines an MSA as "a geographic area consisting of a large population nucleus together with adjacent communities that have a high degree of economic and social integration with the nucleus" (1994–96 CSFII survey documentation, p. 14–4).

In general, an MSA constituted a single PSU for the 1994–1996 CSFII. There were three exceptions: New York, Los Angeles, and Chicago. The New York MSA was divided into three PSUs while the other two exceptions each comprised two PSUs. From the 1,404 PSUs constituting the United States, the primary stage CSFII sample selected 62 PSUs. The 24 largest of the 1,404 PSUs were included in the CSFII with certainty. The remaining 1,380 PSUs were assigned to one of 38 strata based on their 1990 population, percentage of black and Hispanic populations, and per capita income. One PSU was then selected from each of the 38 strata with selection probability proportional to the 1990

population. Of the 62 PSUs resulting from the first stage, 50 were MSAs and 12 were non-MSAs.

Then, each of the 62 sampled PSUs was divided into 36 area segments consisting of blocks or groups of blocks. Twelve area segments were sampled each year of the survey with three segments sampled during each quarter of the given year. From a sampled area segment, households were drawn from dwelling unit listings, and individuals were then selected from the sampled household. Individual selection occurred to ensure specified estimation criteria for given sex-age categories based on screening questionnaire results.

To facilitate variance estimation, PSUs were assigned to variance estimation strata (VES). Two PSUs, referred to in the CSFII documentation as variance estimation units (VEU), were assigned to a variance estimation stratum. The 38 PSUs sampled were paired with adjacent PSUs to form 19 VES. The 24 PSUs that were sampled with certainty formed 24 VES. Each PSU that was sampled with certainty had one half of its area segments assigned to a VEU within the VES. The remaining area segments from the PSU were assigned to the second VEU within the area segment. Therefore, the 1994–1996 CSFII is comprised of 43 VES. Variance estimation was not supported for several subpopulations evaluated in this report because data must be available from each VEU to generate a variance for a VES. When samples at the subpopulation level are small, this is not the case.

The 1998 CSFII augments the 1994 through 1996 survey. The USDA conducted the survey in response to the 1996 Food Quality Protection Act of 1996 which requires that consumption patterns include information from a statistically valid sample of infants and children. The 1998 CSFII includes a nationally representative sample of non-institutionalized children aged 9 and younger. The same primary and secondary stage sampling units were used for the 1998 CSFII as for the 1994–1996 CSFII. The same 24 area segments used in the last 2 years of the 1994–1996 CSFII were selected from each of the 62 PSUs because they contained the most current listing information.

For this report, an ultimate cluster is considered the aggregate of the sampled individuals within a VEU. The ultimate cluster method is supported by the survey design. It is also necessary for estimating the variance of the mean estimate. Because the sample design contains multiple levels, such as VES and VEU, specific information is necessary to partition the variance-of-the-mean estimate into components. That is, specification of the sample size and population size within each level of sampling is required. However, this information is not inherent in the CSFII data. Rather, the CSFII reports an adjusted sample weight for each individual who reported 2 nonconsecutive days of consumption data during the survey. Given that only the adjusted weight was available, and not the specific sample and population size in each phase, it was necessary to estimate the mean using ratio estimation techniques and the variance of the mean using the ultimate cluster methodology, which does not partition the variance into sample design components.

All estimates presented in this report incorporate 4-year, 2-day survey weights. The 1998 CSFII

data was weighted using the same approach used for the 1994, 1995, and 1996 data. First, an annual set of survey weights for 2-day respondents was built using the sampling fraction for the year. This sampling fraction is the product of the probability of selecting the PSU, the area segment within the PSU, the household within the segment, and then selecting an eligible individual within the household. These weights were adjusted for nonresponse and recalibrated to the corresponding year's March Current Population Survey (CPS) population within 16 sociodemographic cells using the “raking ratio weighting” process. This was done so that the weights would be consistent with the previously computed CSFII 1994–1996 (3-year) weights. Next, the CSFII 1998 sample was combined with the CSFII 1994–1996 sample using a "composite estimation approach," in which the combined estimator is a linear combination of the corresponding recalibrated 1994–1996 and 1998 CSFII 2-day weights. The results were then recalibrated a final time using the same raking procedure (CSFII survey documentation, pp. 5–8 through 5-18). These adjusted sample weights, which are recorded in the CSFII data in the variable WT4_2DAY, record the number of individuals the sampled person represents in the population. For example, a sample weight valued as 22 projects the data from the individual with that sample weight to 22 individuals in the population of the 50 United States and the District of Columbia.

The mean, daily average per capita ingestion for a given commodity type was estimated as the ratio of total consumption ingested by the United States population or subpopulation, divided by the estimate of the total number of individuals in the population or subpopulation.

Let R_t designate the mean, daily average per capita ingestion for the tth water source and subpopulation category. R_t is then estimated as

$$\hat{R}_t = \frac{\hat{Y}_t}{\hat{X}} .$$

To estimate the numerator,

$$\hat{Y}_t ,$$

or the total daily average consumption for the tth type, let

h=variance estimation stratum (VES)	h=1...43
i=variance estimation units (VEU)	i=1,2
j=individual	$j=1,2,3,...,n_{hi}$

and y_{thij} be the daily average consumption in milliliters from the tth source by the jth individual sampled from the ith variance estimation unit in the hth variance estimation stratum. The survey weight for the jth individual in the ith VEU from the hth VES is designated w_{hij}.

To estimate

$$\hat{X},$$

the total number of individuals in the population or subpopulation, the variable x_{hij} is valued as 1 if the jth person is in the ith VEU in the hth VES. Otherwise, x_{hij} is valued as zero.

Then

$$\hat{Y}_t = \sum_{h=1}^{43} \sum_{i=1}^{2} \sum_{j=1}^{n_{hi}} w_{hij} y_{thij}$$

and

$$\hat{X} = \sum_{h=1}^{43} \sum_{i=1}^{2} \sum_{j=1}^{n_{hi}} w_{hij} x_{hij} .$$

To estimate the variance of the mean ($V(R_t)$), first define the linearized variable

$$\hat{Z}_{thij}$$

as

$$\hat{Z}_{thij} = \frac{w_{hij}(y_{thij} - \hat{R}_t)}{\hat{X}} .$$

Thus, the value

$$\hat{Z}_{thij}$$

is the weighted difference between the daily average consumption for the jth individual and the estimated mean, daily average per capita ingestion for the population.

Then, as the first component of the cluster, the values of

$$\hat{z}_{thij}$$

are summed across the n_{thi} sampled individuals in the ith VEU from the hth VES. That is,

$$\hat{Z}_{thi} = \sum_{j=1}^{n_{thi}} \hat{z}_{thij} \ .$$

This calculation was performed for each of the two VEUs comprising a given VES. The mean of the VEU weighted deviations for each VES was then determined as

$$\bar{Z}_{th} = \frac{\hat{Z}_{th1} + \hat{Z}_{th2}}{2} \ .$$

The ultimate cluster variance of the mean was calculated as

$$V(\hat{R}_t) \approx V(\hat{Z}_t)) = \sum_{h=1}^{43} 2[(\hat{Z}_{th1} - \bar{Z}_{th})^2 + (\hat{Z}_{th2} - \bar{Z}_{th})^2].$$

A 90–percent confidence interval about the estimated mean, daily average per capita ingestion was estimated as

$$C.I._{90} = \hat{R}_t \pm 1.645 * (V(\hat{R}_t))^{1/2} \ .$$

To demonstrate that the variance of the mean was estimated using a Taylor Series approximation applied to ultimate clusters, define the function g(X,Y) as Y/X, where Y is the estimated total of the daily average consumption by the population in the 50 States and Washington, D.C., and X is the estimated population in the 50 States and Washington, D.C. Notice that the function g(X,Y) is the estimator for the mean, daily average per capita ingestion, as defined above. Let μ_y and μ_x, respectively, be the expected values of the variables Y and X. Then, the function F(X,Y) can be expanded in a Taylor series about these expected values such that

$$F(X,Y) = F(\mu_x,\mu_y) + \partial F_x(\mu_x,\mu_y)(X-\mu_x) + \partial F_y(\mu_x,\mu_y)(Y-\mu_y) + \textit{higher order terms}.$$

$\partial F_x(\mu_x,\mu_y)$ is the first order partial derivative of F with respect to X evaluated at the expected value of X, and $\partial F_y(\mu_x,\mu_y)$ is the first order partial derivative of F with respect to Y evaluated at the expected value of Y. If F(X,Y) is defined as E(g(X,Y)), then

$$E(\frac{\hat{Y}}{\hat{X}}) = \frac{\mu_y}{\mu_x}$$

since $E(X-\mu_x)=0$ and $E(Y-\mu_y)=0$. Therefore, if the higher order terms of the series are considered negligible, the mean estimator is unbiased.

Define the variance of the estimated mean as V(F(X,Y)). If F(X,Y) is defined as E(g(X,Y)), then

$$V(F(X,Y)) = E[F(X,Y) - F(\mu_x,\mu_y)]^2.$$

Thus, the variance of the mean can be calculated as

$$V(F(X,Y)) = (\partial F_x)^2 E(X-\mu_x)^2 + (\partial F_y)^2 E(Y-\mu_y)^2 + 2(\partial F_x)(\partial F_y) E(X-\mu_x)(Y-\mu_y) ,$$

which is equivalent to

$$V(F(X,Y)) = (\partial F_x)^2 V(X) + (\partial F_y)^2 V(Y) + 2(\partial F_x)(\partial F_y) Cov(X,Y) .$$

Based on a method suggested by Woodruff (Woodruff 1971), which creates a synthetic variable from the variable portion of the Taylor series variance estimate, the Taylor series variance estimate can be approximated as

$$V(F(X,Y)) = V(Z_i) ,$$

where the synthetic variable is

$$Z_i = \partial F_x(X,Y) x_i + \partial F_y(X,Y) y_i .$$

If F(X,Y) is defined as E(g(X,Y)), which in this case is

$$E\left(\frac{\hat{Y}_t}{\hat{X}}\right) = \frac{\sum_{h=1}^{43}\sum_{i=1}^{2}\sum_{j=1}^{n_{hi}} w_{hij} Y_{thij}}{\sum_{h=1}^{43}\sum_{i=1}^{2}\sum_{j=1}^{n_{hi}} w_{hij} X_{hij}} ,$$

then Z_i becomes Z_{thij} in keeping with the sample design, and

$$Z_{thij} = \frac{-\left(\sum_{h=1}^{43}\sum_{i=1}^{2}\sum_{j=1}^{n_{hi}} w_{hij} Y_{thij}\right) * w_{hij} X_{hij}}{\left(\sum_{h=1}^{43}\sum_{i=1}^{2}\sum_{j=1}^{n_{hi}} w_{hij} X_{hij}\right)^2} + \frac{w_{hij} Y_{thij}}{\sum_{h=1}^{43}\sum_{i=1}^{2}\sum_{j=1}^{n_{hi}} w_{hij} X_{hij}} .$$

After collecting like terms and substituting the estimators for the summations as they are defined previously, the equation becomes

$$\hat{Z}_{thij} = \frac{w_{hij}(y_{thij} - \hat{R}_t x_{hij})}{\hat{X}} .$$

Since X_{hij} is 1 if the j th individual is in the sample, and 0 otherwise, the estimator for Z_{thij} can be expressed as

$$\hat{Z}_{thij} = \frac{w_{hij}(y_{thij} - \hat{R}_t)}{\hat{X}} .$$

Notice that this expression of

$$\hat{Z}_{thij}$$

is the weighted difference between the daily average consumption for the j th individual and the estimated mean, daily average per capita ingestion for the population, as defined earlier.

Estimates presented in this report were generated by coding the estimation formulae in SAS ®, the statistical computing language. The linear approximation to the Taylor series estimate of the variance was the method of choice because estimates were verified using SUDAAN, a commercially available software package based on the same approach (Shah 1996).

Using the same synthetic variable Z, the procedure invoked by SUDAAN, when there is sampling with replacement at the first stage of the sample design (DESIGN = WR), estimates the variance as

$$Var(Z) = \sum_{h=1}^{H} n_h S^2{}_h$$

where

$$S^2{}_h = \sum_{i=1}^{n_h} [z_{hi} - \bar{z}_h]^2 / [n_h - 1]$$

with

$$z_{hi} = \sum_{j=1}^{m_{hi}} z_{hij}$$

and

$$\bar{z}_h = \sum_{i=1}^{n_h} z_{hi}/n_h \ .$$

Notice that if the value 2—for the two VEUs sampled from each VES with replacement—is substituted for n_h in the previous four equations, which are listed as written in the April 1996 technical manual for SUDAAN version 7.0, then the estimator becomes the ultimate cluster estimator listed in Section 3.1.1 (Shah 1996).

To generate percentile estimates, denote the pth percentile of the distribution F as θ_p. Define θ_p as

$$\theta_p = \inf\{F(Y) \geq p\}.$$

The cumulative distribution, F(Y), is estimated as

$$F(\hat{Y}) = \sum_{h=1}^{43} \sum_{i=1}^{2} \sum_{j=1}^{n_{hi}} w_{hij}{}^{*} a_{hij}$$

with

$$w_{hij}{}^{*} = \frac{w_{hij}}{\sum_{h=1}^{43} \sum_{i=1}^{2} \sum_{j=1}^{n_{hii}} w_{hij}} = \frac{w_{hij}}{\hat{X}}$$

and $a_{hij} = 1$ if $y_{hij} \leq y$; 0 otherwise.

Thus, the pth percentile is estimated as

$$\hat{F}^{-1}(p),\ 0<p<1 \ .$$

Computationally, y_{hij} is arranged in ascending order across all values of the indices. The survey weights associated with the arranged y_{hij} are summed until the first instance when the value of p is exceeded.

In addition to percentiles from the empirical distributions of daily average water intake, tables in Chapter 4 reports 90–percent interval estimates for the 90th, 95th, and 99th percentiles. Reported interval estimates are nonparametric estimates resulting from bootstrapping techniques reported by Efron (Efron

1982).

The reported bootstrap intervals do not result from direct estimates of the standard deviation of the point estimate. Rather, the bootstrap estimates result from the percentile method, which estimates the lower and upper bounds for the interval estimate by the 100 α percentile and 100(1$-\alpha$) percentile estimates from the nonparametric distribution of the given point estimate. This distribution of the observed values of the given point estimate is determined from repeated resampling of the empirical data.

Resampling was conducted, with replacement, in accordance with the structure of the sampling data. That is, sampling was conducted at the Variance Estimation Unit (VEU) level. For each bootstrap sampling iteration, the n_{hij} daily average intake values in a VEU were resampled with replacement until the resample contained n_{hij} observations. The frequency of a given consumption value from the VEU in the resample is determined by either a Poisson or binomial random number generator. If the number of observations remaining to be drawn for the resample at the kth draw, where $0<k\leq n_{hij}$, is greater than 50, and the ratio of the number of observations remaining to be drawn to the number of draws remaining is less than five, then the random number for the frequency the given observation appears in the resample results from a Poisson distribution. The mean of the Poisson distribution is the ratio of the number of observations remaining to be drawn to the number of draws remaining. If the number of observations remaining to be included in the resample is less than or equal to 50, the frequency for the given observation results from a binomial random number generator. The binomial distribution for the random generator has an n equal to the number of remaining draws and a p of one divided by the number of remaining draws. This method is an adaptation of a method provided by Ahrens and Dieter (Kennedy 1980).

As an illustration of the resampling algorithm, suppose there are 129 observations in a given VEU. At the initiation of the bootstrap resampling, the ratio of the number of observations remaining to be drawn in the resample to the number of draws remaining is 1. Therefore, a number is generated from a Poisson random number generator with the mean of 1. The number from the random generator determines the number of times the value of the first observation from the original sample is included in the bootstrap resample. Further, suppose that after the 99th draw from the sample, 101 observations were included in the bootstrap resample. For the 100th draw, there are 28 (129 minus 101) observations remaining to be included in the resample. After the 99th draw, there are 30 draws remaining to be conducted. Therefore, the frequency with which the 100th observation in the original sample will appear in the resample is determined from a binomial random generator with n=28 and p=1/30.

One thousand resamples were drawn from each VEU. For each complete set of VEUs, the given point estimate was calculated. Therefore, if (x^*_1, x^*_2, x^*_3, ..., x^*_{1000}) represents the 1,000 bootstrap resamples, then let (p^*_1, p^*_2, p^*_3, ..., p^*_{1000}) represent the resulting estimates of the pth percentile from the 1,000 resamples. The value of the 5th percentile of the empirical distribution of the given percentile estimate from the bootstrap resamples ($p^*_{5\%}$) is the lower bound for the 90–percent bootstrap interval

estimate. Likewise, the value of the 95th percentile from the distribution of bootstrap estimates ($p^*_{95\%}$) is the upper bound estimate for the 90–percent interval estimate. The central point of the estimated 90–percent interval is not necessarily the reported value of the pth percentile estimate; this is due to the asymmetry of the distribution of the percentile estimates.

Appendix E
Per Capita Water Ingestion Estimates

Tabulated estimates of per capita water ingestion are presented in four parts. Each part includes estimates of the mean and empirical percentiles from the empirical distribution of daily average per capita ingestion and contains five sets of tables that differ by water source. These sources are community water, bottled water, water from other sources, missing source, and total water. Units are milliliters per person per day for Parts I and III, and milliliters per kilogram of body weight per day for Parts II and IV.

For a given source of water, tables of estimates are presented by type of ingestion. Direct ingestion estimates are reported first. Direct ingestion is defined as plain water ingested as a beverage. Estimates of indirect ingestion—water ingested through foods with water added at the final phase of preparation, at home or locally—follow the estimates of directly ingested water. The third set of estimates is total ingestion, which is direct and indirect water ingested from that given source.

All water source and type of ingestion estimates are presented for three sociodemographic subsets. These sociodemographic subsets are as follows:

- Gender and broad age categories
- Fine age categories
- Pregnant, lactating, and childbearing-aged women.

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Part I: Estimates of Direct, Indirect, and Both Direct and Indirect Water Ingestion
Table A1. Community Water: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	763	1,920,275	42	-	-	-	-	-	26	120	235	482*
	1-10	4,008	19,501,138	251	-	-	-	-	146	348	625	880	1,423
	11-19	825	16,495,997	408	-	-	-	-	230	583	1,058	1,446	2,245*
	20 +	4,572	96,012,199	549	-	-	-	-	349	817	1,395	1,865	3,062
	All ages	10,168	133,929,609	481	-	-	-	-	262	701	1,216	1,654	2,836
Indirect	< 1	763	1,920,275	304	-	-	-	-	105	589	802	959	1,371*
	1-10	4,008	19,501,138	133	-	-	-	12	79	200	353	445	706
	11-19	825	16,495,997	184	-	-	-	6	96	261	470	686	1,157*
	20 +	4,572	96,012,199	489	-	-	-	119	365	700	1,080	1,394	2,367
	All ages	10,168	133,929,609	397	-	-	-	57	258	585	949	1,272	2,093
Direct and Indirect	< 1	763	1,920,275	347	-	-	-	-	177	641	860	1,030	1,485*
	1-10	4,008	19,501,138	384	-	-	10	105	286	543	868	1,087	1,704
	11-19	825	16,495,997	592	-	-	18	161	407	846	1,313	1,745	2,592*
	20 +	4,572	96,012,199	1,039	-	-	53	370	870	1,461	2,126	2,652	4,197
	All ages	10,168	133,929,609	879	-	-	28	245	674	1,258	1,932	2,419	3,803
b. Male													
Direct	< 1	723	1,902,086	36	-	-	-	-	-	12	111	216	454*
	1-10	4,149	20,608,176	265	-	-	-	-	174	355	704	924	1,412
	11-19	816	17,057,939	544	-	-	-	68	348	702	1,277	1,636	3,633*
	20 +	4,751	88,399,426	600	-	-	-	-	352	865	1,450	1,891	3,773
	All ages	10,439	127,967,627	530	-	-	-	-	294	709	1,301	1,866	3,426
Indirect	< 1	723	1,902,086	272	-	-	-	-	56	510	847	976	1,363*
	1-10	4,149	20,608,176	140	-	-	-	10	84	204	357	503	776
	11-19	816	17,057,939	228	-	-	-	11	128	304	566	819	1,368*
	20 +	4,751	88,399,426	562	-	-	-	122	412	785	1,210	1,597	3,094
	All ages	10,439	127,967,627	445	-	-	-	54	267	631	1,064	1,412	2,732
Direct and Indirect	< 1	723	1,902,086	308	-	-	-	-	86	565	876	1,028	1,425*
	1-10	4,149	20,608,176	405	-	-	4	111	313	591	910	1,134	1,685
	11-19	816	17,057,939	772	-	-	54	233	551	1,016	1,658	2,015	3,947*
	20 +	4,751	88,399,426	1,162	-	-	89	465	982	1,584	2,337	2,935	4,910
	All ages	10,439	127,967,627	975	-	-	38	288	743	1,363	2,113	2,660	4,476

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A1. Community Water: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,486	3,822,361	39	-	-	-	-	-	15	115	233	469*
	1-10	8,157	40,109,314	258	-	-	-	-	153	351	668	918	1,415
	11-19	1,641	33,553,936	477	-	-	-	42	282	639	1,162	1,536	3,062*
	20 +	9,323	184,411,625	573	-	-	-	-	351	823	1,417	1,879	3,402
	All ages	20,607	261,897,236	505	-	-	-	-	290	707	1,268	1,768	3,242
Indirect	< 1	1,486	3,822,361	288	-	-	-	-	78	550	823	963	1,369*
	1-10	8,157	40,109,314	137	-	-	-	11	81	201	354	472	752
	11-19	1,641	33,553,936	206	-	-	-	9	111	287	513	770	1,307*
	20 +	9,323	184,411,625	524	-	-	-	120	384	739	1,145	1,491	2,688
	All ages	20,607	261,897,236	421	-	-	-	56	263	605	1,009	1,332	2,373
Direct and Indirect	< 1	1,486	3,822,361	327	-	-	-	-	118	610	872	1,031	1,442*
	1-10	8,157	40,109,314	395	-	-	8	108	297	563	892	1,116	1,688
	11-19	1,641	33,553,936	684	-	-	26	191	473	938	1,534	1,947	3,671*
	20 +	9,323	184,411,625	1,098	-	-	66	418	920	1,522	2,224	2,801	4,488
	All ages	20,607	261,897,236	926	-	-	30	263	710	1,311	2,014	2,544	4,242

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	397	969,255	24	-	-	-	-	-	-	58	114*	467*
	0.5-0.9	366	951,020	62	-	-	-	-	-	55	230	290*	462*
	<2	1,285	3,944,710	98	-	-	-	-	-	116	320	453	817*
	1-3	1,904	5,950,922	185	-	-	-	-	111	259	468	642	1,061*
	4-6	1,578	6,190,139	254	-	-	-	-	148	348	669	879	1,336*
	<6	3,972	11,933,058	181	-	-	-	-	72	264	473	697	1,126
	7-10	526	7,360,077	301	-	-	-	53	176	403	707	1,044	1,587*
	11-14	411	7,842,774	362	-	-	-	44	231	500	820	1,203	1,890*
	15-19	414	8,653,223	450	-	-	-	-	223	655	1,164	1,476	2,736*
	20 +	4,572	96,012,199	549	-	-	-	-	349	817	1,395	1,865	3,062
	20-24	348	9,493,971	575	-	-	-	-	266	697	1,400	1,972	4,542*
	25-54	2,408	56,955,268	528	-	-	-	-	289	744	1,393	1,874	3,098
	55-64	767	11,601,536	571	-	-	-	-	375	850	1,410	1,748	2,741*
	65 +	1,049	17,961,424	589	-	-	-	86	464	907	1,347	1,737	2,564*
	All ages	10,168	133,929,609	481	-	-	-	-	262	701	1,216	1,654	2,836
Indirect	<0.5	397	969,255	277	-	-	-	-	15	554	805	957*	1,154*
	0.5-0.9	366	951,020	332	-	-	-	10	161	610	798	954*	1,397*
	<2	1,285	3,944,710	217	-	-	-	-	86	342	669	814	1,123*
	1-3	1,904	5,950,922	131	-	-	-	20	81	194	323	423	706*
	4-6	1,578	6,190,139	140	-	-	-	16	89	211	351	445	695*
	<6	3,972	11,933,058	162	-	-	-	14	87	225	434	613	961
	7-10	526	7,360,077	129	-	-	-	5	71	194	372	446	697*
	11-14	411	7,842,774	163	-	-	-	2	91	249	415	560	823*
	15-19	414	8,653,223	203	-	-	-	13	105	270	514	766	1,393*
	20 +	4,572	96,012,199	489	-	-	-	119	365	700	1,080	1,394	2,367
	20-24	348	9,493,971	336	-	-	-	66	237	438	796	1,127	1,794*
	25-54	2,408	56,955,268	495	-	-	-	118	361	699	1,125	1,424	2,448
	55-64	767	11,601,536	546	-	-	-	170	459	763	1,186	1,539	2,363*
	65 +	1,049	17,961,424	518	-	-	-	206	457	747	1,005	1,280	1,954*
	All ages	10,168	133,929,609	397	-	-	-	57	258	585	949	1,272	2,093

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	397	969,255	301	-	-	-	-	52	592	851	1,004*	1,312*
	0.5-0.9	366	951,020	394	-	-	-	27	296	669	889	1,050*	1,635*
	<2	1,285	3,944,710	314	-	-	-	23	195	505	797	984	1,374*
	1-3	1,904	5,950,922	316	-	-	1	82	242	443	705	936	1,377*
	4-6	1,578	6,190,139	394	-	-	5	107	303	554	877	1,146	1,718*
	<6	3,972	11,933,058	343	-	-	-	67	255	521	800	982	1,500
	7-10	526	7,360,077	430	-	-	31	122	330	624	976	1,143	1,797*
	11-14	411	7,842,774	525	-	-	10	177	390	754	1,193	1,546	2,104*
	15-19	414	8,653,223	653	-	-	20	148	441	946	1,478	1,864	2,897*
	20 +	4,572	96,012,199	1,039	-	-	53	370	870	1,461	2,126	2,652	4,197
	20-24	348	9,493,971	911	-	-	65	297	638	1,086	1,907	2,839	5,216*
	25-54	2,408	56,955,268	1,023	-	-	54	355	830	1,442	2,139	2,761	4,025
	55-64	767	11,601,536	1,117	-	-	27	407	1,020	1,582	2,189	2,570	3,736*
	65 +	1,049	17,961,424	1,108	-	-	32	566	1,036	1,538	2,052	2,429	3,675*
	All ages	10,168	133,929,609	879	-	-	28	245	674	1,258	1,932	2,419	3,803

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
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Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	375	988,135	18	-	-	-	-	-	-	56	112*	358*
	0.5-0.9	348	913,951	55	-	-	-	-	-	55	192	277*	601*
	<2	1,241	4,061,919	89	-	-	-	-	-	114	288	417	789*
	1-3	1,951	6,416,296	177	-	-	-	-	80	275	470	637	1,044*
	4-6	1,624	6,149,430	274	-	-	-	-	172	389	704	930	1,455*
	<6	4,001	12,486,535	187	-	-	-	-	59	287	513	706	1,246
	7-10	574	8,042,450	327	-	-	-	42	229	498	814	955	1,478*
	11-14	405	7,722,366	468	-	-	-	56	292	591	1,170	1,583	3,050*
	15-19	411	9,335,573	607	-	-	-	87	412	805	1,288	1,685	4,218*
	20 +	4,751	88,399,426	600	-	-	-	-	352	865	1,450	1,891	3,773
	20-24	338	9,229,169	685	-	-	-	-	335	855	1,794	2,975	4,845*
	25-54	2,515	56,499,994	595	-	-	-	-	349	828	1,452	1,942	3,774
	55-64	777	9,588,910	549	-	-	-	-	353	818	1,336	1,779	2,653*
	65 +	1,121	13,081,353	597	-	-	-	-	460	927	1,484	1,844	2,391*
	All ages	10,439	127,967,627	530	-	-	-	-	294	709	1,301	1,866	3,426
Indirect	<0.5	375	988,135	273	-	-	-	-	-	539	849	964*	1,352*
	0.5-0.9	348	913,951	270	-	-	-	-	82	476	804	983*	1,375*
	<2	1,241	4,061,919	193	-	-	-	-	66	253	631	840	1,182*
	1-3	1,951	6,416,296	128	-	-	-	15	79	182	314	446	733*
	4-6	1,624	6,149,430	145	-	-	-	16	86	208	371	508	816*
	<6	4,001	12,486,535	156	-	-	-	10	82	206	421	585	974
	7-10	574	8,042,450	147	-	-	-	4	85	220	364	524	777*
	11-14	405	7,722,366	197	-	-	-	9	118	260	464	785	1,185*
	15-19	411	9,335,573	254	-	-	-	12	138	344	631	869	1,592*
	20 +	4,751	88,399,426	562	-	-	-	122	412	785	1,210	1,597	3,094
	20-24	338	9,229,169	354	-	-	-	38	232	535	851	1,150	1,652*
	25-54	2,515	56,499,994	587	-	-	-	121	411	801	1,291	1,727	3,627
	55-64	777	9,588,910	623	-	-	-	224	525	836	1,246	1,637	2,869*
	65 +	1,121	13,081,353	556	-	-	-	193	490	801	1,155	1,418	2,109*
	All ages	10,439	127,967,627	445	-	-	-	54	267	631	1,064	1,412	2,732

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	375	988,135	291	-	-	-	-	30	564	875	1,009*	1,381*
	0.5-0.9	348	913,951	325	-	-	-	-	135	563	876	1,066*	1,442*
	<2	1,241	4,061,919	282	-	-	-	1	143	460	783	953	1,348*
	1-3	1,951	6,416,296	306	-	-	-	66	222	469	684	881	1,363*
	4-6	1,624	6,149,430	419	-	-	18	122	331	595	955	1,154	1,693*
	<6	4,001	12,486,535	342	-	-	-	60	241	523	804	1,030	1,512
	7-10	574	8,042,450	474	-	-	14	149	369	725	984	1,244	1,801*
	11-14	405	7,722,366	665	-	-	51	196	484	871	1,541	1,940	3,426*
	15-19	411	9,335,573	861	-	-	55	252	626	1,087	1,781	2,194	4,326*
	20 +	4,751	88,399,426	1,162	-	-	89	465	982	1,584	2,337	2,935	4,910
	20-24	338	9,229,169	1,039	-	-	62	278	740	1,312	2,297	3,365	5,311*
	25-54	2,515	56,499,994	1,182	-	-	118	473	984	1,598	2,366	3,027	4,938
	55-64	777	9,588,910	1,172	-	-	38	496	1,026	1,604	2,306	2,808	4,251*
	65 +	1,121	13,081,353	1,153	-	-	-	507	1,110	1,669	2,225	2,624	3,388*
	All ages	10,439	127,967,627	975	-	-	38	288	743	1,363	2,113	2,660	4,476

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	772	1,957,390	21	-	-	-	-	-	-	58	113	378*
	0.5-0.9	714	1,864,971	58	-	-	-	-	-	56	206	285	547*
	<2	2,526	8,006,629	93	-	-	-	-	-	115	295	446	813
	1-3	3,855	12,367,218	181	-	-	-	-	86	262	469	640	1,052
	4-6	3,202	12,339,569	264	-	-	-	-	166	377	703	918	1,411
	<6	7,973	24,419,593	184	-	-	-	-	68	285	494	702	1,179
	7-10	1,100	15,402,527	315	-	-	-	52	223	447	762	1,019	1,526*
	11-14	816	15,565,140	414	-	-	-	56	252	567	1,015	1,531	2,201*
	15-19	825	17,988,796	532	-	-	-	12	295	707	1,250	1,574	3,754*
	20 +	9,323	184,411,625	573	-	-	-	-	351	823	1,417	1,879	3,402
	20-24	686	18,723,140	629	-	-	-	-	289	776	1,450	2,618	4,881*
	25-54	4,923	113,455,262	561	-	-	-	-	342	816	1,414	1,885	3,388
	55-64	1,544	21,190,446	561	-	-	-	-	365	826	1,402	1,760	2,744
	65 +	2,170	31,042,777	593	-	-	-	26	463	919	1,409	1,805	2,477
	All ages	20,607	261,897,236	505	-	-	-	-	290	707	1,268	1,768	3,242
Indirect	<0.5	772	1,957,390	275	-	-	-	-	4	548	838	959	1,298*
	0.5-0.9	714	1,864,971	302	-	-	-	-	110	550	800	976	1,387*
	<2	2,526	8,006,629	205	-	-	-	-	77	294	653	832	1,173
	1-3	3,855	12,367,218	129	-	-	-	17	80	186	319	434	726
	4-6	3,202	12,339,569	142	-	-	-	16	87	208	360	463	748
	<6	7,973	24,419,593	159	-	-	-	12	85	216	428	604	967
	7-10	1,100	15,402,527	138	-	-	-	5	77	209	370	494	758*
	11-14	816	15,565,140	180	-	-	-	6	105	255	449	624	1,149*
	15-19	825	17,988,796	229	-	-	-	12	116	310	590	853	1,492*
	20 +	9,323	184,411,625	524	-	-	-	120	384	739	1,145	1,491	2,688
	20-24	686	18,723,140	345	-	-	-	59	237	501	823	1,141	1,780*
	25-54	4,923	113,455,262	541	-	-	-	118	382	750	1,190	1,567	2,957
	55-64	1,544	21,190,446	581	-	-	-	183	487	801	1,197	1,548	2,544
	65 +	2,170	31,042,777	534	-	-	-	195	472	770	1,076	1,317	2,061
	All ages	20,607	261,897,236	421	-	-	-	56	263	605	1,009	1,332	2,373

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	772	1,957,390	296	-	-	-	-	42	585	859	1,012	1,385*
	0.5-0.9	714	1,864,971	360	-	-	-	17	218	628	885	1,055	1,511*
	<2	2,526	8,006,629	298	-	-	-	14	171	481	789	972	1,373
	1-3	3,855	12,367,218	311	-	-	-	73	236	458	694	924	1,379
	4-6	3,202	12,339,569	406	-	-	10	117	316	574	917	1,150	1,710
	<6	7,973	24,419,593	342	-	-	-	65	250	523	802	1,008	1,511
	7-10	1,100	15,402,527	453	-	-	20	137	355	669	981	1,202	1,824*
	11-14	816	15,565,140	594	-	-	29	182	436	804	1,365	1,717	2,543*
	15-19	825	17,988,796	761	-	-	25	204	540	1,030	1,610	2,063	3,828*
	20 +	9,323	184,411,625	1,098	-	-	66	418	920	1,522	2,224	2,801	4,488
	20-24	686	18,723,140	974	-	-	65	296	676	1,185	2,036	3,041	5,320*
	25-54	4,923	113,455,262	1,102	-	-	82	414	892	1,516	2,271	2,863	4,672
	55-64	1,544	21,190,446	1,142	-	-	32	469	1,023	1,597	2,247	2,679	4,183
	65 +	2,170	31,042,777	1,127	-	-	16	545	1,067	1,601	2,139	2,551	3,661
	All ages	20,607	261,897,236	926	-	-	30	263	710	1,311	2,014	2,544	4,242

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A3. Community Water: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	70	1,750,330	505*	-	-	-	-	147*	903*	1,405*	1,720*	2,207*
Indirect	70	1,750,330	314*	-	-	-	27*	193*	372*	785*	1,203*	1,451*
Direct and Indirect	70	1,750,330	819*	-	-	13*	70*	522*	1,330*	1,815*	2,503*	3,433*
b. Lactating												
Direct	41	1,171,868	907*	-	-	-	-	336*	1,680*	2,230*	2,793*	3,575*
Indirect	41	1,171,868	472*	-	-	-	12*	300*	568*	1,045*	1,669*	2,593*
Direct and Indirect	41	1,171,868	1,379*	-	-	-	116*	1,226*	2,263*	2,872*	3,434*	4,024*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,221	56,050,136	511	-	-	-	-	262	703	1,264	1,834	3,624
Indirect	2,221	56,050,136	406	-	-	-	69	266	574	973	1,303	2,315
Direct and Indirect	2,221	56,050,136	916	-	-	47	295	699	1,264	1,953	2,575	4,358
d. Women Age 15-44												
Direct	2,332	58,970,270	518	-	-	-	-	261	705	1,362	1,870	3,612
Indirect	2,332	58,970,270	404	-	-	-	66	266	574	973	1,306	2,332
Direct and Indirect	2,332	58,970,270	922	-	-	43	282	697	1,272	2,008	2,605	4,330

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 14:42 M:\PW\OSTWATER\REQ006\R006_C3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B1. Bottled Water: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	763	1,920,275	22	-	-	-	-	-	-	61	143	315*
	1-10	4,008	19,501,138	74	-	-	-	-	-	-	263	470	965
	11-19	825	16,495,997	103	-	-	-	-	-	-	345	648	1,468*
	20 +	4,572	96,012,199	165	-	-	-	-	-	-	660	993	1,881
	All ages	10,168	133,929,609	142	-	-	-	-	-	-	523	934	1,866
Indirect	< 1	763	1,920,275	80	-	-	-	-	-	-	360	620	1,167*
	1-10	4,008	19,501,138	13	-	-	-	-	-	-	-	78	379
	11-19	825	16,495,997	10	-	-	-	-	-	-	-	-	290*
	20 +	4,572	96,012,199	34	-	-	-	-	-	-	-	237	803
	All ages	10,168	133,929,609	28	-	-	-	-	-	-	-	176	726
Direct and Indirect	< 1	763	1,920,275	102	-	-	-	-	-	-	429	722	1,286*
	1-10	4,008	19,501,138	86	-	-	-	-	-	-	325	529	1,102
	11-19	825	16,495,997	114	-	-	-	-	-	-	414	702	1,550*
	20 +	4,572	96,012,199	198	-	-	-	-	-	-	799	1,205	2,103
	All ages	10,168	133,929,609	170	-	-	-	-	-	-	666	1,065	1,957
b. Male													
Direct	< 1	723	1,902,086	25	-	-	-	-	-	-	79	153	352*
	1-10	4,149	20,608,176	65	-	-	-	-	-	-	234	460	825
	11-19	816	17,057,939	106	-	-	-	-	-	-	331	786	1,562*
	20 +	4,751	88,399,426	147	-	-	-	-	-	-	527	942	1,891
	All ages	10,439	127,967,627	127	-	-	-	-	-	-	467	851	1,792
Indirect	< 1	723	1,902,086	107	-	-	-	-	-	-	519	740	1,113*
	1-10	4,149	20,608,176	10	-	-	-	-	-	-	-	43	255
	11-19	816	17,057,939	14	-	-	-	-	-	-	-	55	407*
	20 +	4,751	88,399,426	34	-	-	-	-	-	-	-	162	854
	All ages	10,439	127,967,627	29	-	-	-	-	-	-	-	118	772
Direct and Indirect	< 1	723	1,902,086	131	-	-	-	-	-	53	600	790	1,311*
	1-10	4,149	20,608,176	75	-	-	-	-	-	-	288	499	928
	11-19	816	17,057,939	120	-	-	-	-	-	-	421	873	1,724*
	20 +	4,751	88,399,426	182	-	-	-	-	-	-	673	1,178	2,365
	All ages	10,439	127,967,627	156	-	-	-	-	-	-	533	1,029	2,111

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B1. Bottled Water: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,486	3,822,361	23	-	-	-	-	-	-	73	147	343*
	1-10	8,157	40,109,314	69	-	-	-	-	-	-	237	464	911
	11-19	1,641	33,553,936	105	-	-	-	-	-	-	345	682	1,519*
	20 +	9,323	184,411,625	156	-	-	-	-	-	-	589	970	1,890
	All ages	20,607	261,897,236	134	-	-	-	-	-	-	471	887	1,862
Indirect	< 1	1,486	3,822,361	93	-	-	-	-	-	-	460	716	1,166*
	1-10	8,157	40,109,314	11	-	-	-	-	-	-	-	60	323
	11-19	1,641	33,553,936	12	-	-	-	-	-	-	-	11	379*
	20 +	9,323	184,411,625	34	-	-	-	-	-	-	-	230	825
	All ages	20,607	261,897,236	29	-	-	-	-	-	-	-	142	739
Direct and Indirect	< 1	1,486	3,822,361	117	-	-	-	-	-	22	520	773	1,310*
	1-10	8,157	40,109,314	81	-	-	-	-	-	-	297	519	1,045
	11-19	1,641	33,553,936	117	-	-	-	-	-	-	414	771	1,657*
	20 +	9,323	184,411,625	190	-	-	-	-	-	-	754	1,183	2,155
	All ages	20,607	261,897,236	163	-	-	-	-	-	-	592	1,059	2,007

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	397	969,255	15	-	-	-	-	-	-	34	85*	277*
	0.5-0.9	366	951,020	30	-	-	-	-	-	-	89	171*	372*
	<2	1,285	3,944,710	32	-	-	-	-	-	-	105	223	436*
	1-3	1,904	5,950,922	57	-	-	-	-	-	-	223	349	744*
	4-6	1,578	6,190,139	83	-	-	-	-	-	-	323	505	1,029*
	<6	3,972	11,933,058	58	-	-	-	-	-	-	208	352	804
	7-10	526	7,360,077	80	-	-	-	-	-	-	278	537	947*
	11-14	411	7,842,774	78	-	-	-	-	-	-	284	471	858*
	15-19	414	8,653,223	126	-	-	-	-	-	-	453	804	1,562*
	20 +	4,572	96,012,199	165	-	-	-	-	-	-	660	993	1,881
	20-24	348	9,493,971	199	-	-	-	-	-	114	688	1,229	2,227*
	25-54	2,408	56,955,268	178	-	-	-	-	-	69	693	972	1,888
	55-64	767	11,601,536	138	-	-	-	-	-	-	568	919	1,742*
	65 +	1,049	17,961,424	121	-	-	-	-	-	-	506	934	1,475*
	All ages	10,168	133,929,609	142	-	-	-	-	-	-	523	934	1,866
Indirect	<0.5	397	969,255	80	-	-	-	-	-	-	384	693*	1,069*
	0.5-0.9	366	951,020	81	-	-	-	-	-	-	352	594*	1,242*
	<2	1,285	3,944,710	48	-	-	-	-	-	-	31	399	962*
	1-3	1,904	5,950,922	14	-	-	-	-	-	-	-	71	382*
	4-6	1,578	6,190,139	7	-	-	-	-	-	-	-	22	170*
	<6	3,972	11,933,058	23	-	-	-	-	-	-	-	108	625
	7-10	526	7,360,077	16	-	-	-	-	-	-	-	108	423*
	11-14	411	7,842,774	12	-	-	-	-	-	-	-	46	346*
	15-19	414	8,653,223	8	-	-	-	-	-	-	-	-	178*
	20 +	4,572	96,012,199	34	-	-	-	-	-	-	-	237	803
	20-24	348	9,493,971	18	-	-	-	-	-	-	-	116	294*
	25-54	2,408	56,955,268	36	-	-	-	-	-	-	-	237	910
	55-64	767	11,601,536	45	-	-	-	-	-	-	-	420	918*
	65 +	1,049	17,961,424	28	-	-	-	-	-	-	-	186	658*
	All ages	10,168	133,929,609	28	-	-	-	-	-	-	-	176	726

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	397	969,255	94	-	-	-	-	-	-	426	758*	1,069*
	0.5-0.9	366	951,020	110	-	-	-	-	-	15	464	711*	1,379*
	<2	1,285	3,944,710	80	-	-	-	-	-	-	271	538	1,064*
	1-3	1,904	5,950,922	71	-	-	-	-	-	-	263	443	976*
	4-6	1,578	6,190,139	90	-	-	-	-	-	-	355	523	1,106*
	<6	3,972	11,933,058	81	-	-	-	-	-	-	294	503	1,068
	7-10	526	7,360,077	96	-	-	-	-	-	-	353	588	1,255*
	11-14	411	7,842,774	90	-	-	-	-	-	-	334	596	1,054*
	15-19	414	8,653,223	135	-	-	-	-	-	-	470	810	1,645*
	20 +	4,572	96,012,199	198	-	-	-	-	-	-	799	1,205	2,103
	20-24	348	9,493,971	217	-	-	-	-	-	180	803	1,234	2,227*
	25-54	2,408	56,955,268	214	-	-	-	-	-	116	858	1,203	1,981
	55-64	767	11,601,536	182	-	-	-	-	-	-	754	1,312	2,314*
	65 +	1,049	17,961,424	149	-	-	-	-	-	-	653	1,078	1,939*
	All ages	10,168	133,929,609	170	-	-	-	-	-	-	666	1,065	1,957

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	375	988,135	17	-	-	-	-	-	-	60	96*	212*
	0.5-0.9	348	913,951	33	-	-	-	-	-	-	111	187*	390*
	<2	1,241	4,061,919	35	-	-	-	-	-	-	110	226	417*
	1-3	1,951	6,416,296	60	-	-	-	-	-	-	228	353	706*
	4-6	1,624	6,149,430	79	-	-	-	-	-	-	293	539	912*
	<6	4,001	12,486,535	60	-	-	-	-	-	-	231	400	760
	7-10	574	8,042,450	58	-	-	-	-	-	-	198	430	816*
	11-14	405	7,722,366	94	-	-	-	-	-	-	279	584	1,409*
	15-19	411	9,335,573	116	-	-	-	-	-	-	413	824	1,668*
	20 +	4,751	88,399,426	147	-	-	-	-	-	-	527	942	1,891
	20-24	338	9,229,169	192	-	-	-	-	-	-	666	1,183	2,361*
	25-54	2,515	56,499,994	162	-	-	-	-	-	-	589	1,015	1,890
	55-64	777	9,588,910	106	-	-	-	-	-	-	339	788	1,466*
	65 +	1,121	13,081,353	83	-	-	-	-	-	-	229	664	1,369*
	All ages	10,439	127,967,627	127	-	-	-	-	-	-	467	851	1,792
Indirect	<0.5	375	988,135	115	-	-	-	-	-	-	583	741*	1,450*
	0.5-0.9	348	913,951	97	-	-	-	-	-	-	483	732*	916*
	<2	1,241	4,061,919	58	-	-	-	-	-	-	127	521	895*
	1-3	1,951	6,416,296	14	-	-	-	-	-	-	-	78	357*
	4-6	1,624	6,149,430	9	-	-	-	-	-	-	-	27	232*
	<6	4,001	12,486,535	26	-	-	-	-	-	-	-	136	731
	7-10	574	8,042,450	8	-	-	-	-	-	-	-	-	200*
	11-14	405	7,722,366	16	-	-	-	-	-	-	-	50	487*
	15-19	411	9,335,573	12	-	-	-	-	-	-	-	34	293*
	20 +	4,751	88,399,426	34	-	-	-	-	-	-	-	162	854
	20-24	338	9,229,169	18	-	-	-	-	-	-	-	-	343*
	25-54	2,515	56,499,994	37	-	-	-	-	-	-	-	199	865
	55-64	777	9,588,910	31	-	-	-	-	-	-	-	108	823*
	65 +	1,121	13,081,353	36	-	-	-	-	-	-	-	248	856*
	All ages	10,439	127,967,627	29	-	-	-	-	-	-	-	118	772

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	375	988,135	132	-	-	-	-	-	30	608	773*	1,450*
	0.5-0.9	348	913,951	130	-	-	-	-	-	86	526	799*	1,084*
	<2	1,241	4,061,919	93	-	-	-	-	-	23	354	659	1,066*
	1-3	1,951	6,416,296	74	-	-	-	-	-	-	280	469	887*
	4-6	1,624	6,149,430	88	-	-	-	-	-	-	355	591	1,020*
	<6	4,001	12,486,535	86	-	-	-	-	-	-	335	591	1,005
	7-10	574	8,042,450	66	-	-	-	-	-	-	235	450	884*
	11-14	405	7,722,366	111	-	-	-	-	-	-	359	823	1,430*
	15-19	411	9,335,573	128	-	-	-	-	-	-	441	897	1,745*
	20 +	4,751	88,399,426	182	-	-	-	-	-	-	673	1,178	2,365
	20-24	338	9,229,169	210	-	-	-	-	-	-	703	1,421	2,835*
	25-54	2,515	56,499,994	199	-	-	-	-	-	-	719	1,213	2,533
	55-64	777	9,588,910	137	-	-	-	-	-	-	439	1,035	1,968*
	65 +	1,121	13,081,353	119	-	-	-	-	-	-	430	947	1,920*
	All ages	10,439	127,967,627	156	-	-	-	-	-	-	533	1,029	2,111

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	772	1,957,390	16	-	-	-	-	-	-	50	91	266*
	0.5-0.9	714	1,864,971	31	-	-	-	-	-	-	104	174	388*
	<2	2,526	8,006,629	33	-	-	-	-	-	-	108	225	436
	1-3	3,855	12,367,218	58	-	-	-	-	-	-	226	352	709
	4-6	3,202	12,339,569	81	-	-	-	-	-	-	315	521	1,003
	<6	7,973	24,419,593	59	-	-	-	-	-	-	230	377	788
	7-10	1,100	15,402,527	69	-	-	-	-	-	-	230	484	902*
	11-14	816	15,565,140	86	-	-	-	-	-	-	289	529	1,333*
	15-19	825	17,988,796	121	-	-	-	-	-	-	441	819	1,584*
	20 +	9,323	184,411,625	156	-	-	-	-	-	-	589	970	1,890
	20-24	686	18,723,140	196	-	-	-	-	-	66	679	1,277	2,586*
	25-54	4,923	113,455,262	170	-	-	-	-	-	-	630	1,001	1,891
	55-64	1,544	21,190,446	124	-	-	-	-	-	-	446	877	1,673
	65 +	2,170	31,042,777	105	-	-	-	-	-	-	350	814	1,418
	All ages	20,607	261,897,236	134	-	-	-	-	-	-	471	887	1,862
Indirect	<0.5	772	1,957,390	98	-	-	-	-	-	-	476	739	1,258*
	0.5-0.9	714	1,864,971	89	-	-	-	-	-	-	416	648	1,053*
	<2	2,526	8,006,629	53	-	-	-	-	-	-	76	468	930
	1-3	3,855	12,367,218	14	-	-	-	-	-	-	-	78	374
	4-6	3,202	12,339,569	8	-	-	-	-	-	-	-	27	216
	<6	7,973	24,419,593	24	-	-	-	-	-	-	-	115	707
	7-10	1,100	15,402,527	12	-	-	-	-	-	-	-	68	375*
	11-14	816	15,565,140	14	-	-	-	-	-	-	-	57	481*
	15-19	825	17,988,796	10	-	-	-	-	-	-	-	-	258*
	20 +	9,323	184,411,625	34	-	-	-	-	-	-	-	230	825
	20-24	686	18,723,140	18	-	-	-	-	-	-	-	107	346*
	25-54	4,923	113,455,262	36	-	-	-	-	-	-	-	235	882
	55-64	1,544	21,190,446	38	-	-	-	-	-	-	-	314	885
	65 +	2,170	31,042,777	31	-	-	-	-	-	-	-	237	727
	All ages	20,607	261,897,236	29	-	-	-	-	-	-	-	142	739

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	772	1,957,390	113	-	-	-	-	-	-	536	773	1,384*
	0.5-0.9	714	1,864,971	120	-	-	-	-	-	53	506	761	1,284*
	<2	2,526	8,006,629	86	-	-	-	-	-	-	308	608	1,064
	1-3	3,855	12,367,218	73	-	-	-	-	-	-	273	470	945
	4-6	3,202	12,339,569	89	-	-	-	-	-	-	355	562	1,077
	<6	7,973	24,419,593	83	-	-	-	-	-	-	320	539	1,060
	7-10	1,100	15,402,527	80	-	-	-	-	-	-	296	523	1,062*
	11-14	816	15,565,140	100	-	-	-	-	-	-	344	681	1,417*
	15-19	825	17,988,796	131	-	-	-	-	-	-	468	869	1,776*
	20 +	9,323	184,411,625	190	-	-	-	-	-	-	754	1,183	2,155
	20-24	686	18,723,140	214	-	-	-	-	-	111	727	1,299	2,816*
	25-54	4,923	113,455,262	206	-	-	-	-	-	24	801	1,210	2,129
	55-64	1,544	21,190,446	162	-	-	-	-	-	-	588	1,183	2,277
	65 +	2,170	31,042,777	136	-	-	-	-	-	-	591	1,038	1,957
	All ages	20,607	261,897,236	163	-	-	-	-	-	-	592	1,059	2,007

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B3. Bottled Water: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	70	1,750,330	299*	-	-	-	-	-	299*	1,281*	1,484*	1,800*
Indirect	70	1,750,330	55*	-	-	-	-	-	-	105*	438*	772*
Direct and Indirect	70	1,750,330	354*	-	-	-	-	-	388*	1,279*	1,828*	1,976*
b. Lactating												
Direct	41	1,171,868	85*	-	-	-	-	-	-	164*	529*	1,151*
Indirect	41	1,171,868	93*	-	-	-	-	-	-	265*	802*	918*
Direct and Indirect	41	1,171,868	178*	-	-	-	-	-	-	780*	1,031*	1,235*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,221	56,050,136	181	-	-	-	-	-	99	688	996	1,918
Indirect	2,221	56,050,136	27	-	-	-	-	-	-	-	159	715
Direct and Indirect	2,221	56,050,136	208	-	-	-	-	-	117	813	1,183	2,094
d. Women Age 15-44												
Direct	2,332	58,970,270	182	-	-	-	-	-	103	691	1,045	1,891
Indirect	2,332	58,970,270	29	-	-	-	-	-	-	-	178	758
Direct and Indirect	2,332	58,970,270	211	-	-	-	-	-	117	828	1,183	2,059

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 14:42 M:\PW\OSTWATER\REQ006\R006_C3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C1. Other Sources: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	763	1,920,275	6	-	-	-	-	-	-	-	-	160*
	1-10	4,008	19,501,138	32	-	-	-	-	-	-	-	227	763
	11-19	825	16,495,997	73	-	-	-	-	-	-	206	491	1,180*
	20 +	4,572	96,012,199	64	-	-	-	-	-	-	58	484	1,310
	All ages	10,168	133,929,609	60	-	-	-	-	-	-	72	466	1,206
Indirect	< 1	763	1,920,275	26	-	-	-	-	-	-	-	28	799*
	1-10	4,008	19,501,138	15	-	-	-	-	-	-	-	93	383
	11-19	825	16,495,997	24	-	-	-	-	-	-	39	172	477*
	20 +	4,572	96,012,199	65	-	-	-	-	-	-	89	503	1,232
	All ages	10,168	133,929,609	52	-	-	-	-	-	-	36	355	1,076
Direct and Indirect	< 1	763	1,920,275	31	-	-	-	-	-	-	-	189	763*
	1-10	4,008	19,501,138	47	-	-	-	-	-	-	94	384	907
	11-19	825	16,495,997	98	-	-	-	-	-	-	305	672	1,842*
	20 +	4,572	96,012,199	130	-	-	-	-	-	-	389	1,111	2,073
	All ages	10,168	133,929,609	112	-	-	-	-	-	-	278	931	1,893
b. Male													
Direct	< 1	723	1,902,086	8	-	-	-	-	-	-	-	29	142*
	1-10	4,149	20,608,176	35	-	-	-	-	-	-	27	267	749
	11-19	816	17,057,939	51	-	-	-	-	-	-	-	334	1,135*
	20 +	4,751	88,399,426	90	-	-	-	-	-	-	200	641	1,664
	All ages	10,439	127,967,627	75	-	-	-	-	-	-	114	509	1,420
Indirect	< 1	723	1,902,086	43	-	-	-	-	-	-	-	401	953*
	1-10	4,149	20,608,176	17	-	-	-	-	-	-	-	100	398
	11-19	816	17,057,939	31	-	-	-	-	-	-	-	224	713*
	20 +	4,751	88,399,426	89	-	-	-	-	-	-	178	706	1,589
	All ages	10,439	127,967,627	69	-	-	-	-	-	-	83	506	1,394
Direct and Indirect	< 1	723	1,902,086	52	-	-	-	-	-	-	51	402	987*
	1-10	4,149	20,608,176	52	-	-	-	-	-	-	119	414	1,007
	11-19	816	17,057,939	82	-	-	-	-	-	-	196	628	1,428*
	20 +	4,751	88,399,426	180	-	-	-	-	-	-	651	1,413	2,800
	All ages	10,439	127,967,627	144	-	-	-	-	-	-	401	1,120	2,387

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C1. Other Sources: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,486	3,822,361	7	-	-	-	-	-	-	-	-	153*
	1-10	8,157	40,109,314	33	-	-	-	-	-	-	-	235	757
	11-19	1,641	33,553,936	62	-	-	-	-	-	-	135	430	1,171*
	20 +	9,323	184,411,625	77	-	-	-	-	-	-	118	585	1,418
	All ages	20,607	261,897,236	67	-	-	-	-	-	-	101	471	1,407
Indirect	< 1	1,486	3,822,361	34	-	-	-	-	-	-	-	313	858*
	1-10	8,157	40,109,314	16	-	-	-	-	-	-	-	96	393
	11-19	1,641	33,553,936	28	-	-	-	-	-	-	30	203	667*
	20 +	9,323	184,411,625	77	-	-	-	-	-	-	122	594	1,421
	All ages	20,607	261,897,236	61	-	-	-	-	-	-	59	422	1,241
Direct and Indirect	< 1	1,486	3,822,361	42	-	-	-	-	-	-	-	386	955*
	1-10	8,157	40,109,314	49	-	-	-	-	-	-	111	403	930
	11-19	1,641	33,553,936	90	-	-	-	-	-	-	282	663	1,699*
	20 +	9,323	184,411,625	154	-	-	-	-	-	-	532	1,243	2,373
	All ages	20,607	261,897,236	128	-	-	-	-	-	-	345	1,008	2,151

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	397	969,255	2	-	-	-	-	-	-	-	-	84*
	0.5-0.9	366	951,020	9	-	-	-	-	-	-	-	-	230*
	<2	1,285	3,944,710	9	-	-	-	-	-	-	-	-	233*
	1-3	1,904	5,950,922	21	-	-	-	-	-	-	-	116	472*
	4-6	1,578	6,190,139	29	-	-	-	-	-	-	-	198	664*
	<6	3,972	11,933,058	22	-	-	-	-	-	-	-	116	493
	7-10	526	7,360,077	43	-	-	-	-	-	-	94	287	858*
	11-14	411	7,842,774	71	-	-	-	-	-	-	210	514	1,116*
	15-19	414	8,653,223	75	-	-	-	-	-	-	198	456	1,531*
	20 +	4,572	96,012,199	64	-	-	-	-	-	-	58	484	1,310
	20-24	348	9,493,971	29	-	-	-	-	-	-	-	141	787*
	25-54	2,408	56,955,268	62	-	-	-	-	-	-	36	467	1,338
	55-64	767	11,601,536	95	-	-	-	-	-	-	344	689	1,546*
	65 +	1,049	17,961,424	70	-	-	-	-	-	-	95	674	1,180*
	All ages	10,168	133,929,609	60	-	-	-	-	-	-	72	466	1,206
Indirect	<0.5	397	969,255	29	-	-	-	-	-	-	-	30*	801*
	0.5-0.9	366	951,020	22	-	-	-	-	-	-	-	27*	644*
	<2	1,285	3,944,710	17	-	-	-	-	-	-	-	22	613*
	1-3	1,904	5,950,922	12	-	-	-	-	-	-	-	65	302*
	4-6	1,578	6,190,139	13	-	-	-	-	-	-	-	83	266*
	<6	3,972	11,933,058	14	-	-	-	-	-	-	-	64	398
	7-10	526	7,360,077	20	-	-	-	-	-	-	15	124	401*
	11-14	411	7,842,774	32	-	-	-	-	-	-	81	199	753*
	15-19	414	8,653,223	17	-	-	-	-	-	-	34	138	327*
	20 +	4,572	96,012,199	65	-	-	-	-	-	-	89	503	1,232
	20-24	348	9,493,971	22	-	-	-	-	-	-	-	41	809*
	25-54	2,408	56,955,268	69	-	-	-	-	-	-	89	473	1,391
	55-64	767	11,601,536	85	-	-	-	-	-	-	355	634	1,134*
	65 +	1,049	17,961,424	62	-	-	-	-	-	-	60	592	1,023*
	All ages	10,168	133,929,609	52	-	-	-	-	-	-	36	355	1,076

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	397	969,255	31	-	-	-	-	-	-	-	130*	785*
	0.5-0.9	366	951,020	32	-	-	-	-	-	-	-	225*	680*
	<2	1,285	3,944,710	26	-	-	-	-	-	-	-	117	739*
	1-3	1,904	5,950,922	33	-	-	-	-	-	-	-	232	749*
	4-6	1,578	6,190,139	41	-	-	-	-	-	-	59	323	772*
	<6	3,972	11,933,058	35	-	-	-	-	-	-	-	263	776
	7-10	526	7,360,077	63	-	-	-	-	-	-	208	567	928*
	11-14	411	7,842,774	103	-	-	-	-	-	-	352	741	1,688*
	15-19	414	8,653,223	92	-	-	-	-	-	-	269	608	1,821*
	20 +	4,572	96,012,199	130	-	-	-	-	-	-	389	1,111	2,073
	20-24	348	9,493,971	51	-	-	-	-	-	-	-	417	1,045*
	25-54	2,408	56,955,268	132	-	-	-	-	-	-	351	1,102	2,278
	55-64	767	11,601,536	180	-	-	-	-	-	-	829	1,358	1,983*
	65 +	1,049	17,961,424	132	-	-	-	-	-	-	473	1,209	1,973*
	All ages	10,168	133,929,609	112	-	-	-	-	-	-	278	931	1,893

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	375	988,135	8	-	-	-	-	-	-	-	-	110*
	0.5-0.9	348	913,951	9	-	-	-	-	-	-	-	54*	207*
	<2	1,241	4,061,919	12	-	-	-	-	-	-	-	57	332*
	1-3	1,951	6,416,296	25	-	-	-	-	-	-	-	177	583*
	4-6	1,624	6,149,430	32	-	-	-	-	-	-	-	236	619*
	<6	4,001	12,486,535	24	-	-	-	-	-	-	-	145	585
	7-10	574	8,042,450	45	-	-	-	-	-	-	76	386	810*
	11-14	405	7,722,366	68	-	-	-	-	-	-	93	529	1,180*
	15-19	411	9,335,573	38	-	-	-	-	-	-	-	210	937*
	20 +	4,751	88,399,426	90	-	-	-	-	-	-	200	641	1,664
	20-24	338	9,229,169	55	-	-	-	-	-	-	-	280	1,398*
	25-54	2,515	56,499,994	83	-	-	-	-	-	-	141	527	1,607
	55-64	777	9,588,910	112	-	-	-	-	-	-	345	743	1,904*
	65 +	1,121	13,081,353	131	-	-	-	-	-	-	520	944	1,872*
	All ages	10,439	127,967,627	75	-	-	-	-	-	-	114	509	1,420
Indirect	<0.5	375	988,135	37	-	-	-	-	-	-	-	358*	866*
	0.5-0.9	348	913,951	50	-	-	-	-	-	-	60	459*	958*
	<2	1,241	4,061,919	24	-	-	-	-	-	-	-	98	704*
	1-3	1,951	6,416,296	12	-	-	-	-	-	-	-	77	274*
	4-6	1,624	6,149,430	14	-	-	-	-	-	-	-	75	405*
	<6	4,001	12,486,535	18	-	-	-	-	-	-	-	90	456
	7-10	574	8,042,450	22	-	-	-	-	-	-	20	127	443*
	11-14	405	7,722,366	38	-	-	-	-	-	-	69	235	982*
	15-19	411	9,335,573	25	-	-	-	-	-	-	-	192	584*
	20 +	4,751	88,399,426	89	-	-	-	-	-	-	178	706	1,589
	20-24	338	9,229,169	18	-	-	-	-	-	-	-	117	504*
	25-54	2,515	56,499,994	92	-	-	-	-	-	-	177	719	1,723
	55-64	777	9,588,910	137	-	-	-	-	-	-	473	995	2,160*
	65 +	1,121	13,081,353	93	-	-	-	-	-	-	312	724	1,302*
	All ages	10,439	127,967,627	69	-	-	-	-	-	-	83	506	1,394

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	375	988,135	45	-	-	-	-	-	-	-	397*	866*
	0.5-0.9	348	913,951	59	-	-	-	-	-	-	137	534*	1,006*
	<2	1,241	4,061,919	37	-	-	-	-	-	-	11	304	766*
	1-3	1,951	6,416,296	36	-	-	-	-	-	-	32	295	710*
	4-6	1,624	6,149,430	46	-	-	-	-	-	-	59	337	914*
	<6	4,001	12,486,535	42	-	-	-	-	-	-	42	333	796
	7-10	574	8,042,450	68	-	-	-	-	-	-	178	474	1,070*
	11-14	405	7,722,366	106	-	-	-	-	-	-	317	821	1,800*
	15-19	411	9,335,573	62	-	-	-	-	-	-	172	448	1,069*
	20 +	4,751	88,399,426	180	-	-	-	-	-	-	651	1,413	2,800
	20-24	338	9,229,169	73	-	-	-	-	-	-	83	464	1,520*
	25-54	2,515	56,499,994	175	-	-	-	-	-	-	619	1,343	2,808
	55-64	777	9,588,910	248	-	-	-	-	-	-	989	1,604	3,599*
	65 +	1,121	13,081,353	224	-	-	-	-	-	-	1,050	1,665	2,741*
	All ages	10,439	127,967,627	144	-	-	-	-	-	-	401	1,120	2,387

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	772	1,957,390	5	-	-	-	-	-	-	-	-	108*
	0.5-0.9	714	1,864,971	9	-	-	-	-	-	-	-	52	221*
	<2	2,526	8,006,629	11	-	-	-	-	-	-	-	29	324
	1-3	3,855	12,367,218	23	-	-	-	-	-	-	-	141	552
	4-6	3,202	12,339,569	30	-	-	-	-	-	-	-	228	658
	<6	7,973	24,419,593	23	-	-	-	-	-	-	-	138	581
	7-10	1,100	15,402,527	44	-	-	-	-	-	-	85	337	821*
	11-14	816	15,565,140	70	-	-	-	-	-	-	167	521	1,157*
	15-19	825	17,988,796	56	-	-	-	-	-	-	107	353	1,210*
	20 +	9,323	184,411,625	77	-	-	-	-	-	-	118	585	1,418
	20-24	686	18,723,140	42	-	-	-	-	-	-	-	235	1,071*
	25-54	4,923	113,455,262	73	-	-	-	-	-	-	112	505	1,415
	55-64	1,544	21,190,446	103	-	-	-	-	-	-	344	701	1,617
	65 +	2,170	31,042,777	96	-	-	-	-	-	-	311	799	1,552
	All ages	20,607	261,897,236	67	-	-	-	-	-	-	101	471	1,407
Indirect	<0.5	772	1,957,390	33	-	-	-	-	-	-	-	314	804*
	0.5-0.9	714	1,864,971	36	-	-	-	-	-	-	-	292	874*
	<2	2,526	8,006,629	21	-	-	-	-	-	-	-	59	658
	1-3	3,855	12,367,218	12	-	-	-	-	-	-	-	72	280
	4-6	3,202	12,339,569	13	-	-	-	-	-	-	-	80	324
	<6	7,973	24,419,593	16	-	-	-	-	-	-	-	81	429
	7-10	1,100	15,402,527	21	-	-	-	-	-	-	19	127	435*
	11-14	816	15,565,140	35	-	-	-	-	-	-	77	231	756*
	15-19	825	17,988,796	21	-	-	-	-	-	-	3	148	413*
	20 +	9,323	184,411,625	77	-	-	-	-	-	-	122	594	1,421
	20-24	686	18,723,140	20	-	-	-	-	-	-	-	103	605*
	25-54	4,923	113,455,262	81	-	-	-	-	-	-	118	595	1,516
	55-64	1,544	21,190,446	108	-	-	-	-	-	-	411	799	1,538
	65 +	2,170	31,042,777	75	-	-	-	-	-	-	208	667	1,213
	All ages	20,607	261,897,236	61	-	-	-	-	-	-	59	422	1,241

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	772	1,957,390	38	-	-	-	-	-	-	-	335	833*
	0.5-0.9	714	1,864,971	45	-	-	-	-	-	-	31	406	963*
	<2	2,526	8,006,629	31	-	-	-	-	-	-	-	186	752
	1-3	3,855	12,367,218	35	-	-	-	-	-	-	13	256	713
	4-6	3,202	12,339,569	44	-	-	-	-	-	-	59	329	818
	<6	7,973	24,419,593	39	-	-	-	-	-	-	13	315	783
	7-10	1,100	15,402,527	66	-	-	-	-	-	-	202	513	1,048*
	11-14	816	15,565,140	105	-	-	-	-	-	-	337	796	1,807*
	15-19	825	17,988,796	77	-	-	-	-	-	-	231	550	1,404*
	20 +	9,323	184,411,625	154	-	-	-	-	-	-	532	1,243	2,373
	20-24	686	18,723,140	62	-	-	-	-	-	-	-	459	1,304*
	25-54	4,923	113,455,262	153	-	-	-	-	-	-	503	1,215	2,428
	55-64	1,544	21,190,446	211	-	-	-	-	-	-	885	1,466	2,786
	65 +	2,170	31,042,777	171	-	-	-	-	-	-	697	1,416	2,269
	All ages	20,607	261,897,236	128	-	-	-	-	-	-	345	1,008	2,151

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C3. Other Sources: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	70	1,750,330	62*	-	-	-	-	-	-	-	141*	1,289*
Indirect	70	1,750,330	41*	-	-	-	-	-	-	-	225*	858*
Direct and Indirect	70	1,750,330	103*	-	-	-	-	-	-	-	613*	1,667*
b. Lactating												
Direct	41	1,171,868	106*	-	-	-	-	-	-	237*	609*	1,511*
Indirect	41	1,171,868	88*	-	-	-	-	-	-	213*	699*	1,060*
Direct and Indirect	41	1,171,868	194*	-	-	-	-	-	-	446*	1,624*	2,336*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,221	56,050,136	52	-	-	-	-	-	-	-	354	1,119
Indirect	2,221	56,050,136	50	-	-	-	-	-	-	-	267	1,138
Direct and Indirect	2,221	56,050,136	102	-	-	-	-	-	-	167	751	1,957
d. Women Age 15-44												
Direct	2,332	58,970,270	53	-	-	-	-	-	-	-	354	1,170
Indirect	2,332	58,970,270	50	-	-	-	-	-	-	-	269	1,134
Direct and Indirect	2,332	58,970,270	104	-	-	-	-	-	-	171	778	1,969

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 14:42 M:\PW\OSTWATER\REQ006\R006_C3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D1. Missing Source: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	763	1,920,275	1	-	-	-	-	-	-	-	-	18*
	1-10	4,008	19,501,138	7	-	-	-	-	-	-	-	-	211
	11-19	825	16,495,997	18	-	-	-	-	-	-	-	-	354*
	20 +	4,572	96,012,199	13	-	-	-	-	-	-	-	-	368
	All ages	10,168	133,929,609	12	-	-	-	-	-	-	-	-	349
Indirect	< 1	763	1,920,275	1	-	-	-	-	-	-	-	-	-
	1-10	4,008	19,501,138	-	-	-	-	-	-	-	-	-	-
	11-19	825	16,495,997	1	-	-	-	-	-	-	-	-	-
	20 +	4,572	96,012,199	4	-	-	-	-	-	-	-	-	-
	All ages	10,168	133,929,609	3	-	-	-	-	-	-	-	-	-
Direct and Indirect	< 1	763	1,920,275	1	-	-	-	-	-	-	-	-	20*
	1-10	4,008	19,501,138	7	-	-	-	-	-	-	-	-	233
	11-19	825	16,495,997	18	-	-	-	-	-	-	-	-	380*
	20 +	4,572	96,012,199	17	-	-	-	-	-	-	-	-	502
	All ages	10,168	133,929,609	15	-	-	-	-	-	-	-	-	461
b. Male													
Direct	< 1	723	1,902,086	1	-	-	-	-	-	-	-	-	16*
	1-10	4,149	20,608,176	5	-	-	-	-	-	-	-	-	144
	11-19	816	17,057,939	13	-	-	-	-	-	-	-	-	353*
	20 +	4,751	88,399,426	14	-	-	-	-	-	-	-	-	468
	All ages	10,439	127,967,627	12	-	-	-	-	-	-	-	-	348
Indirect	< 1	723	1,902,086	3	-	-	-	-	-	-	-	-	-
	1-10	4,149	20,608,176	1	-	-	-	-	-	-	-	-	-
	11-19	816	17,057,939	3	-	-	-	-	-	-	-	-	6*
	20 +	4,751	88,399,426	6	-	-	-	-	-	-	-	-	12
	All ages	10,439	127,967,627	5	-	-	-	-	-	-	-	-	-
Direct and Indirect	< 1	723	1,902,086	4	-	-	-	-	-	-	-	-	32*
	1-10	4,149	20,608,176	6	-	-	-	-	-	-	-	-	192
	11-19	816	17,057,939	16	-	-	-	-	-	-	-	-	456*
	20 +	4,751	88,399,426	19	-	-	-	-	-	-	-	-	571
	All ages	10,439	127,967,627	17	-	-	-	-	-	-	-	-	472

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D1. Missing Source: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,486	3,822,361	1	-	-	-	-	-	-	-	-	17*
	1-10	8,157	40,109,314	6	-	-	-	-	-	-	-	-	173
	11-19	1,641	33,553,936	15	-	-	-	-	-	-	-	-	353*
	20 +	9,323	184,411,625	13	-	-	-	-	-	-	-	-	442
	All ages	20,607	261,897,236	12	-	-	-	-	-	-	-	-	350
Indirect	< 1	1,486	3,822,361	2	-	-	-	-	-	-	-	-	-
	1-10	8,157	40,109,314	1	-	-	-	-	-	-	-	-	-
	11-19	1,641	33,553,936	2	-	-	-	-	-	-	-	-	-
	20 +	9,323	184,411,625	5	-	-	-	-	-	-	-	-	-
	All ages	20,607	261,897,236	4	-	-	-	-	-	-	-	-	-
Direct and Indirect	< 1	1,486	3,822,361	3	-	-	-	-	-	-	-	-	22*
	1-10	8,157	40,109,314	7	-	-	-	-	-	-	-	-	222
	11-19	1,641	33,553,936	17	-	-	-	-	-	-	-	-	453*
	20 +	9,323	184,411,625	18	-	-	-	-	-	-	-	-	556
	All ages	20,607	261,897,236	16	-	-	-	-	-	-	-	-	469

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	397	969,255	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	366	951,020	1	-	-	-	-	-	-	-	-	32*
	<2	1,285	3,944,710	1	-	-	-	-	-	-	-	-	45*
	1-3	1,904	5,950,922	3	-	-	-	-	-	-	-	-	88*
	4-6	1,578	6,190,139	6	-	-	-	-	-	-	-	-	200*
	<6	3,972	11,933,058	5	-	-	-	-	-	-	-	-	130
	7-10	526	7,360,077	10	-	-	-	-	-	-	-	-	340*
	11-14	411	7,842,774	11	-	-	-	-	-	-	-	-	301*
	15-19	414	8,653,223	24	-	-	-	-	-	-	-	-	640*
	20 +	4,572	96,012,199	13	-	-	-	-	-	-	-	-	368
	20-24	348	9,493,971	15	-	-	-	-	-	-	-	-	361*
	25-54	2,408	56,955,268	15	-	-	-	-	-	-	-	-	430
	55-64	767	11,601,536	12	-	-	-	-	-	-	-	-	363*
	65 +	1,049	17,961,424	6	-	-	-	-	-	-	-	-	140*
	All ages	10,168	133,929,609	12	-	-	-	-	-	-	-	-	349
Indirect	<0.5	397	969,255	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	366	951,020	1	-	-	-	-	-	-	-	-	-
	<2	1,285	3,944,710	-	-	-	-	-	-	-	-	-	-
	1-3	1,904	5,950,922	1	-	-	-	-	-	-	-	-	-
	4-6	1,578	6,190,139	1	-	-	-	-	-	-	-	-	-
	<6	3,972	11,933,058	1	-	-	-	-	-	-	-	-	-
	7-10	526	7,360,077	-	-	-	-	-	-	-	-	-	-
	11-14	411	7,842,774	1	-	-	-	-	-	-	-	-	8*
	15-19	414	8,653,223	1	-	-	-	-	-	-	-	-	-
	20 +	4,572	96,012,199	4	-	-	-	-	-	-	-	-	-
	20-24	348	9,493,971	1	-	-	-	-	-	-	-	-	-
	25-54	2,408	56,955,268	3	-	-	-	-	-	-	-	-	-
	55-64	767	11,601,536	5	-	-	-	-	-	-	-	-	-
	65 +	1,049	17,961,424	7	-	-	-	-	-	-	-	-	119*
	All ages	10,168	133,929,609	3	-	-	-	-	-	-	-	-	-

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	397	969,255	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	366	951,020	3	-	-	-	-	-	-	-	-	103*
	<2	1,285	3,944,710	2	-	-	-	-	-	-	-	-	70*
	1-3	1,904	5,950,922	4	-	-	-	-	-	-	-	-	113*
	4-6	1,578	6,190,139	7	-	-	-	-	-	-	-	-	210*
	<6	3,972	11,933,058	5	-	-	-	-	-	-	-	-	165
	7-10	526	7,360,077	10	-	-	-	-	-	-	-	-	340*
	11-14	411	7,842,774	12	-	-	-	-	-	-	-	-	318*
	15-19	414	8,653,223	25	-	-	-	-	-	-	-	-	640*
	20 +	4,572	96,012,199	17	-	-	-	-	-	-	-	-	502
	20-24	348	9,493,971	16	-	-	-	-	-	-	-	-	361*
	25-54	2,408	56,955,268	18	-	-	-	-	-	-	-	-	555
	55-64	767	11,601,536	17	-	-	-	-	-	-	-	-	628*
	65 +	1,049	17,961,424	13	-	-	-	-	-	-	-	-	311*
	All ages	10,168	133,929,609	15	-	-	-	-	-	-	-	-	461

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	375	988,135	-	-	-	-	-	-	-	-	-	14*
	0.5-0.9	348	913,951	1	-	-	-	-	-	-	-	-	18*
	<2	1,241	4,061,919	3	-	-	-	-	-	-	-	-	77*
	1-3	1,951	6,416,296	4	-	-	-	-	-	-	-	-	135*
	4-6	1,624	6,149,430	6	-	-	-	-	-	-	-	-	179*
	<6	4,001	12,486,535	4	-	-	-	-	-	-	-	-	142
	7-10	574	8,042,450	5	-	-	-	-	-	-	-	-	116*
	11-14	405	7,722,366	10	-	-	-	-	-	-	-	-	321*
	15-19	411	9,335,573	16	-	-	-	-	-	-	-	-	467*
	20 +	4,751	88,399,426	14	-	-	-	-	-	-	-	-	468
	20-24	338	9,229,169	20	-	-	-	-	-	-	-	-	638*
	25-54	2,515	56,499,994	14	-	-	-	-	-	-	-	-	410
	55-64	777	9,588,910	8	-	-	-	-	-	-	-	-	240*
	65 +	1,121	13,081,353	12	-	-	-	-	-	-	-	-	269*
	All ages	10,439	127,967,627	12	-	-	-	-	-	-	-	-	348
Indirect	<0.5	375	988,135	1	-	-	-	-	-	-	-	-	-
	0.5-0.9	348	913,951	5	-	-	-	-	-	-	-	-	7*
	<2	1,241	4,061,919	4	-	-	-	-	-	-	-	-	3*
	1-3	1,951	6,416,296	3	-	-	-	-	-	-	-	-	3*
	4-6	1,624	6,149,430	-	-	-	-	-	-	-	-	-	-
	<6	4,001	12,486,535	2	-	-	-	-	-	-	-	-	-
	7-10	574	8,042,450	1	-	-	-	-	-	-	-	-	-
	11-14	405	7,722,366	2	-	-	-	-	-	-	-	-	-
	15-19	411	9,335,573	4	-	-	-	-	-	-	-	-	111*
	20 +	4,751	88,399,426	6	-	-	-	-	-	-	-	-	12
	20-24	338	9,229,169	5	-	-	-	-	-	-	-	-	-
	25-54	2,515	56,499,994	6	-	-	-	-	-	-	-	-	64
	55-64	777	9,588,910	3	-	-	-	-	-	-	-	-	-
	65 +	1,121	13,081,353	9	-	-	-	-	-	-	-	-	45*
	All ages	10,439	127,967,627	5	-	-	-	-	-	-	-	-	-

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	375	988,135	1	-	-	-	-	-	-	-	-	17*
	0.5-0.9	348	913,951	6	-	-	-	-	-	-	-	-	170*
	<2	1,241	4,061,919	7	-	-	-	-	-	-	-	-	148*
	1-3	1,951	6,416,296	7	-	-	-	-	-	-	-	-	174*
	4-6	1,624	6,149,430	6	-	-	-	-	-	-	-	-	183*
	<6	4,001	12,486,535	6	-	-	-	-	-	-	-	-	168
	7-10	574	8,042,450	6	-	-	-	-	-	-	-	-	177*
	11-14	405	7,722,366	11	-	-	-	-	-	-	-	-	349*
	15-19	411	9,335,573	20	-	-	-	-	-	-	-	-	628*
	20 +	4,751	88,399,426	19	-	-	-	-	-	-	-	-	571
	20-24	338	9,229,169	25	-	-	-	-	-	-	-	-	856*
	25-54	2,515	56,499,994	19	-	-	-	-	-	-	-	-	510
	55-64	777	9,588,910	11	-	-	-	-	-	-	-	-	345*
	65 +	1,121	13,081,353	22	-	-	-	-	-	-	-	-	572*
	All ages	10,439	127,967,627	17	-	-	-	-	-	-	-	-	472

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	772	1,957,390	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	714	1,864,971	1	-	-	-	-	-	-	-	-	23*
	<2	2,526	8,006,629	2	-	-	-	-	-	-	-	-	78
	1-3	3,855	12,367,218	4	-	-	-	-	-	-	-	-	116
	4-6	3,202	12,339,569	6	-	-	-	-	-	-	-	-	190
	<6	7,973	24,419,593	4	-	-	-	-	-	-	-	-	138
	7-10	1,100	15,402,527	7	-	-	-	-	-	-	-	-	236*
	11-14	816	15,565,140	10	-	-	-	-	-	-	-	-	318*
	15-19	825	17,988,796	20	-	-	-	-	-	-	-	-	474*
	20 +	9,323	184,411,625	13	-	-	-	-	-	-	-	-	442
	20-24	686	18,723,140	18	-	-	-	-	-	-	-	-	579*
	25-54	4,923	113,455,262	14	-	-	-	-	-	-	-	-	466
	55-64	1,544	21,190,446	10	-	-	-	-	-	-	-	-	267
	65 +	2,170	31,042,777	9	-	-	-	-	-	-	-	-	171
	All ages	20,607	261,897,236	12	-	-	-	-	-	-	-	-	350
Indirect	<0.5	772	1,957,390	1	-	-	-	-	-	-	-	-	-
	0.5-0.9	714	1,864,971	3	-	-	-	-	-	-	-	-	-
	<2	2,526	8,006,629	2	-	-	-	-	-	-	-	-	-
	1-3	3,855	12,367,218	2	-	-	-	-	-	-	-	-	-
	4-6	3,202	12,339,569	-	-	-	-	-	-	-	-	-	-
	<6	7,973	24,419,593	1	-	-	-	-	-	-	-	-	-
	7-10	1,100	15,402,527	1	-	-	-	-	-	-	-	-	-
	11-14	816	15,565,140	1	-	-	-	-	-	-	-	-	-
	15-19	825	17,988,796	3	-	-	-	-	-	-	-	-	6*
	20 +	9,323	184,411,625	5	-	-	-	-	-	-	-	-	-
	20-24	686	18,723,140	3	-	-	-	-	-	-	-	-	-
	25-54	4,923	113,455,262	4	-	-	-	-	-	-	-	-	-
	55-64	1,544	21,190,446	4	-	-	-	-	-	-	-	-	-
	65 +	2,170	31,042,777	8	-	-	-	-	-	-	-	-	118
	All ages	20,607	261,897,236	4	-	-	-	-	-	-	-	-	-

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	772	1,957,390	1	-	-	-	-	-	-	-	-	-
	0.5-0.9	714	1,864,971	4	-	-	-	-	-	-	-	-	113*
	<2	2,526	8,006,629	4	-	-	-	-	-	-	-	-	106
	1-3	3,855	12,367,218	5	-	-	-	-	-	-	-	-	135
	4-6	3,202	12,339,569	6	-	-	-	-	-	-	-	-	195
	<6	7,973	24,419,593	6	-	-	-	-	-	-	-	-	167
	7-10	1,100	15,402,527	8	-	-	-	-	-	-	-	-	274*
	11-14	816	15,565,140	11	-	-	-	-	-	-	-	-	350*
	15-19	825	17,988,796	22	-	-	-	-	-	-	-	-	633*
	20 +	9,323	184,411,625	18	-	-	-	-	-	-	-	-	556
	20-24	686	18,723,140	21	-	-	-	-	-	-	-	-	682*
	25-54	4,923	113,455,262	19	-	-	-	-	-	-	-	-	530
	55-64	1,544	21,190,446	14	-	-	-	-	-	-	-	-	438
	65 +	2,170	31,042,777	17	-	-	-	-	-	-	-	-	477
	All ages	20,607	261,897,236	16	-	-	-	-	-	-	-	-	469

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D3. Missing Source: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	70	1,750,330	42*	-	-	-	-	-	-	-	-	1,081*
Indirect	70	1,750,330	-	-	-	-	-	-	-	-	-	-
Direct and Indirect	70	1,750,330	42*	-	-	-	-	-	-	-	-	1,081*
b. Lactating												
Direct	41	1,171,868	51*	-	-	-	-	-	-	-	326*	1,000*
Indirect	41	1,171,868	3*	-	-	-	-	-	-	-	-	65*
Direct and Indirect	41	1,171,868	55*	-	-	-	-	-	-	-	326*	1,025*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,221	56,050,136	15	-	-	-	-	-	-	-	-	346
Indirect	2,221	56,050,136	2	-	-	-	-	-	-	-	-	-
Direct and Indirect	2,221	56,050,136	17	-	-	-	-	-	-	-	-	397
d. Women Age 15-44												
Direct	2,332	58,970,270	17	-	-	-	-	-	-	-	-	410
Indirect	2,332	58,970,270	2	-	-	-	-	-	-	-	-	-
Direct and Indirect	2,332	58,970,270	18	-	-	-	-	-	-	-	-	573

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 14:42 M:\PW\OSTWATER\REQ006\R006_C3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E1. All Sources: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	763	1,920,275	71	-	-	-	-	-	76	211	350	607*
	1-10	4,008	19,501,138	363	-	-	12	113	262	469	792	1,039	1,631
	11-19	825	16,495,997	602	-	-	45	207	447	814	1,328	1,747	3,091*
	20 +	4,572	96,012,199	791	-	-	77	286	591	1,057	1,643	1,942	3,657
	All ages	10,168	133,929,609	695	-	-	26	227	495	939	1,493	1,881	3,296
Indirect	< 1	763	1,920,275	411	-	-	-	22	403	673	889	1,030	1,383*
	1-10	4,008	19,501,138	162	-	-	3	39	110	230	387	494	748
	11-19	825	16,495,997	219	-	-	-	36	130	305	544	757	1,162*
	20 +	4,572	96,012,199	592	-	14	78	237	487	803	1,204	1,519	2,450
	All ages	10,168	133,929,609	481	-	-	24	123	355	684	1,067	1,366	2,293
Direct and Indirect	< 1	763	1,920,275	482	-	-	-	90	469	749	964	1,167	1,684*
	1-10	4,008	19,501,138	524	7	82	136	251	440	701	994	1,246	2,018
	11-19	825	16,495,997	822	-	100	206	356	651	1,110	1,636	1,954	3,119*
	20 +	4,572	96,012,199	1,383	59	316	476	792	1,216	1,775	2,413	2,925	4,506
	All ages	10,168	133,929,609	1,176	13	175	287	562	1,013	1,573	2,215	2,700	4,250
b. Male													
Direct	< 1	723	1,902,086	70	-	-	-	-	-	84	192	293	548*
	1-10	4,149	20,608,176	370	-	-	-	113	285	518	816	994	1,506
	11-19	816	17,057,939	714	-	-	63	228	495	923	1,476	1,945	3,790*
	20 +	4,751	88,399,426	851	-	-	42	285	642	1,113	1,864	2,349	4,154
	All ages	10,439	127,967,627	744	-	-	-	226	524	964	1,643	2,116	3,799
Indirect	< 1	723	1,902,086	425	-	-	-	18	401	714	944	1,082	1,437*
	1-10	4,149	20,608,176	169	-	-	-	32	110	233	399	539	893
	11-19	816	17,057,939	276	-	-	-	54	192	370	661	892	1,415*
	20 +	4,751	88,399,426	691	-	2	58	243	538	932	1,412	1,849	3,556
	All ages	10,439	127,967,627	548	-	-	15	127	373	759	1,213	1,598	3,071
Direct and Indirect	< 1	723	1,902,086	494	-	-	-	89	460	775	1,003	1,278	1,591*
	1-10	4,149	20,608,176	538	1	68	127	260	455	726	1,044	1,296	1,849
	11-19	816	17,057,939	990	-	138	236	443	754	1,302	1,896	2,421	4,007*
	20 +	4,751	88,399,426	1,542	48	296	510	833	1,327	1,968	2,738	3,517	5,522
	All ages	10,439	127,967,627	1,292	6	148	282	585	1,065	1,710	2,478	3,138	5,186

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E1. All Sources: Gender by Broad Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,486	3,822,361	70	-	-	-	-	-	80	207	341	583*
	1-10	8,157	40,109,314	366	-	-	-	113	281	473	814	1,022	1,554
	11-19	1,641	33,553,936	659	-	-	50	224	467	869	1,417	1,844	3,730*
	20 +	9,323	184,411,625	820	-	-	54	285	617	1,062	1,760	2,124	3,835
	All ages	20,607	261,897,236	719	-	-	15	226	519	943	1,535	1,894	3,775
Indirect	< 1	1,486	3,822,361	418	-	-	-	21	402	691	909	1,049	1,411*
	1-10	8,157	40,109,314	165	-	-	1	35	110	232	391	514	802
	11-19	1,641	33,553,936	248	-	-	-	43	152	338	594	819	1,347*
	20 +	9,323	184,411,625	640	-	9	67	241	510	857	1,302	1,657	2,927
	All ages	20,607	261,897,236	514	-	-	20	125	360	716	1,136	1,481	2,651
Direct and Indirect	< 1	1,486	3,822,361	488	-	-	-	89	467	758	993	1,209	1,626*
	1-10	8,157	40,109,314	531	4	74	130	256	449	716	1,022	1,257	1,891
	11-19	1,641	33,553,936	907	-	118	219	395	715	1,189	1,780	2,188	3,805*
	20 +	9,323	184,411,625	1,460	55	302	492	817	1,271	1,863	2,549	3,194	5,155
	All ages	20,607	261,897,236	1,233	9	162	285	573	1,038	1,633	2,341	2,908	4,805

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 12SEP01 14:03 M:\PW\OSTWATER\REQ006\R006_C1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	397	969,255	40	-	-	-	-	-	36	112	173*	511*
	0.5-0.9	366	951,020	102	-	-	-	-	33	118	278	409*	641*
	<2	1,285	3,944,710	140	-	-	-	-	56	196	369	514	825*
	1-3	1,904	5,950,922	266	-	-	-	71	197	350	579	767	1,254*
	4-6	1,578	6,190,139	372	-	-	-	115	291	491	788	1,044	1,558*
	<6	3,972	11,933,058	265	-	-	-	48	177	353	589	816	1,328
	7-10	526	7,360,077	434	-	-	74	169	327	574	925	1,139	1,858*
	11-14	411	7,842,774	522	-	-	54	207	401	691	1,097	1,426	2,082*
	15-19	414	8,653,223	675	-	-	-	206	466	923	1,477	1,882	3,417*
	20 +	4,572	96,012,199	791	-	-	77	286	591	1,057	1,643	1,942	3,657
	20-24	348	9,493,971	818	-	-	-	182	566	940	1,531	2,309	5,511*
	25-54	2,408	56,955,268	783	-	-	41	236	584	1,045	1,760	2,104	3,544
	55-64	767	11,601,536	817	-	-	110	343	646	1,158	1,638	1,874	2,791*
	65 +	1,049	17,961,424	787	-	3	173	353	694	1,057	1,442	1,830	2,699*
	All ages	10,168	133,929,609	695	-	-	26	227	495	939	1,493	1,881	3,296
Indirect	<0.5	397	969,255	386	-	-	-	-	369	695	888	1,014*	1,257*
	0.5-0.9	366	951,020	436	-	-	-	84	426	669	887	1,037*	1,416*
	<2	1,285	3,944,710	282	-	-	-	33	147	447	763	906	1,365*
	1-3	1,904	5,950,922	158	-	-	7	43	110	223	363	476	844*
	4-6	1,578	6,190,139	160	-	-	4	43	114	228	367	455	701*
	<6	3,972	11,933,058	199	-	-	1	43	119	262	500	695	1,058
	7-10	526	7,360,077	165	-	-	-	32	105	238	412	505	721*
	11-14	411	7,842,774	208	-	-	-	32	129	306	521	713	867*
	15-19	414	8,653,223	229	-	-	-	37	130	302	563	889	1,393*
	20 +	4,572	96,012,199	592	-	14	78	237	487	803	1,204	1,519	2,450
	20-24	348	9,493,971	377	-	-	12	111	272	505	862	1,130	1,794*
	25-54	2,408	56,955,268	603	-	13	65	225	479	817	1,287	1,573	2,579
	55-64	767	11,601,536	680	-	85	177	355	586	881	1,248	1,568	2,449*
	65 +	1,049	17,961,424	615	-	73	159	328	557	817	1,068	1,309	1,988*
	All ages	10,168	133,929,609	481	-	-	24	123	355	684	1,067	1,366	2,293

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	397	969,255	427	-	-	-	4	425	740	946	1,073*	1,422*
	0.5-0.9	366	951,020	538	-	-	49	191	508	768	1,009	1,316*	1,694*
	<2	1,285	3,944,710	422	-	-	15	137	341	629	898	1,074	1,530*
	1-3	1,904	5,950,922	424	-	56	104	207	342	561	828	1,031	1,621*
	4-6	1,578	6,190,139	532	6*	80	134	272	450	702	995	1,276	2,069*
	<6	3,972	11,933,058	464	-	26	87	208	390	634	918	1,110	1,704
	7-10	526	7,360,077	599	8*	116	178	302	510	802	1,083	1,342	2,160*
	11-14	411	7,842,774	730	6*	116	205	357	591	961	1,415	1,797	2,513*
	15-19	414	8,653,223	904	-	75	198	355	737	1,222	1,803	2,128	3,697*
	20 +	4,572	96,012,199	1,383	59	316	476	792	1,216	1,775	2,413	2,925	4,506
	20-24	348	9,493,971	1,195	6*	163	286	551	966	1,401	2,019	3,140	5,839*
	25-54	2,408	56,955,268	1,386	40	288	450	748	1,219	1,779	2,477	3,023	4,663
	55-64	767	11,601,536	1,497	115*	473	673	957	1,365	1,920	2,475	2,851	3,824*
	65 +	1,049	17,961,424	1,402	316*	548	651	900	1,310	1,774	2,224	2,551	3,699*
	All ages	10,168	133,929,609	1,176	13	175	287	562	1,013	1,573	2,215	2,700	4,250

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	375	988,135	43	-	-	-	-	-	45	115	154*	395*
	0.5-0.9	348	913,951	98	-	-	-	-	47	117	275	347*	724*
	<2	1,241	4,061,919	139	-	-	-	-	60	195	351	489	892*
	1-3	1,951	6,416,296	267	-	-	-	59	198	354	585	760	1,282*
	4-6	1,624	6,149,430	390	-	-	16	137	315	530	810	1,042	1,479*
	<6	4,001	12,486,535	274	-	-	-	49	193	383	616	821	1,412
	7-10	574	8,042,450	436	-	-	51	168	343	589	922	1,053	1,609*
	11-14	405	7,722,366	640	-	-	82	224	465	800	1,449	1,765	3,050*
	15-19	411	9,335,573	776	-	-	-	222	531	941	1,521	2,038	4,218*
	20 +	4,751	88,399,426	851	-	-	42	285	642	1,113	1,864	2,349	4,154
	20-24	338	9,229,169	952	-	-	11	219	578	1,218	2,086	3,330	5,129*
	25-54	2,515	56,499,994	854	-	-	32	283	636	1,095	1,868	2,359	3,995
	55-64	777	9,588,910	774	-	-	-	232	589	1,053	1,567	1,919	2,961*
	65 +	1,121	13,081,353	823	-	-	100	349	703	1,154	1,649	1,884	2,608*
	All ages	10,439	127,967,627	744	-	-	-	226	524	964	1,643	2,116	3,799
Indirect	<0.5	375	988,135	426	-	-	-	-	403	739	906	1,115*	1,467*
	0.5-0.9	348	913,951	423	-	-	-	62	391	638	957	1,049*	1,383*
	<2	1,241	4,061,919	279	-	-	-	24	134	460	781	933	1,356*
	1-3	1,951	6,416,296	157	-	-	3	34	108	214	368	520	769*
	4-6	1,624	6,149,430	168	-	-	3	33	112	233	403	529	914*
	<6	4,001	12,486,535	201	-	-	-	35	119	266	530	725	1,081
	7-10	574	8,042,450	178	-	-	-	29	110	253	422	575	918*
	11-14	405	7,722,366	253	-	-	4	60	170	322	594	850	1,187*
	15-19	411	9,335,573	295	-	-	-	45	207	391	677	895	1,592*
	20 +	4,751	88,399,426	691	-	2	58	243	538	932	1,412	1,849	3,556
	20-24	338	9,229,169	396	-	-	-	76	271	572	904	1,211	1,939*
	25-54	2,515	56,499,994	722	-	2	54	237	538	963	1,485	2,019	3,879
	55-64	777	9,588,910	794	-	69	207	394	663	999	1,498	1,885	3,271*
	65 +	1,121	13,081,353	695	-	86	193	356	600	925	1,291	1,571	2,191*
	All ages	10,439	127,967,627	548	-	-	15	127	373	759	1,213	1,598	3,071

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	375	988,135	469	-	-	-	1	452	773	979	1,233*	1,600*
	0.5-0.9	348	913,951	521	-	-	25	177	498	774	1,054	1,276*	1,526*
	<2	1,241	4,061,919	418	-	-	9	130	348	614	901	1,081	1,457*
	1-3	1,951	6,416,296	423	-	37	88	188	362	582	810	1,025	1,490*
	4-6	1,624	6,149,430	559	4*	74	141	281	477	744	1,076	1,305	1,784*
	<6	4,001	12,486,535	476	-	20	74	207	410	654	952	1,148	1,683
	7-10	574	8,042,450	614	1*	102	165	314	519	821	1,134	1,466	2,142*
	11-14	405	7,722,366	893	20*	138	209	401	709	1,192	1,737	2,121	3,426*
	15-19	411	9,335,573	1,071	-	136	236	465	799	1,385	1,985	2,674	4,735*
	20 +	4,751	88,399,426	1,542	48	296	510	833	1,327	1,968	2,738	3,517	5,522
	20-24	338	9,229,169	1,348	-	114	175	562	1,103	1,738	2,807	3,669	5,459*
	25-54	2,515	56,499,994	1,576	46	315	515	834	1,332	1,997	2,812	3,771	5,879
	55-64	777	9,588,910	1,568	98*	444	596	910	1,385	2,012	2,676	3,174	5,129*
	65 +	1,121	13,081,353	1,518	168*	489	644	981	1,420	1,923	2,508	2,837	3,795*
	All ages	10,439	127,967,627	1,292	6	148	282	585	1,065	1,710	2,478	3,138	5,186

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	772	1,957,390	42	-	-	-	-	-	42	114	170	467*
	0.5-0.9	714	1,864,971	100	-	-	-	-	40	118	276	391	661*
	<2	2,526	8,006,629	140	-	-	-	-	58	196	354	509	827
	1-3	3,855	12,367,218	266	-	-	-	64	197	352	583	764	1,279
	4-6	3,202	12,339,569	381	-	-	-	118	295	518	814	1,043	1,519
	<6	7,973	24,419,593	270	-	-	-	48	184	371	607	819	1,409
	7-10	1,100	15,402,527	435	-	-	56	169	342	587	922	1,120	1,673*
	11-14	816	15,565,140	580	-	-	65	223	441	708	1,281	1,672	2,852*
	15-19	825	17,988,796	728	-	-	-	214	519	934	1,489	1,987	3,801*
	20 +	9,323	184,411,625	820	-	-	54	285	617	1,062	1,760	2,124	3,835
	20-24	686	18,723,140	884	-	-	-	212	579	1,059	1,872	2,938	5,489*
	25-54	4,923	113,455,262	818	-	-	37	260	590	1,062	1,817	2,233	3,790
	55-64	1,544	21,190,446	798	-	-	80	314	633	1,092	1,631	1,883	2,816
	65 +	2,170	31,042,777	802	-	-	118	352	702	1,062	1,586	1,858	2,659
	All ages	20,607	261,897,236	719	-	-	15	226	519	943	1,535	1,894	3,775
Indirect	<0.5	772	1,957,390	407	-	-	-	-	400	716	896	1,043	1,448*
	0.5-0.9	714	1,864,971	430	-	-	-	73	412	667	939	1,049	1,392*
	<2	2,526	8,006,629	280	-	-	-	30	141	458	772	922	1,365
	1-3	3,855	12,367,218	157	-	-	5	40	108	218	364	494	816
	4-6	3,202	12,339,569	164	-	-	3	38	113	231	381	503	897
	<6	7,973	24,419,593	200	-	-	-	39	119	264	518	713	1,067
	7-10	1,100	15,402,527	172	-	-	-	29	108	247	418	526	777*
	11-14	816	15,565,140	231	-	-	-	46	151	312	556	787	1,180*
	15-19	825	17,988,796	263	-	-	-	42	156	354	653	895	1,492*
	20 +	9,323	184,411,625	640	-	9	67	241	510	857	1,302	1,657	2,927
	20-24	686	18,723,140	386	-	-	4	91	273	538	877	1,191	1,856*
	25-54	4,923	113,455,262	662	-	7	57	235	505	889	1,368	1,804	3,194
	55-64	1,544	21,190,446	732	-	82	186	358	607	944	1,366	1,734	2,733
	65 +	2,170	31,042,777	648	-	82	171	342	582	857	1,163	1,435	2,168
	All ages	20,607	261,897,236	514	-	-	20	125	360	716	1,136	1,481	2,651

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	772	1,957,390	448	-	-	-	4	429	750	957	1,154	1,503*
	0.5-0.9	714	1,864,971	530	-	-	37	181	505	771	1,029	1,278	1,690*
	<2	2,526	8,006,629	420	-	-	14	133	344	619	900	1,079	1,495
	1-3	3,855	12,367,218	424	-	44	93	196	353	573	823	1,029	1,514
	4-6	3,202	12,339,569	545	5	75	138	276	462	720	1,053	1,303	1,892
	<6	7,973	24,419,593	470	-	22	83	208	401	645	937	1,132	1,687
	7-10	1,100	15,402,527	607	7*	114	170	312	514	813	1,129	1,418	2,174*
	11-14	816	15,565,140	811	10*	124	209	382	642	1,066	1,622	1,961	3,040*
	15-19	825	17,988,796	991	-	107	228	407	768	1,277	1,894	2,385	4,018*
	20 +	9,323	184,411,625	1,460	55	302	492	817	1,271	1,863	2,549	3,194	5,155
	20-24	686	18,723,140	1,271	1*	117	237	554	1,000	1,577	2,506	3,608	5,796*
	25-54	4,923	113,455,262	1,480	41	301	473	798	1,272	1,893	2,631	3,333	5,244
	55-64	1,544	21,190,446	1,529	118	473	652	946	1,378	1,952	2,557	2,997	4,393
	65 +	2,170	31,042,777	1,451	245	531	651	935	1,344	1,832	2,323	2,708	3,747
	All ages	20,607	261,897,236	1,233	9	162	285	573	1,038	1,633	2,341	2,908	4,805

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13FEB04 13:47 M:\PW\OSTWATER\REQ006\R006_C4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E3. All Sources: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	70	1,750,330	908*	-	-	-	225*	839*	1,403*	1,684*	1,885*	2,270*
Indirect	70	1,750,330	410*	-	6*	49*	128*	279*	594*	1,028*	1,203*	1,451*
Direct and Indirect	70	1,750,330	1,318*	-	180*	369*	746*	1,225*	1,776*	2,336*	2,674*	3,557*
b. Lactating												
Direct	41	1,171,868	1,149*	-	-	-	184*	902*	1,772*	2,336*	2,801*	3,575*
Indirect	41	1,171,868	657*	-	7*	76*	213*	424*	915*	1,317*	1,708*	2,904*
Direct and Indirect	41	1,171,868	1,806*	-	359*	491*	1,068*	1,498*	2,474*	3,021*	3,767*	4,024*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,221	56,050,136	759	-	-	-	228	567	945	1,640	2,102	4,014
Indirect	2,221	56,050,136	484	-	-	23	123	345	664	1,102	1,429	2,376
Direct and Indirect	2,221	56,050,136	1,243	14	200	323	601	1,051	1,593	2,336	2,937	4,851
d. Women Age 15-44												
Direct	2,332	58,970,270	771	-	-	-	229	572	991	1,655	2,112	3,892
Indirect	2,332	58,970,270	485	-	-	24	124	344	664	1,113	1,429	2,388
Direct and Indirect	2,332	58,970,270	1,256	13	201	326	608	1,064	1,617	2,366	2,949	4,816

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 14:42 M:\PW\OSTWATER\REQ006\R006_C3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Part II: Estimates of Direct, Indirect, and Both Direct and Indirect Water Ingestion
Table A1. Community Water: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	728	1,834,226	6	-	-	-	-	-	3	18	29	89*
	1-10	3,753	18,286,088	12	-	-	-	-	7	17	31	42	70
	11-19	805	16,191,986	7	-	-	-	-	5	10	19	25	43*
	20 +	4,437	93,104,821	8	-	-	-	-	5	12	21	27	47
	All ages	9,723	129,417,121	9	-	-	-	-	5	12	22	29	51
Indirect	< 1	728	1,834,226	45	-	-	-	-	12	77	125	158	235*
	1-10	3,753	18,286,088	7	-	-	-	1	4	10	18	24	41
	11-19	805	16,191,986	3	-	-	-	-	2	5	9	12	22*
	20 +	4,437	93,104,821	8	-	-	-	2	6	11	17	22	37
	All ages	9,723	129,417,121	7	-	-	-	1	5	10	17	22	47
Direct and Indirect	< 1	728	1,834,226	50	-	-	-	-	21	86	130	173	244*
	1-10	3,753	18,286,088	19	-	-	-	5	14	27	43	56	95
	11-19	805	16,191,986	11	-	-	-	3	8	15	25	32	47*
	20 +	4,437	93,104,821	16	-	-	1	6	13	22	33	40	62
	All ages	9,723	129,417,121	16	-	-	1	5	12	22	33	43	75
b. Male													
Direct	< 1	694	1,826,935	4	-	-	-	-	-	1	13	25	61*
	1-10	3,908	19,571,816	12	-	-	-	-	7	17	30	40	69
	11-19	801	16,816,334	9	-	-	-	1	6	12	19	26	65*
	20 +	4,724	87,950,403	7	-	-	-	-	5	10	18	25	45
	All ages	10,127	126,165,488	8	-	-	-	-	5	11	20	28	52
Indirect	< 1	694	1,826,935	37	-	-	-	-	6	63	115	139	214*
	1-10	3,908	19,571,816	7	-	-	-	-	4	9	17	25	43
	11-19	801	16,816,334	4	-	-	-	-	2	5	9	13	25*
	20 +	4,724	87,950,403	7	-	-	-	1	5	10	15	20	39
	All ages	10,127	126,165,488	7	-	-	-	1	4	9	15	21	48
Direct and Indirect	< 1	694	1,826,935	41	-	-	-	-	10	73	120	145	219*
	1-10	3,908	19,571,816	19	-	-	-	5	14	27	42	54	86
	11-19	801	16,816,334	13	-	-	1	4	9	17	26	36	67*
	20 +	4,724	87,950,403	14	-	-	1	6	12	20	29	37	61
	All ages	10,127	126,165,488	15	-	-	1	5	12	20	31	41	76

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A1. Community Water: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,422	3,661,161	5	-	-	-	-	-	2	16	28	68*
	1-10	7,661	37,857,904	12	-	-	-	-	7	17	31	42	69
	11-19	1,606	33,008,320	8	-	-	-	1	5	11	19	26	52*
	20 +	9,161	181,055,224	8	-	-	-	-	5	11	19	26	46
	All ages	19,850	255,582,609	8	-	-	-	-	5	12	21	29	51
Indirect	< 1	1,422	3,661,161	41	-	-	-	-	8	71	119	147	232*
	1-10	7,661	37,857,904	7	-	-	-	-	4	9	17	24	42
	11-19	1,606	33,008,320	4	-	-	-	-	2	5	9	13	24*
	20 +	9,161	181,055,224	7	-	-	-	2	5	10	16	21	37
	All ages	19,850	255,582,609	7	-	-	-	1	4	10	16	21	47
Direct and Indirect	< 1	1,422	3,661,161	46	-	-	-	-	14	79	125	161	236*
	1-10	7,661	37,857,904	19	-	-	-	5	14	27	42	55	90
	11-19	1,606	33,008,320	12	-	-	1	4	9	16	26	33	59*
	20 +	9,161	181,055,224	15	-	-	1	6	12	21	31	39	62
	All ages	19,850	255,582,609	16	-	-	1	5	12	21	32	43	75

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	383	935,936	4	-	-	-	-	-	-	12	20*	100*
	0.5-0.9	345	898,290	7	-	-	-	-	-	7	24	35*	69*
	<2	1,227	3,777,633	10	-	-	-	-	-	13	30	42	79*
	1-3	1,794	5,618,977	14	-	-	-	-	8	21	36	46	86*
	4-6	1,468	5,771,300	13	-	-	-	-	8	19	34	45	69*
	<6	3,739	11,271,167	12	-	-	-	-	6	18	34	43	77
	7-10	491	6,895,811	10	-	-	-	2	6	14	25	32	51*
	11-14	398	7,660,943	7	-	-	-	1	5	10	16	23*	35*
	15-19	407	8,531,043	7	-	-	-	-	4	11	19	25	49*
	20 +	4,437	93,104,821	8	-	-	-	-	5	12	21	27	47
	20-24	340	9,230,121	9	-	-	-	-	5	11	20	30	77*
	25-54	2,331	55,163,329	8	-	-	-	-	4	11	20	27	46
	55-64	741	11,126,465	8	-	-	-	-	5	12	21	28	38*
	65 +	1,025	17,584,906	9	-	-	-	1	7	14	21	25	36*
	All ages	9,723	129,417,121	9	-	-	-	-	5	12	22	29	51
Indirect	<0.5	383	935,936	50	-	-	-	-	2	96	142	176*	262*
	0.5-0.9	345	898,290	39	-	-	-	1	19	70	97	119*	171*
	<2	1,227	3,777,633	28	-	-	-	-	8	33	92	124	195*
	1-3	1,794	5,618,977	10	-	-	-	1	6	14	24	33	64*
	4-6	1,468	5,771,300	7	-	-	-	1	5	10	17	23	38*
	<6	3,739	11,271,167	15	-	-	-	1	6	15	34	71	145
	7-10	491	6,895,811	4	-	-	-	-	2	6	13	16	24*
	11-14	398	7,660,943	3	-	-	-	-	2	5	9	11*	16*
	15-19	407	8,531,043	3	-	-	-	-	2	4	10	14	23*
	20 +	4,437	93,104,821	8	-	-	-	2	6	11	17	22	37
	20-24	340	9,230,121	5	-	-	-	1	4	7	13	17	28*
	25-54	2,331	55,163,329	8	-	-	-	2	5	11	17	23	38
	55-64	741	11,126,465	8	-	-	-	2	7	11	17	23	37*
	65 +	1,025	17,584,906	8	-	-	-	3	7	11	16	21	33*
	All ages	9,723	129,417,121	7	-	-	-	1	5	10	17	22	47

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	383	935,936	54	-	-	-	-	8	108	156	197*	266*
	0.5-0.9	345	898,290	47	-	-	-	3	34	79	107	129*	194*
	<2	1,227	3,777,633	38	-	-	-	2	20	53	104	132	216*
	1-3	1,794	5,618,977	24	-	-	-	7	18	34	54	69	113*
	4-6	1,468	5,771,300	20	-	-	-	5	16	28	46	59	89*
	<6	3,739	11,271,167	27	-	-	-	5	18	36	63	91	171
	7-10	491	6,895,811	14	-	-	1	4	11	20	32	39	56*
	11-14	398	7,660,943	11	-	-	-	4	8	15	25	28*	37*
	15-19	407	8,531,043	11	-	-	-	2	8	16	25	33	49*
	20 +	4,437	93,104,821	16	-	-	1	6	13	22	33	40	62
	20-24	340	9,230,121	14	-	-	1	5	10	17	31	38	85*
	25-54	2,331	55,163,329	15	-	-	1	5	12	22	33	41	63
	55-64	741	11,126,465	16	-	-	-	6	14	24	33	40	58*
	65 +	1,025	17,584,906	17	-	-	1	8	16	24	33	38	54*
	All ages	9,723	129,417,121	16	-	-	1	5	12	22	33	43	75

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	361	954,525	3	-	-	-	-	-	-	7	19*	60*
	0.5-0.9	333	872,410	6	-	-	-	-	-	6	21	33*	64*
	<2	1,197	3,917,902	8	-	-	-	-	-	10	26	38	69*
	1-3	1,851	6,127,169	12	-	-	-	-	6	19	32	44	77*
	4-6	1,520	5,799,447	14	-	-	-	-	9	20	34	48	78*
	<6	3,791	11,889,007	12	-	-	-	-	5	18	32	44	80
	7-10	537	7,645,200	10	-	-	-	2	7	15	25	33	51*
	11-14	392	7,522,213	9	-	-	-	1	7	13	21	34*	56*
	15-19	409	9,294,121	8	-	-	-	1	6	10	18	23	64*
	20 +	4,724	87,950,403	7	-	-	-	-	5	10	18	25	45
	20-24	336	9,172,756	9	-	-	-	-	4	11	22	33	57*
	25-54	2,499	56,219,548	7	-	-	-	-	4	10	18	25	44
	55-64	775	9,564,795	6	-	-	-	-	4	10	16	21	29*
	65 +	1,114	12,993,304	8	-	-	-	-	6	12	19	22	32*
	All ages	10,127	126,165,488	8	-	-	-	-	5	11	20	28	52
Indirect	<0.5	361	954,525	44	-	-	-	-	-	82	136	169*	258*
	0.5-0.9	333	872,410	29	-	-	-	-	9	51	83	106*	132*
	<2	1,197	3,917,902	23	-	-	-	-	6	23	73	113	176*
	1-3	1,851	6,127,169	9	-	-	-	1	5	12	23	31	59*
	4-6	1,520	5,799,447	7	-	-	-	1	4	10	18	25	41*
	<6	3,791	11,889,007	13	-	-	-	1	5	13	29	56	134
	7-10	537	7,645,200	5	-	-	-	-	3	7	13	16	29*
	11-14	392	7,522,213	4	-	-	-	-	2	6	10	15*	25*
	15-19	409	9,294,121	4	-	-	-	-	2	5	8	12	23*
	20 +	4,724	87,950,403	7	-	-	-	1	5	10	15	20	39
	20-24	336	9,172,756	5	-	-	-	-	3	7	12	16	24*
	25-54	2,499	56,219,548	7	-	-	-	1	5	10	16	21	44
	55-64	775	9,564,795	8	-	-	-	3	6	10	15	19	37*
	65 +	1,114	12,993,304	7	-	-	-	2	6	10	15	18	27*
	All ages	10,127	126,165,488	7	-	-	-	1	4	9	15	21	48

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	361	954,525	47	-	-	-	-	3	90	139	172*	277*
	0.5-0.9	333	872,410	35	-	-	-	-	15	62	95	122*	141*
	<2	1,197	3,917,902	31	-	-	-	-	13	43	87	118	186*
	1-3	1,851	6,127,169	21	-	-	-	5	16	32	49	62	100*
	4-6	1,520	5,799,447	21	-	-	1	6	16	30	45	61	91*
	<6	3,791	11,889,007	25	-	-	-	4	16	33	59	82	139
	7-10	537	7,645,200	15	-	-	-	5	12	22	33	40	57*
	11-14	392	7,522,213	13	-	-	1	4	10	18	28	40*	63*
	15-19	409	9,294,121	12	-	-	1	4	9	16	25	32	66*
	20 +	4,724	87,950,403	14	-	-	1	6	12	20	29	37	61
	20-24	336	9,172,756	13	-	-	1	4	10	18	29	39	62*
	25-54	2,499	56,219,548	14	-	-	1	6	12	19	29	39	63
	55-64	775	9,564,795	14	-	-	1	6	12	19	28	33	52*
	65 +	1,114	12,993,304	15	-	-	-	6	14	21	29	33	44*
	All ages	10,127	126,165,488	15	-	-	1	5	12	20	31	41	76

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	744	1,890,461	3	-	-	-	-	-	-	10	20	65*
	0.5-0.9	678	1,770,700	7	-	-	-	-	-	6	23	34	69*
	<2	2,424	7,695,535	9	-	-	-	-	-	12	28	40	73
	1-3	3,645	11,746,146	13	-	-	-	-	7	20	34	45	80
	4-6	2,988	11,570,747	13	-	-	-	-	9	19	34	46	76
	<6	7,530	23,160,174	12	-	-	-	-	5	18	33	44	80
	7-10	1,028	14,541,011	10	-	-	-	2	7	15	26	32	51*
	11-14	790	15,183,156	8	-	-	-	1	5	12	19	27	49*
	15-19	816	17,825,164	8	-	-	-	1	5	11	19	24	56*
	20 +	9,161	181,055,224	8	-	-	-	-	5	11	19	26	46
	20-24	676	18,402,877	9	-	-	-	-	5	11	21	31	73*
	25-54	4,830	111,382,877	7	-	-	-	-	4	11	19	26	45
	55-64	1,516	20,691,260	7	-	-	-	-	5	11	19	24	36
	65 +	2,139	30,578,210	8	-	-	-	-	6	13	20	24	34
	All ages	19,850	255,582,609	8	-	-	-	-	5	12	21	29	51
Indirect	<0.5	744	1,890,461	47	-	-	-	-	-	90	141	173	260*
	0.5-0.9	678	1,770,700	34	-	-	-	-	13	59	93	112	164*
	<2	2,424	7,695,535	25	-	-	-	-	7	28	83	118	191
	1-3	3,645	11,746,146	10	-	-	-	1	6	13	24	32	62
	4-6	2,988	11,570,747	7	-	-	-	1	4	10	18	24	39
	<6	7,530	23,160,174	14	-	-	-	1	5	14	31	63	141
	7-10	1,028	14,541,011	5	-	-	-	-	3	7	13	16	27*
	11-14	790	15,183,156	4	-	-	-	-	2	6	9	12	24*
	15-19	816	17,825,164	4	-	-	-	-	2	5	9	13	23*
	20 +	9,161	181,055,224	7	-	-	-	2	5	10	16	21	37
	20-24	676	18,402,877	5	-	-	-	1	3	7	13	16	25*
	25-54	4,830	111,382,877	7	-	-	-	2	5	10	17	22	41
	55-64	1,516	20,691,260	8	-	-	-	3	6	10	16	21	37
	65 +	2,139	30,578,210	8	-	-	-	3	7	11	15	20	32
	All ages	19,850	255,582,609	7	-	-	-	1	4	10	16	21	47

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	744	1,890,461	50	-	-	-	-	5	98	146	189	275*
	0.5-0.9	678	1,770,700	41	-	-	-	2	24	71	102	126	185*
	<2	2,424	7,695,535	34	-	-	-	1	17	48	97	126	206
	1-3	3,645	11,746,146	23	-	-	-	6	17	33	51	65	106
	4-6	2,988	11,570,747	20	-	-	-	6	16	29	46	60	90
	<6	7,530	23,160,174	26	-	-	-	4	17	35	60	87	156
	7-10	1,028	14,541,011	15	-	-	1	5	11	21	32	39	58*
	11-14	790	15,183,156	12	-	-	1	4	9	17	26	34	54*
	15-19	816	17,825,164	12	-	-	-	3	9	16	25	32	60*
	20 +	9,161	181,055,224	15	-	-	1	6	12	21	31	39	62
	20-24	676	18,402,877	14	-	-	1	4	10	17	31	38	79*
	25-54	4,830	111,382,877	15	-	-	1	5	12	21	31	40	64
	55-64	1,516	20,691,260	15	-	-	-	6	13	22	31	38	57
	65 +	2,139	30,578,210	16	-	-	-	7	15	23	31	37	52
	All ages	19,850	255,582,609	16	-	-	1	5	12	21	32	43	75

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A3. Community Water: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	69	1,728,389	8*	-	-	-	-	3*	17*	25*	28*	33*
Indirect	69	1,728,389	5*	-	-	-	-	3*	7*	13*	17*	19*
Direct and Indirect	69	1,728,389	13*	-	-	-	1*	8*	22*	31*	43*	46*
b. Lactating												
Direct	40	1,141,186	13*	-	-	-	-	4*	28*	34*	45*	51*
Indirect	40	1,141,186	8*	-	-	-	-	3*	9*	14*	21*	55*
Direct and Indirect	40	1,141,186	21*	-	-	-	1*	14*	39*	53*	55*	57*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,166	54,687,608	8	-	-	-	-	4	11	19	27	51
Indirect	2,166	54,687,608	6	-	-	-	1	4	9	16	20	35
Direct and Indirect	2,166	54,687,608	14	-	-	1	4	11	20	31	38	66
d. Women Age 15-44												
Direct	2,275	57,555,119	8	-	-	-	-	4	11	20	28	51
Indirect	2,275	57,555,119	6	-	-	-	1	4	9	16	20	35
Direct and Indirect	2,275	57,555,119	14	-	-	1	4	11	20	32	39	66

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:46 M:\PW\OSTWATER\REQ006\R006_D3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table B1. Bottled Water: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	728	1,834,226	3	-	-	-	-	-	-	9	21	47*
	1-10	3,753	18,286,088	3	-	-	-	-	-	-	13	21	48
	11-19	805	16,191,986	2	-	-	-	-	-	-	7	11	25*
	20 +	4,437	93,104,821	3	-	-	-	-	-	-	10	16	30
	All ages	9,723	129,417,121	3	-	-	-	-	-	-	10	16	31
Indirect	< 1	728	1,834,226	12	-	-	-	-	-	-	41	108	172*
	1-10	3,753	18,286,088	1	-	-	-	-	-	-	-	3	17
	11-19	805	16,191,986	-	-	-	-	-	-	-	-	-	6*
	20 +	4,437	93,104,821	1	-	-	-	-	-	-	-	4	12
	All ages	9,723	129,417,121	1	-	-	-	-	-	-	-	3	14
Direct and Indirect	< 1	728	1,834,226	15	-	-	-	-	-	-	56	114	191*
	1-10	3,753	18,286,088	4	-	-	-	-	-	-	15	24	54
	11-19	805	16,191,986	2	-	-	-	-	-	-	8	12	28*
	20 +	4,437	93,104,821	3	-	-	-	-	-	-	12	19	34
	All ages	9,723	129,417,121	3	-	-	-	-	-	-	12	19	38
b. Male													
Direct	< 1	694	1,826,935	3	-	-	-	-	-	-	12	21	43*
	1-10	3,908	19,571,816	3	-	-	-	-	-	-	11	21	45
	11-19	801	16,816,334	2	-	-	-	-	-	-	6	11	27*
	20 +	4,724	87,950,403	2	-	-	-	-	-	-	7	12	23
	All ages	10,127	126,165,488	2	-	-	-	-	-	-	7	13	28
Indirect	< 1	694	1,826,935	15	-	-	-	-	-	-	66	104	176*
	1-10	3,908	19,571,816	1	-	-	-	-	-	-	-	2	14
	11-19	801	16,816,334	-	-	-	-	-	-	-	-	-	6*
	20 +	4,724	87,950,403	-	-	-	-	-	-	-	-	2	11
	All ages	10,127	126,165,488	1	-	-	-	-	-	-	-	2	13
Direct and Indirect	< 1	694	1,826,935	18	-	-	-	-	-	6	74	104	192*
	1-10	3,908	19,571,816	4	-	-	-	-	-	-	13	25	52
	11-19	801	16,816,334	2	-	-	-	-	-	-	6	13	28*
	20 +	4,724	87,950,403	2	-	-	-	-	-	-	8	14	31
	All ages	10,127	126,165,488	3	-	-	-	-	-	-	9	16	39

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B1. Bottled Water: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,422	3,661,161	3	-	-	-	-	-	-	10	21	45*
	1-10	7,661	37,857,904	3	-	-	-	-	-	-	12	21	45
	11-19	1,606	33,008,320	2	-	-	-	-	-	-	6	11	26*
	20 +	9,161	181,055,224	2	-	-	-	-	-	-	8	14	27
	All ages	19,850	255,582,609	2	-	-	-	-	-	-	8	15	31
Indirect	< 1	1,422	3,661,161	14	-	-	-	-	-	-	57	104	177*
	1-10	7,661	37,857,904	1	-	-	-	-	-	-	-	2	15
	11-19	1,606	33,008,320	-	-	-	-	-	-	-	-	-	6*
	20 +	9,161	181,055,224	-	-	-	-	-	-	-	-	3	12
	All ages	19,850	255,582,609	1	-	-	-	-	-	-	-	3	13
Direct and Indirect	< 1	1,422	3,661,161	17	-	-	-	-	-	2	67	107	191*
	1-10	7,661	37,857,904	4	-	-	-	-	-	-	14	25	54
	11-19	1,606	33,008,320	2	-	-	-	-	-	-	7	13	28*
	20 +	9,161	181,055,224	3	-	-	-	-	-	-	10	17	33
	All ages	19,850	255,582,609	3	-	-	-	-	-	-	10	18	39

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	383	935,936	3	-	-	-	-	-	-	7	18*	67*
	0.5-0.9	345	898,290	3	-	-	-	-	-	-	10	22*	38*
	<2	1,227	3,777,633	3	-	-	-	-	-	-	10	21	48*
	1-3	1,794	5,618,977	4	-	-	-	-	-	-	16	26	54*
	4-6	1,468	5,771,300	4	-	-	-	-	-	-	15	25	54*
	<6	3,739	11,271,167	4	-	-	-	-	-	-	14	26	55
	7-10	491	6,895,811	2	-	-	-	-	-	-	9	16	34*
	11-14	398	7,660,943	2	-	-	-	-	-	-	7	10*	22*
	15-19	407	8,531,043	2	-	-	-	-	-	-	8	11	27*
	20 +	4,437	93,104,821	3	-	-	-	-	-	-	10	16	30
	20-24	340	9,230,121	3	-	-	-	-	-	2	12	18	31*
	25-54	2,331	55,163,329	3	-	-	-	-	-	1	11	16	30
	55-64	741	11,126,465	2	-	-	-	-	-	-	8	14	29*
	65 +	1,025	17,584,906	2	-	-	-	-	-	-	8	14	25*
	All ages	9,723	129,417,121	3	-	-	-	-	-	-	10	16	31
Indirect	<0.5	383	935,936	16	-	-	-	-	-	-	66	130*	234*
	0.5-0.9	345	898,290	8	-	-	-	-	-	-	32	58*	137*
	<2	1,227	3,777,633	7	-	-	-	-	-	-	2	48	152*
	1-3	1,794	5,618,977	1	-	-	-	-	-	-	-	4	32*
	4-6	1,468	5,771,300	-	-	-	-	-	-	-	-	1	8*
	<6	3,739	11,271,167	3	-	-	-	-	-	-	-	6	82
	7-10	491	6,895,811	1	-	-	-	-	-	-	-	3	14*
	11-14	398	7,660,943	-	-	-	-	-	-	-	-	1*	7*
	15-19	407	8,531,043	-	-	-	-	-	-	-	-	-	4*
	20 +	4,437	93,104,821	1	-	-	-	-	-	-	-	4	12
	20-24	340	9,230,121	-	-	-	-	-	-	-	-	2	6*
	25-54	2,331	55,163,329	1	-	-	-	-	-	-	-	4	15
	55-64	741	11,126,465	1	-	-	-	-	-	-	-	7	14*
	65 +	1,025	17,584,906	-	-	-	-	-	-	-	-	3	10*
	All ages	9,723	129,417,121	1	-	-	-	-	-	-	-	3	14

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	383	935,936	19	-	-	-	-	-	-	77	142*	276*
	0.5-0.9	345	898,290	11	-	-	-	-	-	-	43	81*	141*
	<2	1,227	3,777,633	10	-	-	-	-	-	-	24	62	164*
	1-3	1,794	5,618,977	5	-	-	-	-	-	-	18	32	63*
	4-6	1,468	5,771,300	4	-	-	-	-	-	-	17	27	54*
	<6	3,739	11,271,167	7	-	-	-	-	-	-	19	35	101
	7-10	491	6,895,811	3	-	-	-	-	-	-	10	19	41*
	11-14	398	7,660,943	2	-	-	-	-	-	-	8	12*	24*
	15-19	407	8,531,043	2	-	-	-	-	-	-	8	12	28*
	20 +	4,437	93,104,821	3	-	-	-	-	-	-	12	19	34
	20-24	340	9,230,121	3	-	-	-	-	-	2	13	20	34*
	25-54	2,331	55,163,329	3	-	-	-	-	-	2	13	19	34
	55-64	741	11,126,465	3	-	-	-	-	-	-	10	19	39*
	65 +	1,025	17,584,906	2	-	-	-	-	-	-	11	17	30*
	All ages	9,723	129,417,121	3	-	-	-	-	-	-	12	19	38

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	361	954,525	3	-	-	-	-	-	-	11	17*	42*
	0.5-0.9	333	872,410	3	-	-	-	-	-	-	12	24*	43*
	<2	1,197	3,917,902	3	-	-	-	-	-	-	13	22	45*
	1-3	1,851	6,127,169	4	-	-	-	-	-	-	15	26	52*
	4-6	1,520	5,799,447	4	-	-	-	-	-	-	14	26	49*
	<6	3,791	11,889,007	4	-	-	-	-	-	-	14	26	50
	7-10	537	7,645,200	2	-	-	-	-	-	-	4	12	26*
	11-14	392	7,522,213	2	-	-	-	-	-	-	6	12*	30*
	15-19	409	9,294,121	2	-	-	-	-	-	-	6	11	24*
	20 +	4,724	87,950,403	2	-	-	-	-	-	-	7	12	23
	20-24	336	9,172,756	2	-	-	-	-	-	-	8	15	33*
	25-54	2,499	56,219,548	2	-	-	-	-	-	-	7	12	24
	55-64	775	9,564,795	1	-	-	-	-	-	-	4	10	19*
	65 +	1,114	12,993,304	1	-	-	-	-	-	-	3	8	18*
	All ages	10,127	126,165,488	2	-	-	-	-	-	-	7	13	28
Indirect	<0.5	361	954,525	18	-	-	-	-	-	-	78	134*	211*
	0.5-0.9	333	872,410	11	-	-	-	-	-	-	53	82*	110*
	<2	1,197	3,917,902	8	-	-	-	-	-	-	10	63	139*
	1-3	1,851	6,127,169	1	-	-	-	-	-	-	-	6	23*
	4-6	1,520	5,799,447	-	-	-	-	-	-	-	-	1	13*
	<6	3,791	11,889,007	3	-	-	-	-	-	-	-	9	86
	7-10	537	7,645,200	-	-	-	-	-	-	-	-	-	8*
	11-14	392	7,522,213	-	-	-	-	-	-	-	-	-	10*
	15-19	409	9,294,121	-	-	-	-	-	-	-	-	-	6*
	20 +	4,724	87,950,403	-	-	-	-	-	-	-	-	2	11
	20-24	336	9,172,756	-	-	-	-	-	-	-	-	-	5*
	25-54	2,499	56,219,548	-	-	-	-	-	-	-	-	3	10
	55-64	775	9,564,795	-	-	-	-	-	-	-	-	2	11*
	65 +	1,114	12,993,304	-	-	-	-	-	-	-	-	4	12*
	All ages	10,127	126,165,488	1	-	-	-	-	-	-	-	2	13

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	361	954,525	21	-	-	-	-	-	5	89	134*	211*
	0.5-0.9	333	872,410	14	-	-	-	-	-	9	55	90*	119*
	<2	1,197	3,917,902	11	-	-	-	-	-	3	28	74	149*
	1-3	1,851	6,127,169	5	-	-	-	-	-	-	20	31	70*
	4-6	1,520	5,799,447	4	-	-	-	-	-	-	16	30	50*
	<6	3,791	11,889,007	7	-	-	-	-	-	-	22	39	102
	7-10	537	7,645,200	2	-	-	-	-	-	-	7	13	29*
	11-14	392	7,522,213	2	-	-	-	-	-	-	6	15*	35*
	15-19	409	9,294,121	2	-	-	-	-	-	-	6	11	28*
	20 +	4,724	87,950,403	2	-	-	-	-	-	-	8	14	31
	20-24	336	9,172,756	3	-	-	-	-	-	-	9	17	33*
	25-54	2,499	56,219,548	2	-	-	-	-	-	-	9	14	34
	55-64	775	9,564,795	2	-	-	-	-	-	-	5	12	27*
	65 +	1,114	12,993,304	2	-	-	-	-	-	-	6	13	25*
	All ages	10,127	126,165,488	3	-	-	-	-	-	-	9	16	39

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	744	1,890,461	3	-	-	-	-	-	-	10	18	52*
	0.5-0.9	678	1,770,700	3	-	-	-	-	-	-	10	24	40*
	<2	2,424	7,695,535	3	-	-	-	-	-	-	12	22	47
	1-3	3,645	11,746,146	4	-	-	-	-	-	-	15	26	54
	4-6	2,988	11,570,747	4	-	-	-	-	-	-	15	26	50
	<6	7,530	23,160,174	4	-	-	-	-	-	-	14	26	54
	7-10	1,028	14,541,011	2	-	-	-	-	-	-	7	14	28*
	11-14	790	15,183,156	2	-	-	-	-	-	-	6	11	28*
	15-19	816	17,825,164	2	-	-	-	-	-	-	7	11	25*
	20 +	9,161	181,055,224	2	-	-	-	-	-	-	8	14	27
	20-24	676	18,402,877	3	-	-	-	-	-	-	10	17	35*
	25-54	4,830	111,382,877	2	-	-	-	-	-	-	9	14	27
	55-64	1,516	20,691,260	2	-	-	-	-	-	-	6	12	23
	65 +	2,139	30,578,210	2	-	-	-	-	-	-	6	13	23
	All ages	19,850	255,582,609	2	-	-	-	-	-	-	8	15	31
Indirect	<0.5	744	1,890,461	17	-	-	-	-	-	-	74	133	220*
	0.5-0.9	678	1,770,700	10	-	-	-	-	-	-	43	74	117*
	<2	2,424	7,695,535	7	-	-	-	-	-	-	6	57	148
	1-3	3,645	11,746,146	1	-	-	-	-	-	-	-	5	29
	4-6	2,988	11,570,747	-	-	-	-	-	-	-	-	1	11
	<6	7,530	23,160,174	3	-	-	-	-	-	-	-	7	86
	7-10	1,028	14,541,011	-	-	-	-	-	-	-	-	2	12*
	11-14	790	15,183,156	-	-	-	-	-	-	-	-	-	10*
	15-19	816	17,825,164	-	-	-	-	-	-	-	-	-	6*
	20 +	9,161	181,055,224	-	-	-	-	-	-	-	-	3	12
	20-24	676	18,402,877	-	-	-	-	-	-	-	-	2	5*
	25-54	4,830	111,382,877	1	-	-	-	-	-	-	-	3	13
	55-64	1,516	20,691,260	1	-	-	-	-	-	-	-	4	13
	65 +	2,139	30,578,210	-	-	-	-	-	-	-	-	3	11
	All ages	19,850	255,582,609	1	-	-	-	-	-	-	-	3	13

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	744	1,890,461	20	-	-	-	-	-	-	85	136	269*
	0.5-0.9	678	1,770,700	13	-	-	-	-	-	4	52	87	139*
	<2	2,424	7,695,535	10	-	-	-	-	-	-	27	70	164
	1-3	3,645	11,746,146	5	-	-	-	-	-	-	19	31	69
	4-6	2,988	11,570,747	4	-	-	-	-	-	-	16	28	52
	<6	7,530	23,160,174	7	-	-	-	-	-	-	21	38	102
	7-10	1,028	14,541,011	2	-	-	-	-	-	-	9	16	35*
	11-14	790	15,183,156	2	-	-	-	-	-	-	7	13	27*
	15-19	816	17,825,164	2	-	-	-	-	-	-	7	12	28*
	20 +	9,161	181,055,224	3	-	-	-	-	-	-	10	17	33
	20-24	676	18,402,877	3	-	-	-	-	-	1	12	18	35*
	25-54	4,830	111,382,877	3	-	-	-	-	-	-	11	17	34
	55-64	1,516	20,691,260	2	-	-	-	-	-	-	8	16	32
	65 +	2,139	30,578,210	2	-	-	-	-	-	-	9	15	27
	All ages	19,850	255,582,609	3	-	-	-	-	-	-	10	18	39

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B3. Bottled Water: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	69	1,728,389	5*	-	-	-	-	-	4*	21*	22*	30*
Indirect	69	1,728,389	1*	-	-	-	-	-	-	2*	6*	11*
Direct and Indirect	69	1,728,389	5*	-	-	-	-	-	6*	21*	29*	31*
b. Lactating												
Direct	40	1,141,186	1*	-	-	-	-	-	-	3*	8*	11*
Indirect	40	1,141,186	2*	-	-	-	-	-	-	4*	14*	17*
Direct and Indirect	40	1,141,186	3*	-	-	-	-	-	-	14*	16*	18*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,166	54,687,608	3	-	-	-	-	-	1	11	16	32
Indirect	2,166	54,687,608	-	-	-	-	-	-	-	-	3	10
Direct and Indirect	2,166	54,687,608	3	-	-	-	-	-	2	12	19	34
d. Women Age 15-44												
Direct	2,275	57,555,119	3	-	-	-	-	-	1	11	17	31
Indirect	2,275	57,555,119	-	-	-	-	-	-	-	-	3	12
Direct and Indirect	2,275	57,555,119	3	-	-	-	-	-	2	13	19	34

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:46 M:\PW\OSTWATER\REQ006\R006_D3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table C1. Other Sources: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	728	1,834,226	1	-	-	-	-	-	-	-	-	24*
	1-10	3,753	18,286,088	1	-	-	-	-	-	-	-	10	30
	11-19	805	16,191,986	1	-	-	-	-	-	-	4	9	23*
	20 +	4,437	93,104,821	1	-	-	-	-	-	-	1	7	20
	All ages	9,723	129,417,121	1	-	-	-	-	-	-	2	8	22
Indirect	< 1	728	1,834,226	4	-	-	-	-	-	-	-	6	123*
	1-10	3,753	18,286,088	1	-	-	-	-	-	-	-	5	16
	11-19	805	16,191,986	-	-	-	-	-	-	-	1	3	10*
	20 +	4,437	93,104,821	1	-	-	-	-	-	-	1	8	20
	All ages	9,723	129,417,121	1	-	-	-	-	-	-	1	6	19
Direct and Indirect	< 1	728	1,834,226	5	-	-	-	-	-	-	-	27	128*
	1-10	3,753	18,286,088	2	-	-	-	-	-	-	5	17	40
	11-19	805	16,191,986	2	-	-	-	-	-	-	6	12	30*
	20 +	4,437	93,104,821	2	-	-	-	-	-	-	6	17	33
	All ages	9,723	129,417,121	2	-	-	-	-	-	-	6	16	35
b. Male													
Direct	< 1	694	1,826,935	1	-	-	-	-	-	-	-	3	19*
	1-10	3,908	19,571,816	2	-	-	-	-	-	-	1	13	32
	11-19	801	16,816,334	1	-	-	-	-	-	-	-	6	23*
	20 +	4,724	87,950,403	1	-	-	-	-	-	-	2	8	21
	All ages	10,127	126,165,488	1	-	-	-	-	-	-	2	8	23
Indirect	< 1	694	1,826,935	5	-	-	-	-	-	-	-	54	105*
	1-10	3,908	19,571,816	1	-	-	-	-	-	-	-	4	21
	11-19	801	16,816,334	1	-	-	-	-	-	-	-	4	11*
	20 +	4,724	87,950,403	1	-	-	-	-	-	-	2	8	20
	All ages	10,127	126,165,488	1	-	-	-	-	-	-	1	7	20
Direct and Indirect	< 1	694	1,826,935	6	-	-	-	-	-	-	5	55	110*
	1-10	3,908	19,571,816	2	-	-	-	-	-	-	5	17	43
	11-19	801	16,816,334	1	-	-	-	-	-	-	3	10	27*
	20 +	4,724	87,950,403	2	-	-	-	-	-	-	7	17	33
	All ages	10,127	126,165,488	2	-	-	-	-	-	-	7	16	35

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C1. Other Sources: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,422	3,661,161	1	-	-	-	-	-	-	-	-	22*
	1-10	7,661	37,857,904	2	-	-	-	-	-	-	1	12	31
	11-19	1,606	33,008,320	1	-	-	-	-	-	-	2	7	23*
	20 +	9,161	181,055,224	1	-	-	-	-	-	-	2	8	21
	All ages	19,850	255,582,609	1	-	-	-	-	-	-	2	8	22
Indirect	< 1	1,422	3,661,161	5	-	-	-	-	-	-	-	36	115*
	1-10	7,661	37,857,904	1	-	-	-	-	-	-	-	5	18
	11-19	1,606	33,008,320	-	-	-	-	-	-	-	-	3	10*
	20 +	9,161	181,055,224	1	-	-	-	-	-	-	2	8	20
	All ages	19,850	255,582,609	1	-	-	-	-	-	-	1	7	19
Direct and Indirect	< 1	1,422	3,661,161	6	-	-	-	-	-	-	-	43	125*
	1-10	7,661	37,857,904	2	-	-	-	-	-	-	5	17	42
	11-19	1,606	33,008,320	2	-	-	-	-	-	-	5	11	29*
	20 +	9,161	181,055,224	2	-	-	-	-	-	-	7	17	33
	All ages	19,850	255,582,609	2	-	-	-	-	-	-	6	16	35

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	383	935,936	-	-	-	-	-	-	-	-	-	16*
	0.5-0.9	345	898,290	1	-	-	-	-	-	-	-	-	26*
	<2	1,227	3,777,633	1	-	-	-	-	-	-	-	-	26*
	1-3	1,794	5,618,977	2	-	-	-	-	-	-	-	9	37*
	4-6	1,468	5,771,300	1	-	-	-	-	-	-	-	10	36*
	<6	3,739	11,271,167	1	-	-	-	-	-	-	-	9	37
	7-10	491	6,895,811	1	-	-	-	-	-	-	4	10	29*
	11-14	398	7,660,943	1	-	-	-	-	-	-	5	10*	22*
	15-19	407	8,531,043	1	-	-	-	-	-	-	3	7	25*
	20 +	4,437	93,104,821	1	-	-	-	-	-	-	1	7	20
	20-24	340	9,230,121	-	-	-	-	-	-	-	-	3	12*
	25-54	2,331	55,163,329	1	-	-	-	-	-	-	1	6	20
	55-64	741	11,126,465	1	-	-	-	-	-	-	5	9	22*
	65 +	1,025	17,584,906	1	-	-	-	-	-	-	2	10	18*
	All ages	9,723	129,417,121	1	-	-	-	-	-	-	2	8	22
Indirect	<0.5	383	935,936	5	-	-	-	-	-	-	-	14*	147*
	0.5-0.9	345	898,290	3	-	-	-	-	-	-	-	4*	93*
	<2	1,227	3,777,633	2	-	-	-	-	-	-	-	3	88*
	1-3	1,794	5,618,977	1	-	-	-	-	-	-	-	5	23*
	4-6	1,468	5,771,300	1	-	-	-	-	-	-	-	5	13*
	<6	3,739	11,271,167	1	-	-	-	-	-	-	-	5	32
	7-10	491	6,895,811	1	-	-	-	-	-	-	1	6	16*
	11-14	398	7,660,943	1	-	-	-	-	-	-	1	4*	15*
	15-19	407	8,531,043	-	-	-	-	-	-	-	-	2	5*
	20 +	4,437	93,104,821	1	-	-	-	-	-	-	1	8	20
	20-24	340	9,230,121	-	-	-	-	-	-	-	-	1	12*
	25-54	2,331	55,163,329	1	-	-	-	-	-	-	1	7	22
	55-64	741	11,126,465	1	-	-	-	-	-	-	5	10	17*
	65 +	1,025	17,584,906	1	-	-	-	-	-	-	1	9	19*
	All ages	9,723	129,417,121	1	-	-	-	-	-	-	1	6	19

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	383	935,936	6	-	-	-	-	-	-	-	25*	148*
	0.5-0.9	345	898,290	4	-	-	-	-	-	-	-	27*	99*
	<2	1,227	3,777,633	3	-	-	-	-	-	-	-	12	106*
	1-3	1,794	5,618,977	2	-	-	-	-	-	-	-	17	51*
	4-6	1,468	5,771,300	2	-	-	-	-	-	-	4	14	41*
	<6	3,739	11,271,167	3	-	-	-	-	-	-	-	18	63
	7-10	491	6,895,811	2	-	-	-	-	-	-	8	18	31*
	11-14	398	7,660,943	2	-	-	-	-	-	-	7	14*	34*
	15-19	407	8,531,043	2	-	-	-	-	-	-	5	11	28*
	20 +	4,437	93,104,821	2	-	-	-	-	-	-	6	17	33
	20-24	340	9,230,121	1	-	-	-	-	-	-	-	8	20*
	25-54	2,331	55,163,329	2	-	-	-	-	-	-	6	16	35
	55-64	741	11,126,465	3	-	-	-	-	-	-	13	18	33*
	65 +	1,025	17,584,906	2	-	-	-	-	-	-	8	18	32*
	All ages	9,723	129,417,121	2	-	-	-	-	-	-	6	16	35

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	361	954,525	1	-	-	-	-	-	-	-	-	16*
	0.5-0.9	333	872,410	1	-	-	-	-	-	-	-	6*	23*
	<2	1,197	3,917,902	1	-	-	-	-	-	-	-	5	26*
	1-3	1,851	6,127,169	2	-	-	-	-	-	-	-	12	41*
	4-6	1,520	5,799,447	1	-	-	-	-	-	-	-	11	31*
	<6	3,791	11,889,007	2	-	-	-	-	-	-	-	11	35
	7-10	537	7,645,200	1	-	-	-	-	-	-	3	13	25*
	11-14	392	7,522,213	1	-	-	-	-	-	-	2	9*	24*
	15-19	409	9,294,121	1	-	-	-	-	-	-	-	3	17*
	20 +	4,724	87,950,403	1	-	-	-	-	-	-	2	8	21
	20-24	336	9,172,756	1	-	-	-	-	-	-	-	4	15*
	25-54	2,499	56,219,548	1	-	-	-	-	-	-	2	7	19
	55-64	775	9,564,795	1	-	-	-	-	-	-	4	9	24*
	65 +	1,114	12,993,304	2	-	-	-	-	-	-	6	13	26*
	All ages	10,127	126,165,488	1	-	-	-	-	-	-	2	8	23
Indirect	<0.5	361	954,525	6	-	-	-	-	-	-	-	54*	126*
	0.5-0.9	333	872,410	5	-	-	-	-	-	-	3	49*	87*
	<2	1,197	3,917,902	3	-	-	-	-	-	-	-	9	88*
	1-3	1,851	6,127,169	1	-	-	-	-	-	-	-	5	22*
	4-6	1,520	5,799,447	1	-	-	-	-	-	-	-	3	20*
	<6	3,791	11,889,007	2	-	-	-	-	-	-	-	6	45
	7-10	537	7,645,200	1	-	-	-	-	-	-	-	5	16*
	11-14	392	7,522,213	1	-	-	-	-	-	-	1	5*	17*
	15-19	409	9,294,121	-	-	-	-	-	-	-	-	2	8*
	20 +	4,724	87,950,403	1	-	-	-	-	-	-	2	8	20
	20-24	336	9,172,756	-	-	-	-	-	-	-	-	1	7*
	25-54	2,499	56,219,548	1	-	-	-	-	-	-	2	8	20
	55-64	775	9,564,795	2	-	-	-	-	-	-	6	12	24*
	65 +	1,114	12,993,304	1	-	-	-	-	-	-	4	9	17*
	All ages	10,127	126,165,488	1	-	-	-	-	-	-	1	7	20

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	361	954,525	7	-	-	-	-	-	-	-	54*	166*
	0.5-0.9	333	872,410	6	-	-	-	-	-	-	10	58*	93*
	<2	1,197	3,917,902	4	-	-	-	-	-	-	-	24	93*
	1-3	1,851	6,127,169	3	-	-	-	-	-	-	2	20	55*
	4-6	1,520	5,799,447	2	-	-	-	-	-	-	3	17	43*
	<6	3,791	11,889,007	3	-	-	-	-	-	-	3	21	62
	7-10	537	7,645,200	2	-	-	-	-	-	-	6	15	38*
	11-14	392	7,522,213	2	-	-	-	-	-	-	6	17*	36*
	15-19	409	9,294,121	1	-	-	-	-	-	-	2	8	18*
	20 +	4,724	87,950,403	2	-	-	-	-	-	-	7	17	33
	20-24	336	9,172,756	1	-	-	-	-	-	-	1	6	17*
	25-54	2,499	56,219,548	2	-	-	-	-	-	-	7	16	33
	55-64	775	9,564,795	3	-	-	-	-	-	-	12	21	40*
	65 +	1,114	12,993,304	3	-	-	-	-	-	-	14	22	35*
	All ages	10,127	126,165,488	2	-	-	-	-	-	-	7	16	35

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	744	1,890,461	1	-	-	-	-	-	-	-	-	16*
	0.5-0.9	678	1,770,700	1	-	-	-	-	-	-	-	4	26*
	<2	2,424	7,695,535	1	-	-	-	-	-	-	-	3	26
	1-3	3,645	11,746,146	2	-	-	-	-	-	-	-	11	38
	4-6	2,988	11,570,747	1	-	-	-	-	-	-	-	11	33
	<6	7,530	23,160,174	1	-	-	-	-	-	-	-	10	36
	7-10	1,028	14,541,011	1	-	-	-	-	-	-	3	13	28*
	11-14	790	15,183,156	1	-	-	-	-	-	-	4	10	23*
	15-19	816	17,825,164	1	-	-	-	-	-	-	2	6	20*
	20 +	9,161	181,055,224	1	-	-	-	-	-	-	2	8	21
	20-24	676	18,402,877	1	-	-	-	-	-	-	-	4	14*
	25-54	4,830	111,382,877	1	-	-	-	-	-	-	1	7	20
	55-64	1,516	20,691,260	1	-	-	-	-	-	-	4	9	23
	65 +	2,139	30,578,210	1	-	-	-	-	-	-	5	12	22
	All ages	19,850	255,582,609	1	-	-	-	-	-	-	2	8	22
Indirect	<0.5	744	1,890,461	6	-	-	-	-	-	-	-	54	140*
	0.5-0.9	678	1,770,700	4	-	-	-	-	-	-	-	21	89*
	<2	2,424	7,695,535	3	-	-	-	-	-	-	-	5	88
	1-3	3,645	11,746,146	1	-	-	-	-	-	-	-	5	23
	4-6	2,988	11,570,747	1	-	-	-	-	-	-	-	4	16
	<6	7,530	23,160,174	1	-	-	-	-	-	-	-	5	39
	7-10	1,028	14,541,011	1	-	-	-	-	-	-	1	6	16*
	11-14	790	15,183,156	1	-	-	-	-	-	-	1	4	15*
	15-19	816	17,825,164	-	-	-	-	-	-	-	-	2	6*
	20 +	9,161	181,055,224	1	-	-	-	-	-	-	2	8	20
	20-24	676	18,402,877	-	-	-	-	-	-	-	-	1	8*
	25-54	4,830	111,382,877	1	-	-	-	-	-	-	2	8	21
	55-64	1,516	20,691,260	1	-	-	-	-	-	-	5	11	21
	65 +	2,139	30,578,210	1	-	-	-	-	-	-	3	9	19
	All ages	19,850	255,582,609	1	-	-	-	-	-	-	1	7	19

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	744	1,890,461	6	-	-	-	-	-	-	-	55	148*
	0.5-0.9	678	1,770,700	5	-	-	-	-	-	-	3	35	95*
	<2	2,424	7,695,535	4	-	-	-	-	-	-	-	18	101
	1-3	3,645	11,746,146	3	-	-	-	-	-	-	1	19	54
	4-6	2,988	11,570,747	2	-	-	-	-	-	-	4	17	42
	<6	7,530	23,160,174	3	-	-	-	-	-	-	1	20	62
	7-10	1,028	14,541,011	2	-	-	-	-	-	-	7	17	36*
	11-14	790	15,183,156	2	-	-	-	-	-	-	7	16	36*
	15-19	816	17,825,164	1	-	-	-	-	-	-	4	8	21*
	20 +	9,161	181,055,224	2	-	-	-	-	-	-	7	17	33
	20-24	676	18,402,877	1	-	-	-	-	-	-	-	7	20*
	25-54	4,830	111,382,877	2	-	-	-	-	-	-	6	16	33
	55-64	1,516	20,691,260	3	-	-	-	-	-	-	13	20	39
	65 +	2,139	30,578,210	2	-	-	-	-	-	-	10	20	35
	All ages	19,850	255,582,609	2	-	-	-	-	-	-	6	16	35

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C3. Other Sources: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	69	1,728,389	1*	-	-	-	-	-	-	-	2*	14*
Indirect	69	1,728,389	1*	-	-	-	-	-	-	-	2*	14*
Direct and Indirect	69	1,728,389	1*	-	-	-	-	-	-	-	9*	21*
b. Lactating												
Direct	40	1,141,186	2*	-	-	-	-	-	-	5*	13*	25*
Indirect	40	1,141,186	2*	-	-	-	-	-	-	4*	12*	21*
Direct and Indirect	40	1,141,186	4*	-	-	-	-	-	-	8*	28*	42*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,166	54,687,608	1	-	-	-	-	-	-	-	6	19
Indirect	2,166	54,687,608	1	-	-	-	-	-	-	-	4	19
Direct and Indirect	2,166	54,687,608	2	-	-	-	-	-	-	3	12	31
d. Women Age 15-44												
Direct	2,275	57,555,119	1	-	-	-	-	-	-	-	6	19
Indirect	2,275	57,555,119	1	-	-	-	-	-	-	-	4	19
Direct and Indirect	2,275	57,555,119	2	-	-	-	-	-	-	3	12	31

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:46 M:\PW\OSTWATER\REQ006\R006_D3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table D1. Missing Source: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	728	1,834,226	-	-	-	-	-	-	-	-	-	2*
	1-10	3,753	18,286,088	-	-	-	-	-	-	-	-	-	11
	11-19	805	16,191,986	-	-	-	-	-	-	-	-	-	10*
	20 +	4,437	93,104,821	-	-	-	-	-	-	-	-	-	6
	All ages	9,723	129,417,121	-	-	-	-	-	-	-	-	-	7
Indirect	< 1	728	1,834,226	-	-	-	-	-	-	-	-	-	-
	1-10	3,753	18,286,088	-	-	-	-	-	-	-	-	-	-
	11-19	805	16,191,986	-	-	-	-	-	-	-	-	-	-
	20 +	4,437	93,104,821	-	-	-	-	-	-	-	-	-	-
	All ages	9,723	129,417,121	-	-	-	-	-	-	-	-	-	-
Direct and Indirect	< 1	728	1,834,226	-	-	-	-	-	-	-	-	-	3*
	1-10	3,753	18,286,088	-	-	-	-	-	-	-	-	-	11
	11-19	805	16,191,986	-	-	-	-	-	-	-	-	-	10*
	20 +	4,437	93,104,821	-	-	-	-	-	-	-	-	-	7
	All ages	9,723	129,417,121	-	-	-	-	-	-	-	-	-	8
b. Male													
Direct	< 1	694	1,826,935	-	-	-	-	-	-	-	-	-	2*
	1-10	3,908	19,571,816	-	-	-	-	-	-	-	-	-	8
	11-19	801	16,816,334	-	-	-	-	-	-	-	-	-	8*
	20 +	4,724	87,950,403	-	-	-	-	-	-	-	-	-	5
	All ages	10,127	126,165,488	-	-	-	-	-	-	-	-	-	6
Indirect	< 1	694	1,826,935	-	-	-	-	-	-	-	-	-	-
	1-10	3,908	19,571,816	-	-	-	-	-	-	-	-	-	-
	11-19	801	16,816,334	-	-	-	-	-	-	-	-	-	-
	20 +	4,724	87,950,403	-	-	-	-	-	-	-	-	-	-
	All ages	10,127	126,165,488	-	-	-	-	-	-	-	-	-	-
Direct and Indirect	< 1	694	1,826,935	-	-	-	-	-	-	-	-	-	4*
	1-10	3,908	19,571,816	-	-	-	-	-	-	-	-	-	8
	11-19	801	16,816,334	-	-	-	-	-	-	-	-	-	8*
	20 +	4,724	87,950,403	-	-	-	-	-	-	-	-	-	7
	All ages	10,127	126,165,488	-	-	-	-	-	-	-	-	-	8

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D1. Missing Source: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,422	3,661,161	-	-	-	-	-	-	-	-	-	2*
	1-10	7,661	37,857,904	-	-	-	-	-	-	-	-	-	9
	11-19	1,606	33,008,320	-	-	-	-	-	-	-	-	-	8*
	20 +	9,161	181,055,224	-	-	-	-	-	-	-	-	-	6
	All ages	19,850	255,582,609	-	-	-	-	-	-	-	-	-	6
Indirect	< 1	1,422	3,661,161	-	-	-	-	-	-	-	-	-	-
	1-10	7,661	37,857,904	-	-	-	-	-	-	-	-	-	-
	11-19	1,606	33,008,320	-	-	-	-	-	-	-	-	-	-
	20 +	9,161	181,055,224	-	-	-	-	-	-	-	-	-	-
	All ages	19,850	255,582,609	-	-	-	-	-	-	-	-	-	-
Direct and Indirect	< 1	1,422	3,661,161	-	-	-	-	-	-	-	-	-	3*
	1-10	7,661	37,857,904	-	-	-	-	-	-	-	-	-	10
	11-19	1,606	33,008,320	-	-	-	-	-	-	-	-	-	9*
	20 +	9,161	181,055,224	-	-	-	-	-	-	-	-	-	7
	All ages	19,850	255,582,609	-	-	-	-	-	-	-	-	-	8

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	383	935,936	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	345	898,290	-	-	-	-	-	-	-	-	-	3*
	<2	1,227	3,777,633	-	-	-	-	-	-	-	-	-	3*
	1-3	1,794	5,618,977	-	-	-	-	-	-	-	-	-	7*
	4-6	1,468	5,771,300	-	-	-	-	-	-	-	-	-	8*
	<6	3,739	11,271,167	-	-	-	-	-	-	-	-	-	8
	7-10	491	6,895,811	-	-	-	-	-	-	-	-	-	15*
	11-14	398	7,660,943	-	-	-	-	-	-	-	-	-	7*
	15-19	407	8,531,043	-	-	-	-	-	-	-	-	-	11*
	20 +	4,437	93,104,821	-	-	-	-	-	-	-	-	-	6
	20-24	340	9,230,121	-	-	-	-	-	-	-	-	-	5*
	25-54	2,331	55,163,329	-	-	-	-	-	-	-	-	-	7
	55-64	741	11,126,465	-	-	-	-	-	-	-	-	-	5*
	65 +	1,025	17,584,906	-	-	-	-	-	-	-	-	-	2*
	All ages	9,723	129,417,121	-	-	-	-	-	-	-	-	-	7
Indirect	<0.5	383	935,936	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	345	898,290	-	-	-	-	-	-	-	-	-	-
	<2	1,227	3,777,633	-	-	-	-	-	-	-	-	-	-
	1-3	1,794	5,618,977	-	-	-	-	-	-	-	-	-	-
	4-6	1,468	5,771,300	-	-	-	-	-	-	-	-	-	-
	<6	3,739	11,271,167	-	-	-	-	-	-	-	-	-	-
	7-10	491	6,895,811	-	-	-	-	-	-	-	-	-	-
	11-14	398	7,660,943	-	-	-	-	-	-	-	-	-	-
	15-19	407	8,531,043	-	-	-	-	-	-	-	-	-	-
	20 +	4,437	93,104,821	-	-	-	-	-	-	-	-	-	-
	20-24	340	9,230,121	-	-	-	-	-	-	-	-	-	-
	25-54	2,331	55,163,329	-	-	-	-	-	-	-	-	-	-
	55-64	741	11,126,465	-	-	-	-	-	-	-	-	-	-
	65 +	1,025	17,584,906	-	-	-	-	-	-	-	-	-	2*
	All ages	9,723	129,417,121	-	-	-	-	-	-	-	-	-	-

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	383	935,936	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	345	898,290	-	-	-	-	-	-	-	-	-	4*
	<2	1,227	3,777,633	-	-	-	-	-	-	-	-	-	4*
	1-3	1,794	5,618,977	-	-	-	-	-	-	-	-	-	7*
	4-6	1,468	5,771,300	-	-	-	-	-	-	-	-	-	8*
	<6	3,739	11,271,167	-	-	-	-	-	-	-	-	-	8
	7-10	491	6,895,811	-	-	-	-	-	-	-	-	-	15*
	11-14	398	7,660,943	-	-	-	-	-	-	-	-	-	8*
	15-19	407	8,531,043	-	-	-	-	-	-	-	-	-	11*
	20 +	4,437	93,104,821	-	-	-	-	-	-	-	-	-	7
	20-24	340	9,230,121	-	-	-	-	-	-	-	-	-	5*
	25-54	2,331	55,163,329	-	-	-	-	-	-	-	-	-	8
	55-64	741	11,126,465	-	-	-	-	-	-	-	-	-	5*
	65 +	1,025	17,584,906	-	-	-	-	-	-	-	-	-	6*
	All ages	9,723	129,417,121	-	-	-	-	-	-	-	-	-	8

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	361	954,525	-	-	-	-	-	-	-	-	-	3*
	0.5-0.9	333	872,410	-	-	-	-	-	-	-	-	-	2*
	<2	1,197	3,917,902	-	-	-	-	-	-	-	-	-	8*
	1-3	1,851	6,127,169	-	-	-	-	-	-	-	-	-	10*
	4-6	1,520	5,799,447	-	-	-	-	-	-	-	-	-	8*
	<6	3,791	11,889,007	-	-	-	-	-	-	-	-	-	8
	7-10	537	7,645,200	-	-	-	-	-	-	-	-	-	4*
	11-14	392	7,522,213	-	-	-	-	-	-	-	-	-	8*
	15-19	409	9,294,121	-	-	-	-	-	-	-	-	-	7*
	20 +	4,724	87,950,403	-	-	-	-	-	-	-	-	-	5
	20-24	336	9,172,756	-	-	-	-	-	-	-	-	-	10*
	25-54	2,499	56,219,548	-	-	-	-	-	-	-	-	-	5
	55-64	775	9,564,795	-	-	-	-	-	-	-	-	-	3*
	65 +	1,114	12,993,304	-	-	-	-	-	-	-	-	-	4*
	All ages	10,127	126,165,488	-	-	-	-	-	-	-	-	-	6
Indirect	<0.5	361	954,525	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	333	872,410	-	-	-	-	-	-	-	-	-	2*
	<2	1,197	3,917,902	-	-	-	-	-	-	-	-	-	1*
	1-3	1,851	6,127,169	-	-	-	-	-	-	-	-	-	1*
	4-6	1,520	5,799,447	-	-	-	-	-	-	-	-	-	-
	<6	3,791	11,889,007	-	-	-	-	-	-	-	-	-	-
	7-10	537	7,645,200	-	-	-	-	-	-	-	-	-	-
	11-14	392	7,522,213	-	-	-	-	-	-	-	-	-	-
	15-19	409	9,294,121	-	-	-	-	-	-	-	-	-	2*
	20 +	4,724	87,950,403	-	-	-	-	-	-	-	-	-	-
	20-24	336	9,172,756	-	-	-	-	-	-	-	-	-	-
	25-54	2,499	56,219,548	-	-	-	-	-	-	-	-	-	-
	55-64	775	9,564,795	-	-	-	-	-	-	-	-	-	-
	65 +	1,114	12,993,304	-	-	-	-	-	-	-	-	-	1*
	All ages	10,127	126,165,488	-	-	-	-	-	-	-	-	-	-

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	361	954,525	-	-	-	-	-	-	-	-	-	3*
	0.5-0.9	333	872,410	1	-	-	-	-	-	-	-	-	20*
	<2	1,197	3,917,902	1	-	-	-	-	-	-	-	-	11*
	1-3	1,851	6,127,169	1	-	-	-	-	-	-	-	-	12*
	4-6	1,520	5,799,447	-	-	-	-	-	-	-	-	-	8*
	<6	3,791	11,889,007	-	-	-	-	-	-	-	-	-	10
	7-10	537	7,645,200	-	-	-	-	-	-	-	-	-	5*
	11-14	392	7,522,213	-	-	-	-	-	-	-	-	-	8*
	15-19	409	9,294,121	-	-	-	-	-	-	-	-	-	7*
	20 +	4,724	87,950,403	-	-	-	-	-	-	-	-	-	7
	20-24	336	9,172,756	-	-	-	-	-	-	-	-	-	11*
	25-54	2,499	56,219,548	-	-	-	-	-	-	-	-	-	7
	55-64	775	9,564,795	-	-	-	-	-	-	-	-	-	4*
	65 +	1,114	12,993,304	-	-	-	-	-	-	-	-	-	8*
	All ages	10,127	126,165,488	-	-	-	-	-	-	-	-	-	8

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	744	1,890,461	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	678	1,770,700	-	-	-	-	-	-	-	-	-	3*
	<2	2,424	7,695,535	-	-	-	-	-	-	-	-	-	7
	1-3	3,645	11,746,146	-	-	-	-	-	-	-	-	-	8
	4-6	2,988	11,570,747	-	-	-	-	-	-	-	-	-	8
	<6	7,530	23,160,174	-	-	-	-	-	-	-	-	-	8
	7-10	1,028	14,541,011	-	-	-	-	-	-	-	-	-	10*
	11-14	790	15,183,156	-	-	-	-	-	-	-	-	-	8*
	15-19	816	17,825,164	-	-	-	-	-	-	-	-	-	8*
	20 +	9,161	181,055,224	-	-	-	-	-	-	-	-	-	6
	20-24	676	18,402,877	-	-	-	-	-	-	-	-	-	8*
	25-54	4,830	111,382,877	-	-	-	-	-	-	-	-	-	6
	55-64	1,516	20,691,260	-	-	-	-	-	-	-	-	-	4
	65 +	2,139	30,578,210	-	-	-	-	-	-	-	-	-	3
	All ages	19,850	255,582,609	-	-	-	-	-	-	-	-	-	6
Indirect	<0.5	744	1,890,461	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	678	1,770,700	-	-	-	-	-	-	-	-	-	-
	<2	2,424	7,695,535	-	-	-	-	-	-	-	-	-	-
	1-3	3,645	11,746,146	-	-	-	-	-	-	-	-	-	-
	4-6	2,988	11,570,747	-	-	-	-	-	-	-	-	-	-
	<6	7,530	23,160,174	-	-	-	-	-	-	-	-	-	-
	7-10	1,028	14,541,011	-	-	-	-	-	-	-	-	-	-
	11-14	790	15,183,156	-	-	-	-	-	-	-	-	-	-
	15-19	816	17,825,164	-	-	-	-	-	-	-	-	-	-
	20 +	9,161	181,055,224	-	-	-	-	-	-	-	-	-	-
	20-24	676	18,402,877	-	-	-	-	-	-	-	-	-	-
	25-54	4,830	111,382,877	-	-	-	-	-	-	-	-	-	-
	55-64	1,516	20,691,260	-	-	-	-	-	-	-	-	-	-
	65 +	2,139	30,578,210	-	-	-	-	-	-	-	-	-	2
	All ages	19,850	255,582,609	-	-	-	-	-	-	-	-	-	-

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	744	1,890,461	-	-	-	-	-	-	-	-	-	-
	0.5-0.9	678	1,770,700	-	-	-	-	-	-	-	-	-	8*
	<2	2,424	7,695,535	-	-	-	-	-	-	-	-	-	8
	1-3	3,645	11,746,146	-	-	-	-	-	-	-	-	-	10
	4-6	2,988	11,570,747	-	-	-	-	-	-	-	-	-	8
	<6	7,530	23,160,174	-	-	-	-	-	-	-	-	-	9
	7-10	1,028	14,541,011	-	-	-	-	-	-	-	-	-	10*
	11-14	790	15,183,156	-	-	-	-	-	-	-	-	-	8*
	15-19	816	17,825,164	-	-	-	-	-	-	-	-	-	8*
	20 +	9,161	181,055,224	-	-	-	-	-	-	-	-	-	7
	20-24	676	18,402,877	-	-	-	-	-	-	-	-	-	10*
	25-54	4,830	111,382,877	-	-	-	-	-	-	-	-	-	7
	55-64	1,516	20,691,260	-	-	-	-	-	-	-	-	-	5
	65 +	2,139	30,578,210	-	-	-	-	-	-	-	-	-	7
	All ages	19,850	255,582,609	-	-	-	-	-	-	-	-	-	8

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D3. Missing Source: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	69	1,728,389	1*	-	-	-	-	-	-	-	-	19*
Indirect	69	1,728,389	-	-	-	-	-	-	-	-	-	-
Direct and Indirect	69	1,728,389	1*	-	-	-	-	-	-	-	-	19*
b. Lactating												
Direct	40	1,141,186	1*	-	-	-	-	-	-	-	5*	15*
Indirect	40	1,141,186	-	-	-	-	-	-	-	-	-	1*
Direct and Indirect	40	1,141,186	1*	-	-	-	-	-	-	-	5*	15*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,166	54,687,608	-	-	-	-	-	-	-	-	-	6
Indirect	2,166	54,687,608	-	-	-	-	-	-	-	-	-	-
Direct and Indirect	2,166	54,687,608	-	-	-	-	-	-	-	-	-	6
d. Women Age 15-44												
Direct	2,275	57,555,119	-	-	-	-	-	-	-	-	-	7
Indirect	2,275	57,555,119	-	-	-	-	-	-	-	-	-	-
Direct and Indirect	2,275	57,555,119	-	-	-	-	-	-	-	-	-	8

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:46 M:\PW\OSTWATER\REQ006\R006_D3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table E1. All Sources: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	728	1,834,226	9	-	-	-	-	-	11	26	41	95*
	1-10	3,753	18,286,088	17	-	-	1	6	13	23	37	48	81
	11-19	805	16,191,986	11	-	-	1	4	8	15	23	30	55*
	20 +	4,437	93,104,821	12	-	-	1	4	9	16	25	31	50
	All ages	9,723	129,417,121	12	-	-	1	4	9	17	26	33	60
Indirect	< 1	728	1,834,226	61	-	-	-	2	53	97	142	171	268*
	1-10	3,753	18,286,088	8	-	-	-	2	5	12	20	26	46
	11-19	805	16,191,986	4	-	-	-	1	2	6	10	14	23*
	20 +	4,437	93,104,821	9	-	-	1	3	7	13	18	24	39
	All ages	9,723	129,417,121	9	-	-	-	3	6	12	18	25	55
Direct and Indirect	< 1	728	1,834,226	70	-	-	-	11	60	108	164	191	278*
	1-10	3,753	18,286,088	26	-	4	6	12	21	33	50	64	102
	11-19	805	16,191,986	15	-	2	4	7	13	19	29	36	56*
	20 +	4,437	93,104,821	21	1	5	7	12	18	27	37	45	69
	All ages	9,723	129,417,121	22	-	4	6	11	18	27	39	50	89
b. Male													
Direct	< 1	694	1,826,935	9	-	-	-	-	-	11	25	37	81*
	1-10	3,908	19,571,816	17	-	-	-	6	13	23	36	47	77
	11-19	801	16,816,334	12	-	-	1	4	9	15	24	34	65*
	20 +	4,724	87,950,403	10	-	-	1	3	8	14	22	29	49
	All ages	10,127	126,165,488	12	-	-	-	4	8	15	25	34	61
Indirect	< 1	694	1,826,935	57	-	-	-	2	51	90	134	163	239*
	1-10	3,908	19,571,816	8	-	-	-	2	5	11	20	28	48
	11-19	801	16,816,334	5	-	-	-	1	3	6	10	15	25*
	20 +	4,724	87,950,403	9	-	-	1	3	7	11	18	23	43
	All ages	10,127	126,165,488	9	-	-	-	2	6	11	18	25	59
Direct and Indirect	< 1	694	1,826,935	66	-	-	-	10	59	100	145	172	270*
	1-10	3,908	19,571,816	25	-	3	6	12	21	33	49	62	95
	11-19	801	16,816,334	16	-	3	4	7	12	20	32	42	68*
	20 +	4,724	87,950,403	19	-	4	6	10	16	24	34	43	67
	All ages	10,127	126,165,488	20	-	3	6	10	16	25	38	50	86

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E1. All Sources: Gender by Broad Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	1,422	3,661,161	9	-	-	-	-	-	11	26	38	91*
	1-10	7,661	37,857,904	17	-	-	-	6	13	23	36	47	78
	11-19	1,606	33,008,320	11	-	-	1	4	9	15	24	32	59*
	20 +	9,161	181,055,224	11	-	-	1	4	9	15	24	30	50
	All ages	19,850	255,582,609	12	-	-	-	4	9	16	26	33	60
Indirect	< 1	1,422	3,661,161	59	-	-	-	2	52	94	138	168	247*
	1-10	7,661	37,857,904	8	-	-	-	2	5	11	20	27	48
	11-19	1,606	33,008,320	4	-	-	-	1	3	6	10	14	25*
	20 +	9,161	181,055,224	9	-	-	1	3	7	12	18	23	41
	All ages	19,850	255,582,609	9	-	-	-	2	6	11	18	25	57
Direct and Indirect	< 1	1,422	3,661,161	68	-	-	-	11	59	103	153	185	272*
	1-10	7,661	37,857,904	25	-	4	6	12	21	33	49	63	99
	11-19	1,606	33,008,320	16	-	2	4	7	13	20	30	39	64*
	20 +	9,161	181,055,224	20	1	4	6	11	17	26	35	44	68
	All ages	19,850	255,582,609	21	-	4	6	10	17	26	38	50	87

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 10:16 M:\PW\OSTWATER\REQ006\R006_D1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	383	935,936	7	-	-	-	-	-	8	21	32*	100*
	0.5-0.9	345	898,290	11	-	-	-	-	4	14	34	43*	74*
	<2	1,227	3,777,633	14	-	-	-	-	7	19	37	48	97*
	1-3	1,794	5,618,977	20	-	-	-	6	15	27	42	56	96*
	4-6	1,468	5,771,300	19	-	-	-	7	15	26	41	52	81*
	<6	3,739	11,271,167	18	-	-	-	4	13	25	40	52	91
	7-10	491	6,895,811	14	-	-	3	6	10	19	30	37	53*
	11-14	398	7,660,943	11	-	-	1	4	8	14	22	26*	48*
	15-19	407	8,531,043	11	-	-	1	3	8	16	25	31	57*
	20 +	4,437	93,104,821	12	-	-	1	4	9	16	25	31	50
	20-24	340	9,230,121	13	-	-	-	3	9	15	25	33	77*
	25-54	2,331	55,163,329	12	-	-	1	4	9	16	26	31	50
	55-64	741	11,126,465	12	-	-	2	5	9	16	24	30	45*
	65 +	1,025	17,584,906	12	-	-	2	6	10	17	23	27	38*
	All ages	9,723	129,417,121	12	-	-	1	4	9	17	26	33	60
Indirect	<0.5	383	935,936	71	-	-	-	-	65	119	164	199*	293*
	0.5-0.9	345	898,290	51	-	-	-	8	47	78	106	138*	174*
	<2	1,227	3,777,633	37	-	-	-	3	13	55	111	142	226*
	1-3	1,794	5,618,977	12	-	-	-	3	8	16	28	36	72*
	4-6	1,468	5,771,300	8	-	-	-	2	6	11	18	25	38*
	<6	3,739	11,271,167	19	-	-	-	3	8	18	47	90	164
	7-10	491	6,895,811	6	-	-	-	1	4	8	15	17	25*
	11-14	398	7,660,943	4	-	-	-	1	3	6	11	13*	20*
	15-19	407	8,531,043	4	-	-	-	1	2	5	10	14	23*
	20 +	4,437	93,104,821	9	-	-	1	3	7	13	18	24	39
	20-24	340	9,230,121	6	-	-	-	2	4	8	14	18	28*
	25-54	2,331	55,163,329	9	-	-	1	3	7	13	20	26	42
	55-64	741	11,126,465	10	-	1	2	5	8	13	19	24	38*
	65 +	1,025	17,584,906	10	-	1	2	5	9	13	17	22	33*
	All ages	9,723	129,417,121	9	-	-	-	3	6	12	18	25	55

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	383	935,936	79	-	-	-	-	71	128	184	221*	308*
	0.5-0.9	345	898,290	62	-	-	5	20	54	91	118	167*	206*
	<2	1,227	3,777,633	51	-	-	2	13	33	73	123	164	239*
	1-3	1,794	5,618,977	32	-	4	8	15	26	41	61	80	127*
	4-6	1,468	5,771,300	27	-	4	7	13	22	35	52	66	98*
	<6	3,739	11,271,167	37	-	2	6	14	26	46	78	109	188
	7-10	491	6,895,811	20	1*	4	6	10	17	26	36	45	70*
	11-14	398	7,660,943	15	-	2*	4	7	13	19	28	36*	51*
	15-19	407	8,531,043	15	-	1	3	6	12	20	29	37	58*
	20 +	4,437	93,104,821	21	1	5	7	12	18	27	37	45	69
	20-24	340	9,230,121	19	-	2	5	8	14	22	33	42	89*
	25-54	2,331	55,163,329	21	1	4	6	11	18	27	38	47	69
	55-64	741	11,126,465	22	2*	6	9	14	20	28	38	43	59*
	65 +	1,025	17,584,906	22	5*	8	10	14	20	27	35	41	54*
	All ages	9,723	129,417,121	22	-	4	6	11	18	27	39	50	89

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	361	954,525	7	-	-	-	-	-	8	21	26*	81*
	0.5-0.9	333	872,410	11	-	-	-	-	5	13	29	39*	73*
	<2	1,197	3,917,902	13	-	-	-	-	7	18	32	43	81*
	1-3	1,851	6,127,169	19	-	-	-	5	14	26	40	52	87*
	4-6	1,520	5,799,447	19	-	-	1	7	15	27	42	53	81*
	<6	3,791	11,889,007	17	-	-	-	4	12	25	39	52	86
	7-10	537	7,645,200	14	-	-	2	6	11	19	29	35	51*
	11-14	392	7,522,213	13	-	-	1	4	10	16	28	39*	56*
	15-19	409	9,294,121	11	-	-	-	3	8	14	21	26	64*
	20 +	4,724	87,950,403	10	-	-	1	3	8	14	22	29	49
	20-24	336	9,172,756	12	-	-	-	3	8	16	27	41	74*
	25-54	2,499	56,219,548	10	-	-	-	3	8	13	22	30	48
	55-64	775	9,564,795	9	-	-	-	3	7	13	19	24	33*
	65 +	1,114	12,993,304	11	-	-	2	5	9	15	21	26	34*
	All ages	10,127	126,165,488	12	-	-	-	4	8	15	25	34	61
Indirect	<0.5	361	954,525	68	-	-	-	-	62	114	160	204*	277*
	0.5-0.9	333	872,410	45	-	-	-	6	42	71	100	120*	138*
	<2	1,197	3,917,902	34	-	-	-	2	11	52	100	130	214*
	1-3	1,851	6,127,169	11	-	-	-	3	7	15	27	35	65*
	4-6	1,520	5,799,447	8	-	-	-	2	5	11	20	28	41*
	<6	3,791	11,889,007	18	-	-	-	2	8	17	45	79	146
	7-10	537	7,645,200	6	-	-	-	1	4	8	14	18	29*
	11-14	392	7,522,213	5	-	-	-	1	3	7	12	16*	25*
	15-19	409	9,294,121	4	-	-	-	1	3	5	9	13	23*
	20 +	4,724	87,950,403	9	-	-	1	3	7	11	18	23	43
	20-24	336	9,172,756	5	-	-	-	1	3	8	12	16	25*
	25-54	2,499	56,219,548	9	-	-	1	3	6	11	18	24	48
	55-64	775	9,564,795	10	-	1	3	5	8	12	18	25	40*
	65 +	1,114	12,993,304	9	-	1	2	5	8	12	17	20	29*
	All ages	10,127	126,165,488	9	-	-	-	2	6	11	18	25	59

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	361	954,525	75	-	-	-	-	67	118	163	214*	293*
	0.5-0.9	333	872,410	56	-	-	2	19	51	82	113	134*	166*
	<2	1,197	3,917,902	46	-	-	-	11	30	66	110	139	223*
	1-3	1,851	6,127,169	30	-	3	6	14	25	39	58	72	116*
	4-6	1,520	5,799,447	28	-	4	7	14	23	36	54	68	95*
	<6	3,791	11,889,007	35	-	1	5	14	26	44	74	100	165
	7-10	537	7,645,200	19	-	4	6	10	17	26	36	45	64*
	11-14	392	7,522,213	18	-	3*	4	8	14	23	37	44*	64*
	15-19	409	9,294,121	15	-	2	4	6	11	18	28	39	71*
	20 +	4,724	87,950,403	19	-	4	6	10	16	24	34	43	67
	20-24	336	9,172,756	17	-	1	2	7	14	22	35	45	75*
	25-54	2,499	56,219,548	19	-	4	6	10	16	24	35	45	68
	55-64	775	9,564,795	19	1*	6	7	11	17	24	32	39	63*
	65 +	1,114	12,993,304	19	3*	6	8	12	18	25	32	37	50*
	All ages	10,127	126,165,488	20	-	3	6	10	16	25	38	50	86

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	744	1,890,461	7	-	-	-	-	-	8	21	31	96*
	0.5-0.9	678	1,770,700	11	-	-	-	-	5	14	31	41	76*
	<2	2,424	7,695,535	13	-	-	-	-	7	19	34	46	91
	1-3	3,645	11,746,146	19	-	-	-	5	14	26	42	54	90
	4-6	2,988	11,570,747	19	-	-	-	7	15	26	41	52	81
	<6	7,530	23,160,174	18	-	-	-	4	13	25	40	52	87
	7-10	1,028	14,541,011	14	-	-	2	6	11	19	29	36	52*
	11-14	790	15,183,156	12	-	-	1	4	9	15	25	33	51*
	15-19	816	17,825,164	11	-	-	-	3	8	15	23	30	62*
	20 +	9,161	181,055,224	11	-	-	1	4	9	15	24	30	50
	20-24	676	18,402,877	12	-	-	-	3	8	15	26	37	75*
	25-54	4,830	111,382,877	11	-	-	1	4	8	15	24	31	49
	55-64	1,516	20,691,260	11	-	-	1	4	8	15	22	27	38
	65 +	2,139	30,578,210	11	-	-	2	5	10	16	22	27	38
	All ages	19,850	255,582,609	12	-	-	-	4	9	16	26	33	60
Indirect	<0.5	744	1,890,461	70	-	-	-	-	63	117	163	200	289*
	0.5-0.9	678	1,770,700	48	-	-	-	7	45	75	104	125	169*
	<2	2,424	7,695,535	35	-	-	-	2	12	54	105	137	214
	1-3	3,645	11,746,146	12	-	-	-	3	8	16	27	36	68
	4-6	2,988	11,570,747	8	-	-	-	2	5	11	19	26	41
	<6	7,530	23,160,174	18	-	-	-	2	8	18	46	83	160
	7-10	1,028	14,541,011	6	-	-	-	1	4	8	14	18	29*
	11-14	790	15,183,156	5	-	-	-	1	3	7	11	15	25*
	15-19	816	17,825,164	4	-	-	-	1	2	5	10	14	23*
	20 +	9,161	181,055,224	9	-	-	1	3	7	12	18	23	41
	20-24	676	18,402,877	6	-	-	-	1	4	8	14	17	26*
	25-54	4,830	111,382,877	9	-	-	1	3	7	12	19	25	46
	55-64	1,516	20,691,260	10	-	1	2	5	8	13	18	25	38
	65 +	2,139	30,578,210	9	-	1	2	5	8	12	17	21	33
	All ages	19,850	255,582,609	9	-	-	-	2	6	11	18	25	57

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
All Individuals

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	744	1,890,461	77	-	-	-	-	68	125	174	216	297*
	0.5-0.9	678	1,770,700	59	-	-	4	20	53	86	118	148	194*
	<2	2,424	7,695,535	49	-	-	1	12	31	69	117	150	232
	1-3	3,645	11,746,146	31	-	3	7	14	25	40	60	75	120
	4-6	2,988	11,570,747	27	-	4	7	13	23	36	53	68	97
	<6	7,530	23,160,174	36	-	2	6	14	26	45	76	104	175
	7-10	1,028	14,541,011	20	-	4	6	10	17	26	36	45	68*
	11-14	790	15,183,156	16	-	3	4	8	14	21	32	40	60*
	15-19	816	17,825,164	15	-	2	4	6	12	19	29	38	66*
	20 +	9,161	181,055,224	20	1	4	6	11	17	26	35	44	68
	20-24	676	18,402,877	18	-	1	3	8	14	22	34	44	85*
	25-54	4,830	111,382,877	20	-	4	6	11	17	26	37	46	68
	55-64	1,516	20,691,260	20	2	6	8	12	18	26	35	42	59
	65 +	2,139	30,578,210	21	3	7	9	13	19	27	34	39	54
	All ages	19,850	255,582,609	21	-	4	6	10	17	26	38	50	87

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:09 M:\PW\OSTWATER\REQ006\R006_D4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E3. All Sources: Pregnant, Lactating, and Childbearing Age Women Categories
All Individuals

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	69	1,728,389	14*	-	-	-	4*	14*	22*	29*	31*	33*
Indirect	69	1,728,389	6*	-	-	1*	2*	4*	9*	16*	17*	19*
Direct and Indirect	69	1,728,389	21*	-	3*	5*	10*	19*	29*	39*	44*	61*
b. Lactating												
Direct	40	1,141,186	17*	-	-	-	4*	11*	28*	38*	45*	51*
Indirect	40	1,141,186	11*	-	-	1*	3*	7*	13*	23*	26*	63*
Direct and Indirect	40	1,141,186	28*	-	6*	9*	12*	25*	41*	53*	57*	70*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	2,166	54,687,608	12	-	-	-	4	8	15	25	32	61
Indirect	2,166	54,687,608	8	-	-	-	2	5	11	17	23	38
Direct and Indirect	2,166	54,687,608	19	-	3	5	9	16	25	35	46	77
d. Women Age 15-44												
Direct	2,275	57,555,119	12	-	-	-	4	9	16	26	32	60
Indirect	2,275	57,555,119	8	-	-	-	2	5	11	17	23	38
Direct and Indirect	2,275	57,555,119	19	-	3	5	9	16	25	36	46	77

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:46 M:\PW\OSTWATER\REQ006\R006_D3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table A1. Community Water: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	221	577,121	141	-	8*	13	37	73	174	315	431*	692*
	1-10	2,650	13,828,644	353	26	56	60	117	236	461	731	1,032	1,593
	11-19	615	12,077,681	557	37*	57	111	189	383	706	1,193	1,536	2,504*
	20 +	3,282	68,559,294	769	42	111	141	289	580	946	1,615	1,944	3,650
	All ages	6,768	95,042,740	678	29	81	114	233	470	901	1,417	1,876	3,254
Indirect	< 1	492	1,234,906	473	4*	21	44	118	479	695	888	1,017	1,394*
	1-10	3,349	16,013,896	162	2	6	15	47	112	228	376	475	743
	11-19	651	12,932,403	235	2*	7	17	55	145	312	537	772	1,301*
	20 +	4,064	85,855,345	547	3	28	71	205	435	750	1,127	1,436	2,379
	All ages	8,556	116,036,550	459	3	16	40	122	332	641	1,018	1,315	2,251
Direct and Indirect	< 1	516	1,294,659	515	3*	26	49	158	503	755	972	1,122	1,617*
	1-10	3,627	17,949,653	417	5	30	59	147	323	569	920	1,123	1,736
	11-19	768	15,254,527	640	7*	43	89	220	459	905	1,389	1,774	2,600*
	20 +	4,227	89,385,243	1,116	11	84	192	494	943	1,514	2,165	2,711	4,268
	All ages	9,138	123,884,082	950	9	59	118	338	747	1,316	2,004	2,483	3,864
b. Male													
Direct	< 1	200	486,651	140	9*	13*	17	41	83	171	293*	395*	690*
	1-10	2,730	14,456,107	377	27	53	68	145	287	498	817	992	1,472
	11-19	650	13,499,796	688	29*	65	115	228	471	820	1,396	1,769	3,965*
	20 +	3,416	64,456,588	822	45	111	118	294	590	1,059	1,736	2,243	4,036
	All ages	6,996	92,899,142	730	29	82	116	235	489	944	1,531	1,987	3,785
Indirect	< 1	453	1,129,605	457	5*	21	32	89	427	732	949	1,086	1,384*
	1-10	3,418	16,662,968	173	2	7	15	50	116	234	392	528	783
	11-19	658	13,738,878	283	3*	8	18	72	193	365	638	895	1,622*
	20 +	4,137	77,525,839	641	6	32	74	235	494	849	1,294	1,679	3,288
	All ages	8,666	109,057,290	523	4	15	42	133	355	714	1,135	1,489	2,923
Direct and Indirect	< 1	481	1,199,641	488	7*	28	44	118	459	756	976	1,171	1,488*
	1-10	3,738	18,741,065	445	4	29	59	152	355	630	944	1,154	1,705
	11-19	768	15,923,039	827	7*	67	118	299	595	1,059	1,669	2,056	3,985*
	20 +	4,384	82,703,542	1,242	15	118	233	563	1,038	1,644	2,387	3,016	4,939
	All ages	9,371	118,567,287	1,053	10	72	139	384	817	1,426	2,164	2,734	4,616

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A1. Community Water: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	421	1,063,772	141	9*	13	15	39	78	174	296	444	704*
	1-10	5,380	28,284,751	366	26	56	65	118	262	471	784	1,003	1,511
	11-19	1,265	25,577,477	626	36*	59	115	223	467	767	1,299	1,672	3,565*
	20 +	6,698	133,015,882	795	43	111	130	292	589	1,024	1,646	2,117	3,792
	All ages	13,764	187,941,882	704	29	82	116	234	472	943	1,469	1,888	3,663
Indirect	< 1	945	2,364,511	466	4*	21	38	106	451	715	917	1,043	1,391*
	1-10	6,767	32,676,864	168	2	7	15	48	113	232	384	506	776
	11-19	1,309	26,671,281	260	2*	7	18	64	167	339	584	825	1,377*
	20 +	8,201	163,381,184	592	4	29	74	219	472	795	1,202	1,549	2,778
	All ages	17,222	225,093,840	490	3	16	41	127	343	677	1,071	1,412	2,543
Direct and Indirect	< 1	997	2,494,300	502	4*	28	46	133	484	756	976	1,147	1,517*
	1-10	7,365	36,690,718	431	5	29	59	148	339	599	934	1,137	1,722
	11-19	1,536	31,177,566	736	7*	58	106	249	533	967	1,566	1,973	3,689*
	20 +	8,611	172,088,785	1,176	13	103	208	524	995	1,572	2,284	2,848	4,631
	All ages	18,509	242,451,369	1,000	9	64	127	355	786	1,375	2,069	2,601	4,274

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	76	202,040	113	-	-	-	22*	56	112*	174*	453*	733*
	0.5-0.9	145	375,081	156	-	10*	24*	43	104	231	334*	418*	611*
	<2	523	1,758,255	220	5*	23	28	56	145	294	467	612	923*
	1-3	1,174	3,736,878	295	-	38	57	115	223	352	583	795	1,417*
	4-6	1,061	4,281,558	367	24*	46	82	128	266	468	791	1,019	1,419*
	<6	2,266	7,089,320	304	10	29	57	114	232	394	613	822	1,291
	7-10	415	5,810,208	381	18*	53	79	118	254	464	812	1,063	1,811*
	11-14	314	5,968,002	476	27*	56*	85	166	348	588	943	1,480*	1,958*
	15-19	301	6,109,679	637	39*	58*	98	209	455	825	1,392	1,671*	3,029*
	20 +	3,282	68,559,294	769	42	111	141	289	580	946	1,615	1,944	3,650
	20-24	238	6,588,299	829	32*	86*	115	231	506	929	1,535	2,593*	5,265*
	25-54	1,682	39,719,998	757	38	104	117	261	531	944	1,643	2,014	3,529
	55-64	553	8,392,584	790	48*	114	168	348	589	1,050	1,624	1,860	2,808*
	65 +	809	13,858,413	764	50*	116	201	342	613	991	1,413	1,840	2,700*
	All ages	6,768	95,042,740	678	29	81	114	233	470	901	1,417	1,876	3,254
Indirect	<0.5	203	501,191	536	6*	27*	52	316	545	774	952	1,027*	1,252*
	0.5-0.9	289	733,715	431	2*	17*	34	99	426	665	841	999*	1,424*
	<2	930	2,946,661	290	2*	12	23	59	161	447	744	860	1,287*
	1-3	1,601	5,039,473	155	1*	8	17	47	111	219	352	445	738*
	4-6	1,326	5,176,882	168	2*	6	15	49	117	232	369	460	739*
	<6	3,195	9,713,965	199	2	8	18	51	122	259	485	663	997
	7-10	422	5,797,541	164	1*	6	12	43	104	232	393	489	720*
	11-14	317	5,974,288	214	2*	6*	14	57	145	308	468	586*	904*
	15-19	334	6,958,115	252	2*	7*	17	55	146	336	647	909*	1,466*
	20 +	4,064	85,855,345	547	3	28	71	205	435	750	1,127	1,436	2,379
	20-24	308	8,434,343	378	2*	13	38	118	281	481	814	1,139	1,810*
	25-54	2,146	51,134,949	551	4	25	62	178	429	751	1,171	1,510	2,502
	55-64	676	10,338,356	612	2*	44	89	246	516	815	1,211	1,545	2,381*
	65 +	934	15,947,697	584	6*	60	129	286	506	790	1,045	1,305	2,056*
	All ages	8,556	116,036,550	459	3	16	40	122	332	641	1,018	1,315	2,251

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	221	541,386	539	7*	18*	52	188	559	799	961	1,123*	1,423*
	0.5-0.9	295	753,273	497	3*	25*	49	132	484	736	979	1,097*	1,659*
	<2	984	3,125,870	397	3*	22	44	112	316	601	852	1,015	1,424*
	1-3	1,704	5,364,721	351	3*	24	47	125	272	473	735	947	1,387*
	4-6	1,428	5,637,463	433	5*	30	59	151	348	599	909	1,177	1,738*
	<6	3,401	10,350,854	395	4	24	49	133	308	561	829	1,022	1,580
	7-10	495	6,947,469	455	6*	37	65	152	354	633	987	1,161	1,870*
	11-14	379	7,171,981	574	7*	59*	111	233	428	799	1,216	1,564*	2,105*
	15-19	389	8,082,546	699	7*	25*	66	196	503	983	1,519	1,927*	2,918*
	20 +	4,227	89,385,243	1,116	11	84	192	494	943	1,514	2,165	2,711	4,268
	20-24	326	8,994,955	962	9*	65	119	332	651	1,135	1,943	2,909	5,351*
	25-54	2,240	53,328,911	1,092	12	75	175	467	882	1,505	2,196	2,823	4,246
	55-64	698	10,624,269	1,220	9*	108	228	650	1,113	1,647	2,248	2,607	3,829*
	65 +	963	16,437,108	1,210	16*	135	334	695	1,106	1,603	2,121	2,520	3,697*
	All ages	9,138	123,884,082	950	9	59	118	338	747	1,316	2,004	2,483	3,864

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	76	177,448	101	8*	10*	14*	27*	58	115*	231*	364*	432*
	0.5-0.9	124	309,203	163	9*	14*	21*	54	105	214	310*	477*	815*
	<2	503	1,730,934	208	12*	21	34	59	131	283	458	584	925*
	1-3	1,182	3,878,743	294	26*	42	55	113	231	367	585	792	1,237*
	4-6	1,103	4,360,572	387	27*	51	82	146	291	472	815	1,002	1,484*
	<6	2,269	7,239,675	322	15	41	57	114	234	431	697	875	1,410
	7-10	445	6,216,792	423	20*	55	84	169	304	584	921	1,040	1,597*
	11-14	320	6,085,567	594	26*	56*	86	177	432	703	1,351	1,662*	3,274*
	15-19	330	7,414,229	765	31*	82*	117	235	527	934	1,399	1,867*	5,997*
	20 +	3,416	64,456,588	822	45	111	118	294	590	1,059	1,736	2,243	4,036
	20-24	254	6,882,414	918	-	63	113	235	506	1,044	2,105	3,333	5,001*
	25-54	1,796	41,170,738	816	45	93	117	291	581	1,058	1,751	2,341	4,001
	55-64	561	6,941,569	758	73*	112	134	292	580	998	1,491	1,865	2,745*
	65 +	805	9,461,867	825	54*	116	208	351	700	1,119	1,633	1,877	2,461*
	All ages	6,996	92,899,142	730	29	82	116	235	489	944	1,531	1,987	3,785
Indirect	<0.5	202	484,753	557	5*	29*	52	257	550	823	969	1,085*	1,412*
	0.5-0.9	251	644,852	383	3*	18*	29	76	308	567	907	1,064*	1,383*
	<2	869	2,821,053	278	2*	11	22	59	140	423	764	894	1,278*
	1-3	1,608	5,273,072	156	2*	8	17	48	108	210	355	474	757*
	4-6	1,359	5,207,276	171	2*	7	14	45	113	236	391	527	863*
	<6	3,168	9,949,766	195	2	8	18	50	119	250	481	668	1,037
	7-10	451	6,182,620	191	1*	6	14	53	131	257	437	583	779*
	11-14	328	6,297,834	241	2*	7*	12	66	162	293	504	820*	1,186*
	15-19	330	7,441,044	318	4*	11*	24	80	216	399	680	896*	1,800*
	20 +	4,137	77,525,839	641	6	32	74	235	494	849	1,294	1,679	3,288
	20-24	283	7,777,298	421	2*	11	26	111	289	574	943	1,214	1,721*
	25-54	2,203	49,786,481	667	5	33	74	225	485	890	1,369	1,833	3,826
	55-64	688	8,563,629	698	7*	41	129	286	586	919	1,307	1,668	2,926*
	65 +	963	11,398,431	638	13*	61	142	302	562	859	1,208	1,460	2,177*
	All ages	8,666	109,057,290	523	4	15	42	133	355	714	1,135	1,489	2,923

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	214	515,857	558	10*	30*	46	217	548	845	992	1,169*	1,436*
	0.5-0.9	267	683,784	435	3*	23*	41	87	362	684	959	1,162*	1,483*
	<2	929	3,050,967	375	3*	22	44	115	275	565	858	1,009	1,391*
	1-3	1,718	5,646,374	347	3*	23	49	117	267	507	710	943	1,394*
	4-6	1,488	5,714,724	451	4*	29	67	152	358	626	980	1,175	1,710*
	<6	3,406	10,686,487	400	3	26	54	126	323	570	851	1,073	1,559
	7-10	532	7,379,967	516	5*	33	85	207	417	762	1,007	1,291	1,856*
	11-14	380	7,260,626	707	7*	57*	118	251	522	931	1,555	1,963*	3,579*
	15-19	388	8,662,413	928	6*	70*	135	340	685	1,170	1,810	2,318*	4,832*
	20 +	4,384	82,703,542	1,242	15	118	233	563	1,038	1,644	2,387	3,016	4,939
	20-24	318	8,663,072	1,107	9*	69	122	396	787	1,338	2,338	3,444	5,323*
	25-54	2,359	53,450,658	1,250	18	118	236	558	1,029	1,644	2,403	3,146	5,057
	55-64	712	8,859,843	1,268	11*	118	260	644	1,103	1,658	2,397	2,911	4,276*
	65 +	995	11,729,969	1,286	30*	160	289	710	1,190	1,747	2,268	2,648	3,588*
	All ages	9,371	118,567,287	1,053	10	72	139	384	817	1,426	2,164	2,734	4,616

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
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Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	152	379,488	107	8*	10*	12*	25	58	114	222*	381*	650*
	0.5-0.9	269	684,284	159	4*	13*	24	53	105	231	326	450*	724*
	<2	1,026	3,489,189	214	12*	24	34	59	138	290	462	590	924*
	1-3	2,356	7,615,621	294	26	41	57	114	231	354	584	794	1,275
	4-6	2,164	8,642,130	377	27	48	82	141	284	472	796	1,004	1,470
	<6	4,535	14,328,995	313	14	38	57	114	233	411	647	827	1,402
	7-10	860	12,027,000	403	21*	54	83	145	288	557	887	1,054	1,605*
	11-14	634	12,053,569	535	28*	58	86	175	383	695	1,170	1,612	2,536*
	15-19	631	13,523,908	707	38*	76	116	229	491	886	1,404	1,836	3,798*
	20 +	6,698	133,015,882	795	43	111	130	292	589	1,024	1,646	2,117	3,792
	20-24	492	13,470,713	875	-	79	114	233	506	946	1,880	3,165	5,124*
	25-54	3,478	80,890,736	787	41	96	117	282	578	1,005	1,682	2,219	3,781
	55-64	1,114	15,334,153	776	56*	113	163	325	587	1,038	1,594	1,871	2,799*
	65 +	1,614	23,320,280	789	52	116	205	349	696	1,054	1,534	1,858	2,588
	All ages	13,764	187,941,882	704	29	82	116	234	472	943	1,469	1,888	3,663
Indirect	<0.5	405	985,944	546	6*	28	53	307	545	797	959	1,047	1,359*
	0.5-0.9	540	1,378,567	408	3*	18	30	84	375	638	866	1,038	1,395*
	<2	1,799	5,767,714	284	2*	12	22	59	150	433	752	880	1,295*
	1-3	3,209	10,312,545	155	2	8	17	47	109	215	353	460	749
	4-6	2,685	10,384,158	169	2	6	14	48	115	234	381	502	830
	<6	6,363	19,663,731	197	2	8	18	51	120	254	483	666	1,012
	7-10	873	11,980,161	178	1*	6	14	49	115	246	413	525	777*
	11-14	645	12,272,122	228	2*	7	14	61	152	306	495	779	1,184*
	15-19	664	14,399,159	286	3*	10	20	65	178	369	672	898	1,575*
	20 +	8,201	163,381,184	592	4	29	74	219	472	795	1,202	1,549	2,778
	20-24	591	16,211,641	398	2*	11	32	118	284	537	865	1,200	1,801*
	25-54	4,349	100,921,430	608	4	28	69	201	464	807	1,277	1,639	3,074
	55-64	1,364	18,901,985	651	7	44	117	271	546	847	1,248	1,639	2,599
	65 +	1,897	27,346,128	606	8	60	134	294	533	813	1,113	1,390	2,136
	All ages	17,222	225,093,840	490	3	16	41	127	343	677	1,071	1,412	2,543

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	435	1,057,243	548	10*	29	52	209	552	814	985	1,139	1,433*
	0.5-0.9	562	1,437,057	467	3*	25	44	105	426	710	971	1,147	1,586*
	<2	1,913	6,176,837	386	3*	22	44	114	301	587	856	1,014	1,401*
	1-3	3,422	11,011,095	349	3	23	48	119	270	485	723	946	1,393
	4-6	2,916	11,352,187	442	4	29	61	152	355	607	943	1,176	1,729
	<6	6,807	21,037,341	398	4	25	51	130	315	564	842	1,051	1,573
	7-10	1,027	14,327,436	487	6*	34	72	180	382	707	993	1,241	1,942*
	11-14	759	14,432,607	641	7*	59	115	235	473	833	1,415	1,742	2,564*
	15-19	777	16,744,959	817	7*	51	99	266	608	1,065	1,671	2,161	3,862*
	20 +	8,611	172,088,785	1,176	13	103	208	524	995	1,572	2,284	2,848	4,631
	20-24	644	17,658,027	1,033	10*	68	122	359	711	1,218	2,175	3,082	5,356*
	25-54	4,599	106,779,569	1,171	14	100	201	503	965	1,561	2,326	2,926	4,735
	55-64	1,410	19,484,112	1,242	11	115	237	651	1,111	1,657	2,297	2,721	4,222
	65 +	1,958	28,167,077	1,242	24	155	310	704	1,149	1,657	2,190	2,604	3,668
	All ages	18,509	242,451,369	1,000	9	64	127	355	786	1,375	2,069	2,601	4,274

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A3. Community Water: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	42	1,104,709	800*	-	34*	57*	172*	577*	1,365*	1,420*	1,928*	2,255*
Indirect	63	1,552,902	354*	-	12*	20*	63*	230*	458*	824*	1,238*	1,463*
Direct and Indirect	65	1,644,007	872*	-	14*	29*	116*	554*	1,424*	1,844*	2,589*	3,448*
b. Lactating												
Direct	27	716,055	1,484*	-	67*	104*	584*	1,587*	1,875*	2,630*	2,837*	3,611*
Indirect	32	928,855	596*	-	11*	103*	187*	445*	621*	1,131*	1,904*	2,643*
Direct and Indirect	34	971,057	1,665*	-	11*	158*	488*	1,646*	2,417*	2,959*	3,588*	4,098*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	1,536	38,898,732	736	42*	87	116	234	495	929	1,517	2,101	3,858*
Indirect	1,937	49,298,637	461	3*	15	40	125	325	621	1,041	1,352	2,367*
Direct and Indirect	2,077	52,631,773	976	9	59	134	355	752	1,301	2,013	2,614	4,430
d. Women Age 15-44												
Direct	1,605	40,717,432	751	41*	85	116	234	513	935	1,628	2,199	3,837*
Indirect	2,031	51,762,240	460	3	15	40	125	325	620	1,041	1,354	2,367
Direct and Indirect	2,176	55,244,773	985	9	58	126	355	756	1,315	2,046	2,732	4,397

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:20 M:\PW\OSTWATER\REQ006\R006_E3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B1. Bottled Water: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	147	333,702	127	-	12*	15*	30	82	166	261*	327*	756*
	1-10	875	4,052,523	355	-	42	56	117	254	466	701	945	1,530*
	11-19	165	3,387,409	503	-	56*	99*	175	341	633	963*	1,451*	3,151*
	20 +	952	22,196,372	712	39*	105	119	263	555	940	1,434	1,874	2,730*
	All ages	2,139	29,970,006	634	28	82	113	232	468	828	1,406	1,766	2,763
Indirect	< 1	119	281,683	546	3*	29*	50*	310	464	770	1,064*	1,237*	1,400*
	1-10	289	1,421,155	172	-	11*	25	56	112	205	421	507*	802*
	11-19	40	782,949	216*	-	19*	44*	74*	121*	256*	576*	697*	755*
	20 +	342	7,624,946	423	8*	58	105	177	350	583	901	1,116	1,658*
	All ages	790	10,110,733	375	5*	32	69	118	266	516	806	1,016	1,560*
Direct and Indirect	< 1	199	469,858	417	-	14*	29*	73	297	626	960*	1,217*	1,534*
	1-10	921	4,324,096	390	21*	57	85	142	291	503	823	1,068	1,619*
	11-19	167	3,445,698	544	31*	78*	115*	177	356	698	1,106*	1,539*	3,140*
	20 +	997	23,221,076	819	39*	115	146	353	690	1,065	1,747	1,975	3,060*
	All ages	2,284	31,460,728	724	30	87	118	266	532	947	1,551	1,893	3,001
b. Male													
Direct	< 1	143	384,400	122	-	-	28*	53	78	149	238*	352*	500*
	1-10	846	3,820,757	350	21*	43	58	117	248	466	739	827	1,432*
	11-19	136	2,840,801	636	-	71*	99*	222	431	891	1,377*	1,764*	2,809*
	20 +	888	18,086,181	720	45*	113	134	260	522	939	1,419	1,890	3,360*
	All ages	2,013	25,132,139	645	28	84	115	232	468	873	1,409	1,822	2,923
Indirect	< 1	122	351,104	577	-	57*	125*	333	532	757	912*	1,277*	1,470*
	1-10	284	1,214,625	177	3*	14*	27	70	115	200	375	526*	1,049*
	11-19	44	942,078	258*	-	11*	57*	118*	151*	345*	568*	659*	893*
	20 +	286	5,328,324	567	6*	53	114	233	355	679	1,202	1,578	3,863*
	All ages	736	7,836,131	470	5*	27	75	146	283	590	975	1,437	2,738*
Direct and Indirect	< 1	193	532,482	469	-	34*	51*	108	408	723	947*	1,103*	1,505*
	1-10	893	4,050,772	383	22*	44	66	141	294	501	827	930	1,654*
	11-19	144	2,985,423	686	35*	118*	118*	239	466	945	1,425*	1,833*	2,798*
	20 +	937	18,998,203	845	47*	116	152	337	592	1,096	1,774	2,303	3,855*
	All ages	2,167	26,566,880	749	30	89	118	254	530	998	1,616	2,095	3,779

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
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Table B1. Bottled Water: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	290	718,102	124	11*	13*	23	52	83	163	261	346*	628*
	1-10	1,721	7,873,280	353	21*	42	57	117	256	466	708	914	1,497*
	11-19	301	6,228,210	564	-	69*	104	199	379	703	1,279	1,537*	2,884*
	20 +	1,840	40,282,553	716	47	112	123	263	528	941	1,429	1,889	2,857
	All ages	4,152	55,102,145	639	28	83	114	232	468	851	1,408	1,773	2,834
Indirect	< 1	241	632,787	564	13*	48*	120	330	514	764	963	1,250*	1,474*
	1-10	573	2,635,780	174	3*	12	26	65	113	203	400	516	978*
	11-19	84	1,725,027	239	3*	16*	57*	96	141	316	588*	701*	825*
	20 +	628	12,953,270	482	7*	59	108	195	355	592	972	1,360	2,396*
	All ages	1,526	17,946,864	416	5*	31	73	126	273	556	886	1,171	1,951*
Direct and Indirect	< 1	392	1,002,340	445	13*	28*	36	88	366	688	959	1,183*	1,525*
	1-10	1,814	8,374,868	387	22*	44	73	143	293	503	827	1,006	1,649*
	11-19	311	6,431,121	610	32*	89*	118	227	438	797	1,334	1,686*	2,876*
	20 +	1,934	42,219,279	831	45	116	148	351	649	1,068	1,773	2,101	3,525
	All ages	4,451	58,027,608	736	30	89	118	266	532	975	1,567	1,964	3,312

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	65	136,531	103*	-	-	-	28*	56*	121*	261*	291*	341*
	0.5-0.9	82	197,171	143	-	12*	19*	37	86	170	258*	364*	836*
	<2	258	739,583	169	11*	13*	24	56	109	227	351	442*	707*
	1-3	411	1,234,653	273	-	28	46	100	209	347	530	722	1,218*
	4-6	362	1,355,482	380	27*	52*	76	145	290	470	705	1,000*	1,631*
	<6	861	2,427,869	287	12*	26	45	88	204	350	583	792	1,478*
	7-10	102	1,462,388	401	-	41*	57*	129	281	540	816*	948*	1,512*
	11-14	76	1,517,140	402	-	51*	93*	140*	290	487*	704*	903*	1,747*
	15-19	89	1,870,269	585	32*	59*	97*	179	437	704	1,221*	1,545*	2,766*
	20 +	952	22,196,372	712	39*	105	119	263	555	940	1,434	1,874	2,730*
	20-24	95	2,734,804	691	27*	66*	104*	197	470	952	1,501*	1,755*	2,663*
	25-54	567	14,531,674	697	50*	107	118	236	518	936	1,499	1,878	2,746*
	55-64	138	2,120,603	753	76*	111*	167	344	600	953	1,414	1,777*	2,480*
	65 +	152	2,809,291	776	33*	113*	193	340	677	1,095	1,384	1,567*	2,297*
	All ages	2,139	29,970,006	634	28	82	113	232	468	828	1,406	1,766	2,763
Indirect	<0.5	60	135,270	571*	13*	28*	135*	357*	494*	823*	1,039*	1,129*	1,357*
	0.5-0.9	59	146,413	523*	-	28*	48*	276*	430*	673*	1,059*	1,265*	1,352*
	<2	164	446,907	424	5*	25*	30*	95	360	625	957*	1,190*	1,365*
	1-3	147	458,195	186	8*	16*	26*	44	112	228	418*	605*	1,018*
	4-6	100	339,078	121	7*	14*	27*	72	90	122	221*	318*	493*
	<6	349	982,570	273	7*	20*	29	69	139	382	710	953*	1,324*
	7-10	42	623,882	190*	-	5*	11*	56*	114*	244*	431*	514*	617*
	11-14	23	434,105	224*	-	15*	48*	77*	119*	268*	560*	656*	746*
	15-19	17	348,844	206*	-	11*	31*	69*	120*	174*	576*	656*	719*
	20 +	342	7,624,946	423	8*	58	105	177	350	583	901	1,116	1,658*
	20-24	29	789,374	216*	-	91*	100*	108*	118*	231*	389*	639*	928*
	25-54	181	4,609,638	443	13*	50*	93	179	353	582	935	1,356*	1,734*
	55-64	64	1,004,218	516	-	94*	118*	287	452	616	988*	1,090*	1,325*
	65 +	68	1,221,716	405	-	36*	81*	172	371	588	710*	779*	838*
	All ages	790	10,110,733	375	5*	32	69	118	266	516	806	1,016	1,560*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	97	215,647	424	13*	14*	29*	59	321	714	940*	1,060*	1,500*
	0.5-0.9	102	254,211	412	-	13*	25*	85	273	596	954*	1,337*	1,537*
	<2	316	901,017	349	13*	16*	30	99	221	498	893	1,020*	1,521*
	1-3	431	1,303,357	324	13*	30	52	118	233	414	706	959	1,401*
	4-6	379	1,418,152	392	26*	58*	86	163	324	473	783	1,051*	1,639*
	<6	948	2,677,363	360	14*	29	58	118	261	473	820	1,016	1,547*
	7-10	111	1,602,587	440	-	51*	89*	151	303	573	912*	1,230*	1,673*
	11-14	78	1,575,429	449	-	65*	113*	172*	334	593*	855*	1,053*	1,970*
	15-19	89	1,870,269	624	34*	81*	102*	183	466	771	1,431*	1,616*	3,075*
	20 +	997	23,221,076	819	39*	115	146	353	690	1,065	1,747	1,975	3,060*
	20-24	102	2,887,052	713	28*	68*	115*	264	476	1,022	1,532*	1,861*	2,653*
	25-54	593	15,217,336	800	48*	114	143	322	665	1,035	1,695	1,922	3,225*
	55-64	144	2,205,378	959	80*	137*	183	408	828	1,331	1,898	2,315*	2,769*
	65 +	158	2,911,310	919	-	117*	233	472	770	1,317	1,764	1,998*	2,562*
	All ages	2,284	31,460,728	724	30	87	118	266	532	947	1,551	1,893	3,001

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	64	169,693	98*	-	23*	29*	43*	73*	103*	166*	227*	417*
	0.5-0.9	79	214,707	141	-	-	23*	55*	90	173*	334*	382*	474*
	<2	244	840,074	168	-	24*	30	56	108	224	347	413*	809*
	1-3	416	1,380,422	280	18*	27	47	111	223	350	579	700	1,411*
	4-6	344	1,232,681	392	-	53*	86	166	292	538	744	912*	1,645*
	<6	838	2,607,235	286	13*	29	53	88	229	376	601	740	1,412*
	7-10	86	1,207,654	389	-	49*	74*	113	299	493	797*	824*	1,484*
	11-14	67	1,259,086	577*	-	65*	102*	199*	354*	823*	1,321*	1,541*	2,134*
	15-19	69	1,581,715	682*	-	71*	95*	228*	459*	912*	1,442*	1,825*	2,875*
	20 +	888	18,086,181	720	45*	113	134	260	522	939	1,419	1,890	3,360*
	20-24	74	2,126,545	835	-	74*	111*	232	525	986	2,017*	2,347*	4,068*
	25-54	555	12,690,413	721	40*	114	138	264	524	940	1,417	1,887	3,362*
	55-64	130	1,728,210	591	83*	109*	115	216	394	844	1,270	1,501*	2,122*
	65 +	129	1,541,013	705	63*	140*	197	334	575	932	1,334	1,632*	2,373*
	All ages	2,013	25,132,139	645	28	84	115	232	468	873	1,409	1,822	2,923
Indirect	<0.5	63	172,817	659*	-	66*	267*	446*	610*	763*	1,075*	1,454*	1,547*
	0.5-0.9	59	178,287	498*	-	50*	115*	291*	486*	746*	821*	917*	1,097*
	<2	171	573,643	411	3*	14*	42*	97	371	630	812*	922*	1,464*
	1-3	156	520,025	177	3*	13*	20*	51	113	192	426*	580*	1,026*
	4-6	100	329,458	176	2*	24*	27*	61	115	216	380*	575*	761*
	<6	360	1,084,724	304	3*	17*	28	67	176	480	761	905*	1,446*
	7-10	28	365,142	176*	-	8*	50*	77*	119*	181*	362*	374*	818*
	11-14	24	463,737	274*	-	7*	11*	71*	200*	407*	556*	629*	762*
	15-19	20	478,341	242*	-	-	112*	121*	133*	235*	426*	624*	900*
	20 +	286	5,328,324	567	6*	53	114	233	355	679	1,202	1,578	3,863*
	20-24	14	328,198	503*	-	-	28*	114*	237*	376*	1,667*	1,816*	1,934*
	25-54	165	3,562,486	586	8*	42*	112	231	355	650	1,303	1,828*	4,049*
	55-64	47	601,652	488	-	4*	73*	118*	352	704*	962*	1,223*	1,361*
	65 +	60	835,988	568	-	113*	186*	254	472	710	1,097*	1,203*	1,432*
	All ages	736	7,836,131	470	5*	27	75	146	283	590	975	1,437	2,738*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	95	259,696	503	-	30*	41*	77	503	736	997*	1,439*	1,581*
	0.5-0.9	98	272,786	437	-	46*	57*	128	359	655	884*	1,053*	1,205*
	<2	305	1,040,726	362	10*	29*	45	85	244	575	804	975*	1,453*
	1-3	446	1,487,340	321	16*	29	55	114	236	442	689	827	1,407*
	4-6	355	1,267,500	427	27*	50*	85	173	352	591	853	996*	1,644*
	<6	926	2,877,201	373	18*	42	57	118	266	532	799	947	1,499*
	7-10	92	1,295,932	412	-	53*	79*	161	333	494	810*	922*	1,827*
	11-14	70	1,325,407	644*	-	93*	114*	232*	456*	933*	1,378*	1,579*	2,197*
	15-19	74	1,660,016	720*	-	118*	118*	242*	466*	960*	1,548*	1,858*	2,872*
	20 +	937	18,998,203	845	47*	116	152	337	592	1,096	1,774	2,303	3,855*
	20-24	77	2,202,164	882	-	81*	117*	231	533	1,158	2,044*	2,604*	4,039*
	25-54	581	13,270,018	847	36*	115	163	352	591	1,087	1,773	2,344	3,904*
	55-64	135	1,782,200	738	-	111*	116	227	480	1,056	1,504	2,115*	2,738*
	65 +	144	1,743,821	895	70*	159*	208	431	786	1,170	1,778	2,127*	2,536*
	All ages	2,167	26,566,880	749	30	89	118	254	530	998	1,616	2,095	3,779

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
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-: Means zero.
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Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	129	306,224	100	-	-	24*	38	69	107	223*	280*	365*
	0.5-0.9	161	411,878	142	-	13*	23*	54	88	172	327*	376*	726*
	<2	502	1,579,657	169	12*	16	27	56	109	225	351	439	800*
	1-3	827	2,615,075	277	13*	28	47	101	222	350	581	703	1,406*
	4-6	706	2,588,163	386	27*	53	80	161	291	508	732	996	1,644*
	<6	1,699	5,035,104	286	13*	28	53	88	216	354	589	768	1,419*
	7-10	188	2,670,042	396	16*	45*	72*	117	287	530	804*	926*	1,525*
	11-14	143	2,776,226	482	-	57*	102*	180	334	583	1,049*	1,365*	2,127*
	15-19	158	3,451,984	630	30*	73*	101*	214	453	824	1,401*	1,601*	2,962*
	20 +	1,840	40,282,553	716	47	112	123	263	528	941	1,429	1,889	2,857
	20-24	169	4,861,349	754	30*	77*	107	217	478	996	1,536	2,259*	2,942*
	25-54	1,122	27,222,087	708	50*	112	121	255	522	938	1,431	1,889	3,207*
	55-64	268	3,848,813	680	82*	113	127	258	516	929	1,410	1,727	2,377*
	65 +	281	4,350,304	751	34*	114	196	338	620	1,055	1,371	1,626	2,445*
	All ages	4,152	55,102,145	639	28	83	114	232	468	851	1,408	1,773	2,834
Indirect	<0.5	123	308,087	621	13*	50*	168*	419	592	811	1,048*	1,437*	1,498*
	0.5-0.9	118	324,700	509	4*	41*	54*	289	474	717	934*	1,060*	1,349*
	<2	335	1,020,550	417	4*	17*	31	97	365	625	897	1,066*	1,464*
	1-3	303	978,220	181	4*	14*	24	48	112	209	427	600*	1,034*
	4-6	200	668,536	148	3*	18*	27	69	110	177	302*	452*	652*
	<6	709	2,067,294	289	5*	18	29	69	155	429	751	921	1,408*
	7-10	70	989,024	185*	-	7*	13*	73*	116*	212*	415*	505*	633*
	11-14	47	897,842	250*	-	11*	43*	88*	148*	369*	585*	681*	786*
	15-19	37	827,185	227*	-	38*	68*	118*	133*	236*	588*	686*	879*
	20 +	628	12,953,270	482	7*	59	108	195	355	592	972	1,360	2,396*
	20-24	43	1,117,572	300*	-	37*	101*	111*	166*	249*	643*	969*	1,863*
	25-54	346	8,172,124	505	9*	49	108	207	355	592	1,022	1,473	2,655*
	55-64	111	1,605,870	505	-	71*	112*	237	434	693	981*	1,151*	1,361*
	65 +	128	2,057,704	471	7*	44*	114	238	424	626	820	1,095*	1,293*
	All ages	1,526	17,946,864	416	5*	31	73	126	273	556	886	1,171	1,951*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	192	475,343	467	14*	24*	30*	73	428	740	977*	1,208*	1,522*
	0.5-0.9	200	526,997	425	-	23*	47	114	353	630	945*	1,103*	1,413*
	<2	621	1,941,743	356	14*	29	44	88	235	522	822	1,013	1,488*
	1-3	877	2,790,697	323	14*	30	57	118	236	437	697	892	1,411*
	4-6	734	2,685,652	409	28*	58	87	174	325	530	842	1,040	1,648*
	<6	1,874	5,554,564	367	14*	35	58	118	266	503	806	1,005	1,538*
	7-10	203	2,898,519	428	19*	51*	86	163	325	538	834	1,080*	1,862*
	11-14	148	2,900,836	538	33*	86*	115*	211	359	696	1,101*	1,421*	2,192*
	15-19	163	3,530,285	669	31*	101*	118*	228	469	874	1,509*	1,778*	3,141*
	20 +	1,934	42,219,279	831	45	116	148	351	649	1,068	1,773	2,101	3,525
	20-24	179	5,089,216	786	31*	79*	116	262	532	1,065	1,640	2,343*	3,126*
	25-54	1,174	28,487,354	822	45*	115	167	330	621	1,062	1,773	1,981	3,786*
	55-64	279	3,987,578	860	75*	114	152	325	685	1,189	1,833	2,306	2,839*
	65 +	302	4,655,131	910	37*	122	234	465	785	1,182	1,766	2,074	2,548*
	All ages	4,451	58,027,608	736	30	89	118	266	532	975	1,567	1,964	3,312

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table B3. Bottled Water: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	25	651,202	803*	-	46*	103*	205*	598*	1,297*	1,555*	1,720*	1,858*
Indirect	9	273,435	353*	-	-	16*	76*	206*	580*	637*	824*	975*
Direct and Indirect	27	696,859	889*	-	52*	144*	288*	675*	1,284*	1,910*	1,957*	2,193*
b. Lactating												
Direct	6	198,034	501*	-	-	-	76*	225*	655*	1,047*	1,174*	1,276*
Indirect	4	164,884	662*	-	-	-	253*	705*	845*	906*	927*	943*
Direct and Indirect	7	278,308	749*	-	-	-	225*	608*	1,005*	1,144*	1,223*	1,286*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	556	14,765,332	686	47*	89	116	235	475	933	1,462	1,863	2,798*
Indirect	159	4,189,959	360	7*	38*	85*	118	237	490	784*	956*	1,466*
Direct and Indirect	577	15,294,142	761	36*	91	118	290	591	996	1,576	1,910	3,153*
d. Women Age 15-44												
Direct	587	15,614,568	689	38*	87	116	234	476	935	1,470	1,861	2,783*
Indirect	172	4,628,278	370	2*	38*	86*	118	237	509	811*	959*	1,460*
Direct and Indirect	611	16,269,309	767	35*	92	118	293	592	1,025	1,599	1,922	3,091*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:20 M:\PW\OSTWATER\REQ006\R006_E3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C1. Other Sources: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	30	71,281	155*	-	16*	30*	52*	105*	186*	293*	431*	555*
	1-10	390	1,877,916	330	23*	43*	68	115	231	425	768	871*	1,117*
	11-19	108	2,247,194	538	-	56*	129*	204	353	691	1,112*	1,511*	2,549*
	20 +	514	9,840,416	629	41*	111	134	243	472	877	1,299	1,626	2,113*
	All ages	1,042	14,036,807	572	29*	82	115	232	413	798	1,177	1,493	2,124*
Indirect	< 1	52	119,216	414*	4*	7*	11*	78*	393*	654*	826*	905*	1,098*
	1-10	400	1,847,012	162	3*	8	14	43	100	228	393	458	654*
	11-19	102	2,057,996	194	-	5*	18*	67	118	257	410*	721*	787*
	20 +	552	10,707,161	585	6*	35	89	207	421	767	1,140	1,502	2,715*
	All ages	1,106	14,731,385	476	4*	22	40	118	312	653	1,038	1,336	2,527*
Direct and Indirect	< 1	60	139,746	432*	-	30*	52*	134*	405*	665*	897*	1,019*	1,235*
	1-10	487	2,286,234	402	8*	38	65	151	334	584	865	1,034	1,260*
	11-19	127	2,590,880	621	-	84*	143*	235	395	825	1,343*	1,872*	2,506*
	20 +	616	11,910,701	1,046	24*	124	237	498	941	1,439	1,925	2,371	3,123*
	All ages	1,290	16,927,561	889	9*	89	148	340	709	1,255	1,826	2,224	3,034*
b. Male													
Direct	< 1	40	116,950	138*	-	-	16*	42*	65*	115*	218*	318*	1,069*
	1-10	390	2,084,731	345	27*	56*	58	116	263	468	747	815*	1,276*
	11-19	81	1,555,782	563	-	92*	127*	190	372	781	1,156*	1,538*	2,149*
	20 +	637	10,552,786	758	25*	73	117	236	518	1,021	1,557	1,892	3,266*
	All ages	1,148	14,310,249	671	27*	59	113	225	468	912	1,414	1,858	3,119*
Indirect	< 1	60	181,249	455*	20*	28*	54*	133*	404*	692*	958*	1,019*	1,160*
	1-10	409	2,041,035	168	1*	4	8	33	100	235	399	562	946*
	11-19	88	1,695,894	310	-	10*	45*	108	227	392	713*	933*	1,014*
	20 +	675	11,132,716	708	9*	26	85	230	556	993	1,475	1,886	3,288*
	All ages	1,232	15,050,894	587	3*	20	45	137	408	809	1,286	1,727	2,929*
Direct and Indirect	< 1	73	215,170	458*	-	29*	46*	136*	398*	566*	963*	1,081*	1,770*
	1-10	492	2,533,181	420	6*	29	59	148	315	591	903	1,081	1,657*
	11-19	103	1,996,206	702	2*	54*	177*	310	564	942	1,367*	1,753*	2,787*
	20 +	777	13,103,334	1,212	24*	118	221	530	1,001	1,660	2,286	3,017	4,883*
	All ages	1,445	17,847,891	1,034	15*	89	148	348	798	1,420	2,108	2,820	4,734*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C1. Other Sources: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	70	188,231	144*	11*	13*	19*	48*	82*	124*	236*	413*	981*
	1-10	780	3,962,647	338	27*	53	59	116	236	465	759	828	1,120*
	11-19	189	3,802,976	548	15*	79*	129*	202	354	718	1,157*	1,556*	2,547*
	20 +	1,151	20,393,202	696	27*	88	124	241	496	936	1,414	1,851	2,954*
	All ages	2,190	28,347,056	622	28	68	114	231	456	827	1,375	1,721	2,912
Indirect	< 1	112	300,465	439	5*	13*	28*	130	402	675	886*	972*	1,162*
	1-10	809	3,888,047	165	2*	5	13	40	100	231	395	519	876*
	11-19	190	3,753,890	246	2*	6*	28*	88	178	326	610*	756*	1,009*
	20 +	1,227	21,839,877	648	7*	31	88	218	483	873	1,319	1,774	2,924*
	All ages	2,338	29,782,279	532	4	20	43	126	355	742	1,177	1,533	2,785
Direct and Indirect	< 1	133	354,916	448	-	29*	50*	137	400	647	959*	1,082*	1,479*
	1-10	979	4,819,415	411	8*	33	64	148	323	585	876	1,054	1,556*
	11-19	230	4,587,086	656	4*	86*	147	271	444	853	1,363	1,877*	2,777*
	20 +	1,393	25,014,035	1,133	24	118	236	503	969	1,532	2,148	2,728	4,619
	All ages	2,735	34,775,452	963	13	89	148	347	741	1,344	1,970	2,468	3,814

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	13	24,810	84*	-	-	22*	49*	70*	107*	115*	118*	182*
	0.5-0.9	17	46,471	193*	-	18*	32*	46*	113*	216*	389*	480*	568*
	<2	64	176,314	207*	-	25*	39*	56*	110*	221*	488*	756*	940*
	1-3	179	456,893	271	10*	26*	43*	86	181	379	549*	777*	1,025*
	4-6	151	560,850	316	-	34*	54*	127	222	424	703*	783*	1,332*
	<6	333	877,362	295	13*	38*	54	105	222	401	696	813*	1,265*
	7-10	60	860,173	369*	-	66*	81*	116*	252*	555*	841*	885*	1,075*
	11-14	55	1,062,288	527*	-	35*	128*	206*	354*	703*	1,089*	1,149*	2,096*
	15-19	53	1,184,906	548*	-	85*	128*	188*	353*	629*	1,424*	1,700*	2,319*
	20 +	514	9,840,416	629	41*	111	134	243	472	877	1,299	1,626	2,113*
	20-24	25	606,174	447*	-	51*	88*	167*	293*	709*	839*	951*	1,437*
	25-54	261	5,749,517	618	37*	83	117	234	466	906	1,335	1,634	2,157*
	55-64	118	1,666,945	664	-	116*	153*	295	471	878	1,352*	1,637*	1,997*
	65 +	110	1,817,780	693	92*	150*	221*	340	651	889	1,178*	1,402*	1,918*
	All ages	1,042	14,036,807	572	29*	82	115	232	413	798	1,177	1,493	2,124*
Indirect	<0.5	28	50,117	564*	-	68*	180*	328*	557*	795*	832*	984*	1,139*
	0.5-0.9	24	69,099	305*	-	-	8*	14*	135*	545*	754*	887*	947*
	<2	92	249,326	266	1*	5*	7*	28	124	413	731*	874*	1,217*
	1-3	189	491,603	149	-	5*	8*	43	87	188	349*	441*	994*
	4-6	149	533,229	145	1*	8*	14*	47	99	211	312*	431*	654*
	<6	363	922,537	178	1*	6*	9	43	99	218	435	658*	1,168*
	7-10	62	822,180	181*	-	13*	15*	42*	113*	286*	397*	466*	585*
	11-14	57	1,057,577	237*	-	4*	7*	79*	138*	277*	711*	755*	897*
	15-19	45	1,000,419	148*	-	5*	21*	39*	118*	216*	325*	344*	481*
	20 +	552	10,707,161	585	6*	35	89	207	421	767	1,140	1,502	2,715*
	20-24	24	599,425	353*	-	14*	29*	72*	154*	444*	1,000*	1,096*	1,217*
	25-54	291	6,464,606	611	5*	29	88	178	375	780	1,316	1,894	2,824*
	55-64	122	1,734,177	569	-	89*	131*	266	475	739	1,014*	1,193*	1,875*
	65 +	115	1,908,953	585	6*	53*	128*	291	587	828	1,013*	1,256*	1,448*
	All ages	1,106	14,731,385	476	4*	22	40	118	312	653	1,038	1,336	2,527*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	31	58,860	516*	-	53*	96*	217*	476*	726*	907*	1,010*	1,144*
	0.5-0.9	29	80,886	372*	-	-	30*	117*	248*	525*	703*	1,014*	1,297*
	<2	107	294,705	349	7*	8*	32*	106	210	501	890*	1,035*	1,477*
	1-3	222	576,271	342	3*	22*	44	116	235	471	755	1,021*	1,258*
	4-6	192	708,120	360	8*	30*	44*	130	264	456	726*	1,020*	1,633*
	<6	440	1,144,445	370	7*	21	50	117	277	487	792	1,023	1,515*
	7-10	73	1,001,843	465*	18*	70*	100*	206*	383*	685*	913*	1,046*	1,108*
	11-14	67	1,307,654	620*	-	16*	119*	232*	436*	821*	1,290*	1,745*	2,365*
	15-19	60	1,283,226	621*	18*	105*	144*	234*	392*	822*	1,638*	1,912*	2,356*
	20 +	616	11,910,701	1,046	24*	124	237	498	941	1,439	1,925	2,371	3,123*
	20-24	34	828,221	583*	-	35*	49*	159*	496*	864*	1,185*	1,297*	1,663*
	25-54	324	7,109,491	1,056	21*	120	218	470	830	1,461	2,073	2,544	3,642*
	55-64	132	1,856,456	1,128	-	238*	342	707	1,072	1,466	1,874	2,250*	2,787*
	65 +	126	2,116,533	1,123	39*	288*	394	648	1,073	1,440	1,833	2,206*	2,508*
	All ages	1,290	16,927,561	889	9*	89	148	340	709	1,255	1,826	2,224	3,034*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	13	38,492	202*	-	16*	20*	35*	71*	111*	146*	731*	1,282*
	0.5-0.9	27	78,458	106*	-	-	-	45*	58*	117*	221*	291*	342*
	<2	79	267,255	190	-	16*	25*	57*	106	232*	381*	462*	1,019*
	1-3	175	527,442	301	24*	38*	58*	108	231	403	601*	705*	1,248*
	4-6	148	594,237	329	-	56*	59*	143	259	409	626*	744*	1,006*
	<6	337	1,028,997	292	-	29*	56	88	224	384	596	706*	1,314*
	7-10	67	963,052	380*	-	46*	56*	120*	327*	515*	805*	822*	1,243*
	11-14	45	813,508	645*	-	92*	120*	218*	465*	878*	1,170*	1,693*	2,074*
	15-19	36	742,274	473*	-	54*	124*	179*	267*	603*	1,048*	1,243*	1,814*
	20 +	637	10,552,786	758	25*	73	117	236	518	1,021	1,557	1,892	3,266*
	20-24	28	873,922	580*	-	70*	97*	204*	299*	803*	1,401*	1,588*	1,867*
	25-54	316	6,531,594	720	-	70	115	230	470	941	1,419	1,877	3,170*
	55-64	119	1,337,857	800	-	63*	108*	334	565	937	1,555*	2,261*	3,596*
	65 +	174	1,809,413	948	23*	111*	243	471	776	1,196	1,775	2,108*	3,100*
	All ages	1,148	14,310,249	671	27*	59	113	225	468	912	1,414	1,858	3,119*
Indirect	<0.5	24	74,574	490*	-	-	86*	317*	401*	678*	1,000*	1,141*	1,170*
	0.5-0.9	36	106,675	430*	-	23*	35*	88*	446*	673*	927*	961*	1,016*
	<2	102	341,109	287	-	5*	13*	43	133	436	773*	959*	1,145*
	1-3	194	569,529	132	2*	8*	15*	33	90	173	280*	425*	659*
	4-6	146	527,977	164	1*	3*	4*	41	98	216	434*	553*	902*
	<6	376	1,098,662	200	2*	13*	22	43	110	259	511	764*	984*
	7-10	69	943,529	192*	3*	4*	6*	29*	109*	249*	413*	552*	1,091*
	11-14	49	859,934	344*	-	29*	69*	108*	215*	448*	925*	993*	1,021*
	15-19	39	835,960	274*	-	5*	13*	106*	221*	389*	591*	671*	758*
	20 +	675	11,132,716	708	9*	26	85	230	556	993	1,475	1,886	3,288*
	20-24	22	659,873	256*	-	10*	18*	102*	143*	269*	597*	640*	1,339*
	25-54	346	7,082,778	733	6*	26	72	233	584	1,001	1,495	1,960	3,502*
	55-64	127	1,493,157	877	-	167*	219	377	679	1,259	1,555	2,297*	3,452*
	65 +	180	1,896,908	643	2*	78*	121	241	560	910	1,224	1,560*	2,115*
	All ages	1,232	15,050,894	587	3*	20	45	137	408	809	1,286	1,727	2,929*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
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-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	29	88,805	499*	-	30*	40*	142*	399*	555*	931*	1,204*	2,256*
	0.5-0.9	44	126,365	429*	-	24*	45*	124*	353*	568*	963*	1,031*	1,118*
	<2	124	414,403	359	5*	15*	30*	107	296	480	763*	1,006*	1,214*
	1-3	233	702,142	333	6*	19*	38	115	247	469	710	848*	1,273*
	4-6	180	709,052	398	-	13*	58*	160	284	545	786*	1,080*	1,315*
	<6	453	1,358,514	383	9*	29	58	135	297	545	766	1,002	1,512*
	7-10	79	1,121,987	487	-	56*	87*	174*	400	753*	1,024*	1,243*	1,770*
	11-14	54	931,270	881*	-	90*	244*	345*	680*	1,120*	1,724*	2,067*	2,859*
	15-19	49	1,064,936	545*	-	44*	141*	269*	390*	714*	969*	1,374*	1,806*
	20 +	777	13,103,334	1,212	24*	118	221	530	1,001	1,660	2,286	3,017	4,883*
	20-24	33	981,604	688*	-	76*	105*	231*	433*	1,091*	1,484*	1,767*	1,969*
	25-54	407	8,371,263	1,182	17*	118	207	479	952	1,631	2,213	2,992	4,735*
	55-64	140	1,648,120	1,443	109*	250*	354	681	1,176	1,895	2,880	3,660*	5,693*
	65 +	197	2,102,347	1,396	31*	157*	313	710	1,331	1,785	2,397	3,000*	4,694*
	All ages	1,445	17,847,891	1,034	15*	89	148	348	798	1,420	2,108	2,820	4,734*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
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Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	26	63,302	156*	-	15*	20*	43*	78*	111*	134*	339*	1,204*
	0.5-0.9	44	124,929	138*	-	13*	18*	51*	84*	166*	291*	405*	527*
	<2	143	443,569	197	12*	19*	29*	58	111	228	417*	564*	984*
	1-3	354	984,335	287	14*	29*	56	103	224	401	589	765*	1,044*
	4-6	299	1,155,087	323	-	44*	58	133	234	412	665	757*	1,256*
	<6	670	1,906,359	293	14*	37	56	101	223	400	622	770	1,297*
	7-10	127	1,823,225	375	-	51*	67*	116	270	541	814*	867*	1,092*
	11-14	100	1,875,796	578	-	80*	122*	211	416	759	1,123*	1,234*	2,968*
	15-19	89	1,927,180	519	-	69*	128*	185	352	638	1,205*	1,545*	2,449*
	20 +	1,151	20,393,202	696	27*	88	124	241	496	936	1,414	1,851	2,954*
	20-24	53	1,480,096	525	-	72*	113*	214	310	741	1,122*	1,492*	1,860*
	25-54	577	12,281,111	672	-	74	116	234	470	931	1,410	1,832	2,927*
	55-64	237	3,004,802	724	-	112*	137	330	524	926	1,416	1,865*	3,348*
	65 +	284	3,627,193	820	29*	139	230	386	700	1,031	1,434	1,856	3,039*
	All ages	2,190	28,347,056	622	28	68	114	231	456	827	1,375	1,721	2,912
Indirect	<0.5	52	124,691	520*	5*	61*	120*	325*	403*	699*	936*	1,146*	1,171*
	0.5-0.9	60	175,774	381*	-	9*	14*	67*	383*	586*	885*	960*	1,006*
	<2	194	590,435	278	1*	6*	10*	37	133	429	766*	942*	1,162*
	1-3	383	1,061,132	140	2*	6*	13	38	90	175	308	438*	750*
	4-6	295	1,061,206	155	1*	4*	9	43	98	213	372	498*	886*
	<6	739	2,021,199	190	2*	7	15	43	105	231	459	704	1,026*
	7-10	131	1,765,709	187	3*	5*	13*	32	115	282	401*	572*	801*
	11-14	106	1,917,511	285	-	6*	29*	89	199	340	753*	954*	1,024*
	15-19	84	1,836,379	206	-	8*	21*	68	146	287	403*	585*	729*
	20 +	1,227	21,839,877	648	7*	31	88	218	483	873	1,319	1,774	2,924*
	20-24	46	1,259,298	302*	-	13*	22*	94*	151*	406*	732*	1,034*	1,303*
	25-54	637	13,547,384	675	5*	27	76	197	477	886	1,423	1,950	3,006*
	55-64	249	3,227,334	712	15*	101	196	326	556	945	1,408	1,590	2,906*
	65 +	295	3,805,861	614	5*	60	122	271	574	883	1,097	1,332	1,981*
	All ages	2,338	29,782,279	532	4	20	43	126	355	742	1,177	1,533	2,785

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
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-: Means zero.
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Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	60	147,665	506*	-	33*	59*	193*	401*	677*	929*	1,178*	2,030*
	0.5-0.9	73	207,251	407*	-	16*	31*	121*	300*	563*	961*	1,032*	1,144*
	<2	231	709,108	355	7*	13*	31	107	249	496	792	1,033*	1,393*
	1-3	455	1,278,413	337	6*	22	43	116	238	471	710	917	1,295*
	4-6	372	1,417,172	379	1*	24*	55	147	285	501	769	1,065*	1,524*
	<6	893	2,502,959	377	7*	29	56	128	295	507	776	1,017	1,524*
	7-10	152	2,123,830	477	23*	62*	99*	180	387	716	973*	1,090*	1,652*
	11-14	121	2,238,924	729	2*	80*	171*	303	550	994	1,545*	1,885*	3,116*
	15-19	109	2,348,162	587	9*	89*	144*	236	395	799	1,219*	1,721*	2,400*
	20 +	1,393	25,014,035	1,133	24	118	236	503	969	1,532	2,148	2,728	4,619
	20-24	67	1,809,825	640	30*	50*	94*	230	472	912	1,305*	1,648*	1,937*
	25-54	731	15,480,754	1,124	22*	118	213	474	917	1,537	2,175	2,834	4,728*
	55-64	272	3,504,576	1,276	82*	264	354	706	1,110	1,582	2,365	2,916	5,152*
	65 +	323	4,218,880	1,259	59*	214	360	680	1,188	1,660	2,136	2,470	3,707*
	All ages	2,735	34,775,452	963	13	89	148	347	741	1,344	1,970	2,468	3,814

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
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All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table C3. Other Sources: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	5	130,533	827*	-	-	-	120*	243*	872*	1,412*	2,000*	3,239*
Indirect	6	151,464	473*	-	-	-	91*	238*	541*	895*	1,012*	1,107*
Direct and Indirect	7	168,433	1,066*	-	-	-	211*	660*	1,318*	1,676*	1,807*	3,374*
b. Lactating												
Direct	6	159,015	783*	-	-	-	-	563*	968*	1,448*	1,567*	1,662*
Indirect	7	182,414	565*	-	-	96*	168*	268*	955*	1,030*	1,072*	1,106*
Direct and Indirect	7	182,414	1,248*	-	-	-	348*	915*	1,667*	2,148*	2,410*	2,620*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	217	5,246,702	556	30*	59*	115	231	385	704	1,154	1,585*	2,238*
Indirect	227	5,554,171	501	4*	23*	36	110	279	610	1,138	1,565*	2,826*
Direct and Indirect	269	6,395,295	891	11*	88*	144	317	633	1,169	1,860	2,286*	3,006*
d. Women Age 15-44												
Direct	228	5,536,250	569	31*	59*	115	231	392	707	1,216	1,639*	2,340*
Indirect	240	5,888,049	502	4*	24*	36	112	273	622	1,134	1,508*	2,820*
Direct and Indirect	283	6,746,142	905	13*	88*	145	320	667	1,209	1,863	2,319*	3,069*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:20 M:\PW\OSTWATER\REQ006\R006_E3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D1. Missing Source: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	8	25,769	58*	-	-	15*	18*	23*	112*	116*	117*	118*
	1-10	126	638,528	203	-	24*	38*	59	116	263	442*	564*	812*
	11-19	32	734,987	396*	-	25*	41*	95*	166*	330*	1,339*	1,419*	1,938*
	20 +	139	2,877,197	432	15*	51*	80	125	230	477	937	1,321*	2,114*
	All ages	305	4,276,481	390	12*	43*	56	114	205	451	886	1,362*	2,048*
Indirect	< 1	2	2,503	480*	-	-	-	-	376*	467*	522*	540*	555*
	1-10	20	101,696	96*	2*	4*	8*	17*	44*	121*	184*	297*	424*
	11-19	6	151,187	82*	-	-	-	11*	17*	63*	117*	135*	630*
	20 +	45	836,217	412*	-	28*	60*	118*	288*	554*	836*	1,412*	1,474*
	All ages	73	1,091,603	337*	-	16*	19*	64*	173*	482*	825*	1,156*	1,447*
Direct and Indirect	< 1	10	28,272	95*	-	-	15*	18*	26*	114*	118*	352*	517*
	1-10	137	698,348	199	-	17*	27*	54	118	255	460*	577*	948*
	11-19	33	740,307	410*	-	27*	46*	107*	192*	349*	1,324*	1,418*	1,937*
	20 +	166	3,334,525	476	22*	51*	78	123	237	624	1,058	1,570*	2,261*
	All ages	346	4,801,452	424	13*	41*	56	118	233	487	1,028	1,446*	2,188*
b. Male													
Direct	< 1	12	27,868	40*	-	-	8*	15*	21*	37*	54*	106*	163*
	1-10	131	654,633	156	16*	24*	27*	55	113	174	305*	606*	691*
	11-19	27	692,020	320*	-	49*	59*	155*	258*	352*	620*	677*	955*
	20 +	144	2,834,667	423	-	33*	54	116	229	526	946	1,403*	2,038*
	All ages	314	4,209,188	362	23*	29*	56	113	209	467	844	1,224*	1,872*
Indirect	< 1	4	13,999	418*	-	-	-	-	100*	878*	1,047*	1,093*	1,130*
	1-10	27	131,777	190*	-	-	-	22*	116*	270*	384*	507*	916*
	11-19	8	183,430	294*	-	-	-	89*	233*	485*	503*	546*	591*
	20 +	50	896,412	578	7*	48*	105*	195	352	728	1,362*	1,529*	2,127*
	All ages	89	1,225,618	492	3*	19*	53*	135	319	645	1,182*	1,429*	2,003*
Direct and Indirect	< 1	16	41,867	166*	-	-	8*	14*	26*	152*	367*	1,000*	1,112*
	1-10	147	730,891	174	-	25*	28*	55	116	234	329*	640*	1,032*
	11-19	31	775,340	355*	-	40*	55*	118*	256*	405*	729*	1,027*	1,150*
	20 +	169	3,235,903	531	8*	37*	58	118	276	686	1,362	1,849*	2,719*
	All ages	363	4,784,001	445	9*	29*	55	118	237	502	1,228	1,526*	2,261*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D1. Missing Source: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	20	53,637	49*	-	8*	11*	17*	22*	44*	115*	118*	164*
	1-10	257	1,293,161	179	-	24*	28	57	114	230	409	590*	800*
	11-19	59	1,427,007	359*	17*	56*	58*	109*	230*	351*	671*	1,376*	1,813*
	20 +	283	5,711,864	428	13*	45	74	117	230	502	945	1,392	2,173*
	All ages	619	8,485,669	376	20*	38	57	113	206	468	885	1,293	2,026*
Indirect	< 1	6	16,502	428*	-	-	-	11*	138*	671*	1,030*	1,085*	1,129*
	1-10	47	233,473	149*	2*	4*	11*	21*	95*	180*	365*	458*	773*
	11-19	14	334,617	198*	-	2*	8*	16*	118*	282*	497*	532*	684*
	20 +	95	1,732,629	498	12*	44*	63*	119	325	671	1,200*	1,433*	1,812*
	All ages	162	2,317,221	419	2*	16*	30*	118	284	562	960*	1,402*	1,714*
Direct and Indirect	< 1	26	70,139	138*	-	7*	9*	17*	26*	116*	179*	892*	1,093*
	1-10	284	1,429,239	187	-	18*	28	57	118	235	444	623*	950*
	11-19	64	1,515,647	382*	-	51*	58*	118*	248*	365*	995*	1,336*	1,797*
	20 +	335	6,570,428	503	13*	46	78	118	266	668	1,249	1,663	2,364*
	All ages	709	9,585,453	434	12*	30	57	118	236	501	1,148	1,459	2,253*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	2	3,706	18*	-	-	-	-	-	18*	21*	21*	22*
	0.5-0.9	6	22,063	65*	-	-	-	-	27*	113*	116*	117*	118*
	<2	21	70,492	84*	-	16*	18*	25*	57*	116*	141*	159*	174*
	1-3	57	166,648	115*	-	16*	22*	41*	59*	116*	175*	399*	600*
	4-6	46	165,011	227*	-	24*	29*	55*	159*	259*	509*	663*	865*
	<6	103	329,071	167	-	20*	25*	46	87	179	423*	572*	805*
	7-10	23	306,869	238*	-	30*	59*	71*	136*	333*	443*	546*	744*
	11-14	16	318,618	264*	-	-	-	100*	144*	298*	550*	585*	813*
	15-19	16	416,369	498*	-	18*	27*	55*	167*	392*	1,413*	1,695*	1,995*
	20 +	139	2,877,197	432	15*	51*	80	125	230	477	937	1,321*	2,114*
	20-24	11	305,485	477*	-	-	96*	128*	218*	382*	1,063*	1,360*	1,597*
	25-54	85	1,916,388	442	-	48*	81*	128	235	476	950*	1,276*	2,339*
	55-64	18	312,729	454*	-	-	-	162*	222*	645*	943*	1,148*	1,365*
	65 +	25	342,595	316*	-	30*	37*	59*	145*	355*	696*	864*	1,442*
	All ages	305	4,276,481	390	12*	43*	56	114	205	451	886	1,362*	2,048*
Indirect	<0.5	1	777	307*	-	-	-	-	-	-	-	-	-
	0.5-0.9	1	1,726	559*	-	-	-	-	-	-	-	-	-
	<2	5	13,388	141*	-	-	-	-	53*	89*	363*	461*	539*
	1-3	13	41,207	99*	-	7*	15*	29*	50*	93*	207*	280*	423*
	4-6	4	19,046	171*	-	-	-	-	131*	171*	288*	329*	362*
	<6	19	62,756	136*	-	11*	23*	39*	65*	165*	343*	410*	522*
	7-10	3	41,443	58*	-	-	-	-	-	54*	95*	109*	120*
	11-14	4	95,141	70*	-	-	-	-	16*	26*	40*	127*	685*
	15-19	2	56,046	102*	-	-	-	-	44*	92*	121*	131*	139*
	20 +	45	836,217	412*	-	28*	60*	118*	288*	554*	836*	1,412*	1,474*
	20-24	3	61,209	154*	-	-	-	-	118*	140*	198*	217*	233*
	25-54	21	437,842	358*	-	-	29*	65*	249*	477*	716*	835*	1,400*
	55-64	6	84,708	678*	-	-	-	172*	645*	778*	1,155*	1,289*	1,388*
	65 +	15	252,458	480*	-	72*	103*	119*	297*	554*	1,140*	1,405*	1,443*
	All ages	73	1,091,603	337*	-	16*	19*	64*	173*	482*	825*	1,156*	1,447*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	3	4,483	68*	-	-	-	-	16*	21*	143*	225*	290*
	0.5-0.9	7	23,789	100*	-	-	-	-	28*	114*	118*	255*	498*
	<2	25	78,210	100*	-	16*	19*	26*	71*	116*	180*	211*	445*
	1-3	66	196,322	118*	-	22*	27*	40*	61*	118*	213*	389*	812*
	4-6	47	169,568	240*	-	24*	29*	56*	164*	263*	498*	737*	924*
	<6	115	365,805	174	-	21*	26*	45	87	195	444*	588*	932*
	7-10	24	332,458	227*	-	16*	18*	66*	117*	318*	540*	575*	812*
	11-14	17	323,938	280*	-	-	96*	110*	146*	314*	582*	701*	871*
	15-19	16	416,369	512*	-	19*	30*	60*	203*	392*	1,413*	1,695*	1,995*
	20 +	166	3,334,525	476	22*	51*	78	123	237	624	1,058	1,570*	2,261*
	20-24	13	345,494	449*	-	-	108*	121*	216*	370*	1,088*	1,372*	1,599*
	25-54	95	2,111,177	476	-	43*	78*	127	298	620	1,032*	1,353*	2,337*
	55-64	22	360,579	553*	-	-	118*	143*	225*	707*	1,421*	1,690*	2,115*
	65 +	36	517,275	444*	-	34*	45*	98*	177*	530*	1,021*	1,597*	2,033*
	All ages	346	4,801,452	424	13*	41*	56	118	233	487	1,028	1,446*	2,188*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
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-: Means zero.
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Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	5	12,318	29*	-	-	-	16*	23*	34*	40*	42*	44*
	0.5-0.9	7	15,550	49*	-	-	9*	14*	19*	43*	98*	137*	169*
	<2	29	113,267	109*	-	13*	18*	27*	57*	126*	212*	271*	479*
	1-3	62	205,736	133*	-	20*	24*	43*	82*	147*	276*	365*	632*
	4-6	54	236,423	150*	-	-	-	50*	113*	182*	260*	382*	700*
	<6	117	397,182	126	9*	20*	24*	38	81	148	266*	314*	637*
	7-10	15	212,474	185*	-	-	31*	73*	114*	157*	395*	640*	660*
	11-14	13	303,574	248*	-	-	48*	116*	222*	322*	386*	443*	500*
	15-19	14	388,446	376*	-	63*	78*	192*	264*	459*	673*	809*	990*
	20 +	144	2,834,667	423	-	33*	54	116	229	526	946	1,403*	2,038*
	20-24	16	400,942	465*	-	113*	117*	179*	418*	615*	805*	876*	932*
	25-54	81	1,808,510	431	-	-	42*	108	219	486	1,172*	1,535*	2,099*
	55-64	21	272,640	265*	-	-	41*	87*	144*	359*	642*	759*	865*
	65 +	26	352,575	458*	-	-	60*	102*	159*	505*	1,248*	1,543*	2,020*
	All ages	314	4,209,188	362	23*	29*	56	113	209	467	844	1,224*	1,872*
Indirect	<0.5	1	982	910*	-	-	-	-	-	-	-	-	-
	0.5-0.9	3	13,017	381*	-	-	-	-	85*	235*	778*	959*	1,104*
	<2	10	42,234	351*	-	-	8*	15*	95*	493*	1,066*	1,116*	1,135*
	1-3	18	64,729	251*	-	12*	15*	25*	114*	360*	507*	646*	1,011*
	4-6	6	17,342	148*	-	-	-	31*	107*	171*	260*	307*	345*
	<6	27	93,328	259*	-	9*	14*	26*	115*	356*	515*	1,046*	1,129*
	7-10	3	49,706	126*	-	-	-	-	48*	149*	229*	256*	277*
	11-14	2	32,246	389*	-	-	-	-	-	378*	441*	462*	479*
	15-19	6	151,184	274*	-	-	-	64*	170*	350*	509*	556*	593*
	20 +	50	896,412	578	7*	48*	105*	195	352	728	1,362*	1,529*	2,127*
	20-24	2	85,388	553*	-	-	-	-	-	545*	764*	836*	895*
	25-54	31	619,967	511*	3*	38*	81*	180*	326*	649*	1,302*	1,388*	1,968*
	55-64	5	54,387	596*	-	-	-	-	359*	857*	1,065*	1,114*	1,153*
	65 +	12	136,670	890*	-	-	-	149*	504*	1,133*	1,612*	1,718*	4,061*
	All ages	89	1,225,618	492	3*	19*	53*	135	319	645	1,182*	1,429*	2,003*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	6	13,300	94*	-	-	8*	16*	25*	37*	43*	324*	792*
	0.5-0.9	10	28,567	200*	-	7*	8*	12*	25*	178*	346*	743*	1,060*
	<2	36	136,685	198*	-	9*	15*	27*	77*	175*	441*	1,058*	1,233*
	1-3	72	235,340	185*	11*	18*	27*	43*	83*	230*	496*	643*	1,152*
	4-6	58	248,837	153*	-	27*	29*	50*	114*	182*	284*	369*	706*
	<6	135	453,199	163	8*	18*	27*	38	84	177	323*	519*	1,130*
	7-10	17	246,714	185*	-	-	12*	58*	115*	237*	323*	636*	660*
	11-14	14	324,873	271*	-	-	48*	123*	250*	349*	380*	435*	839*
	15-19	17	450,467	416*	-	12*	71*	108*	258*	586*	921*	1,082*	1,165*
	20 +	169	3,235,903	531	8*	37*	58	118	276	686	1,362	1,849*	2,719*
	20-24	16	400,942	583*	-	113*	117*	179*	418*	751*	1,214*	1,315*	1,392*
	25-54	97	2,098,230	523	6*	23*	55*	122	282	585	1,365*	1,833*	2,322*
	55-64	24	317,585	329*	-	-	44*	65*	147*	423*	732*	873*	1,760*
	65 +	32	419,146	675*	-	-	69*	118*	230*	733*	1,862*	2,085*	4,010*
	All ages	363	4,784,001	445	9*	29*	55	118	237	502	1,228	1,526*	2,261*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
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-: Means zero.
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Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	7	16,024	27*	-	-	8*	14*	20*	31*	39*	42*	44*
	0.5-0.9	13	37,613	58*	-	9*	14*	17*	23*	111*	117*	129*	168*
	<2	50	183,759	99*	-	15*	19*	26*	58*	117*	172*	234*	419*
	1-3	119	372,384	125	-	22*	25*	42	77	145	268*	396*	636*
	4-6	100	401,434	182	16*	25*	29*	52	117	204	405*	626*	823*
	<6	220	726,253	145	10*	20*	24	42	84	170	289	468*	733*
	7-10	38	519,343	216*	-	27*	46*	71*	116*	325*	460*	617*	730*
	11-14	29	622,192	256*	-	48*	60*	103*	183*	318*	480*	552*	743*
	15-19	30	804,815	439*	-	25*	41*	122*	239*	455*	1,215*	1,414*	1,925*
	20 +	283	5,711,864	428	13*	45	74	117	230	502	945	1,392	2,173*
	20-24	27	706,427	470*	-	111*	115*	145*	317*	608*	919*	1,023*	1,530*
	25-54	166	3,724,898	437	10*	36*	67	118	233	498	979	1,399*	2,444*
	55-64	39	585,369	366*	-	42*	61*	117*	204*	456*	848*	964*	1,318*
	65 +	51	695,170	388	-	35*	45*	96	148	490	942*	1,294*	1,914*
	All ages	619	8,485,669	376	20*	38	57	113	206	468	885	1,293	2,026*
Indirect	<0.5	2	1,759	643*	-	-	-	-	370*	640*	802*	856*	899*
	0.5-0.9	4	14,743	402*	-	-	-	-	111*	508*	892*	1,016*	1,115*
	<2	15	55,622	300*	-	-	10*	18*	74*	472*	1,004*	1,109*	1,134*
	1-3	31	105,936	192*	3*	13*	18*	28*	78*	316*	459*	513*	953*
	4-6	10	36,388	160*	-	-	-	43*	146*	176*	358*	364*	369*
	<6	46	156,084	210*	3*	12*	19*	39*	101*	324*	482*	837*	1,123*
	7-10	6	91,149	95*	-	-	-	7*	25*	120*	187*	235*	273*
	11-14	6	127,387	150*	-	-	-	15*	18*	124*	386*	469*	742*
	15-19	8	207,230	228*	-	-	3*	58*	133*	264*	470*	538*	589*
	20 +	95	1,732,629	498	12*	44*	63*	119	325	671	1,200*	1,433*	1,812*
	20-24	5	146,597	387*	-	-	-	118*	250*	289*	659*	784*	884*
	25-54	52	1,057,809	448	7*	30*	52*	129	326	597	932*	1,362*	1,779*
	55-64	11	139,095	646*	-	-	-	105*	710*	798*	1,168*	1,210*	1,372*
	65 +	27	389,128	624*	-	96*	118*	119*	321*	814*	1,449*	1,523*	2,815*
	All ages	162	2,317,221	419	2*	16*	30*	118	284	562	960*	1,402*	1,714*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	9	17,783	88*	-	-	9*	15*	21*	35*	44*	364*	800*
	0.5-0.9	17	52,356	155*	-	8*	8*	17*	29*	118*	179*	700*	1,052*
	<2	61	214,895	162*	-	12*	19*	27*	74*	148*	314*	914*	1,207*
	1-3	138	431,662	155	12*	23*	27*	41	79	160	321*	520*	1,055*
	4-6	105	418,405	188	17*	27*	29*	52	117	206	444*	652*	891*
	<6	250	819,004	168	10*	20*	27	42	86	183	380	572*	1,054*
	7-10	41	579,172	209*	-	15*	20*	65*	116*	285*	538*	605*	759*
	11-14	31	648,811	275*	-	48*	73*	112*	217*	349*	495*	623*	930*
	15-19	33	866,836	462*	-	19*	38*	92*	250*	538*	1,219*	1,411*	1,914*
	20 +	335	6,570,428	503	13*	46	78	118	266	668	1,249	1,663	2,364*
	20-24	29	746,436	521*	-	113*	118*	138*	290*	683*	1,242*	1,426*	1,610*
	25-54	192	4,209,407	499	10*	38*	72	126	285	616	1,242	1,669*	2,378*
	55-64	46	678,164	448*	-	45*	58*	118*	209*	698*	933*	1,519*	2,169*
	65 +	68	936,421	547	-	38*	52*	118	206	631	1,446*	1,904*	3,283*
	All ages	709	9,585,453	434	12*	30	57	118	236	501	1,148	1,459	2,253*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table D3. Missing Source: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	2	62,335	1,182*	-	-	-	-	632*	1,144*	1,451*	1,554*	1,636*
Direct and Indirect	2	62,335	1,182*	-	-	-	-	632*	1,144*	1,451*	1,554*	1,636*
b. Lactating												
Direct	4	81,473	739*	-	-	-	278*	593*	777*	1,092*	1,196*	1,280*
Indirect	2	58,554	64*	-	-	-	-	55*	63*	68*	70*	71*
Direct and Indirect	5	117,029	547*	-	-	-	-	327*	668*	1,026*	1,190*	1,321*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	74	1,869,582	459*	21*	52*	78*	120*	177*	440*	994*	1,415*	2,366*
Indirect	16	348,084	273*	-	3*	18*	81*	139*	346*	599*	682*	1,300*
Direct and Indirect	80	1,972,364	483	22*	54*	79*	121	228	598	1,185*	1,483*	2,356*
d. Women Age 15-44												
Direct	79	1,995,236	495	23*	53*	79*	126*	227	623*	1,310*	1,598*	2,347*
Indirect	18	406,638	243*	-	6*	24*	65*	134*	288*	552*	670*	1,244*
Direct and Indirect	86	2,133,574	509	24*	56*	77*	122	235	704	1,354*	1,645*	2,334*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:20 M:\PW\OSTWATER\REQ006\R006_E3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E1. All Sources: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	370	920,490	148	-	-	16	39	81	172	353	465*	737*
	1-10	3,566	17,622,900	402	20	52	84	167	294	499	820	1,054	1,715
	11-19	753	15,076,991	659	29*	82	114	229	466	825	1,414	1,770	3,160*
	20 +	4,190	87,674,589	867	54	115	203	352	700	1,144	1,704	2,009	3,726
	All ages	8,879	121,294,970	768	38	106	142	290	583	971	1,556	1,888	3,521
Indirect	< 1	607	1,510,993	522	5*	23	56	254	519	738	958	1,068	1,397*
	1-10	3,723	17,794,858	177	2	8	19	53	122	241	395	500	761
	11-19	724	14,316,517	253	2*	13	24	71	162	339	578	780	1,227*
	20 +	4,437	93,102,380	610	5	50	111	262	504	816	1,226	1,535	2,469
	All ages	9,491	126,724,748	508	4	24	54	156	376	710	1,087	1,404	2,313
Direct and Indirect	< 1	648	1,625,567	569	11*	44	73	253	560	802	1,018	1,208	1,688*
	1-10	3,975	19,370,519	528	20	89	143	256	443	703	995	1,246	2,020
	11-19	817	16,312,763	831	23*	117	219	369	665	1,111	1,649	1,960	3,142*
	20 +	4,556	95,645,114	1,389	111	331	487	799	1,221	1,776	2,416	2,928	4,512
	All ages	9,996	132,953,963	1,185	48	189	296	575	1,022	1,581	2,221	2,706	4,253
b. Male													
Direct	< 1	364	937,401	141	-	-	20	46	86	164	294	388*	790*
	1-10	3,647	18,442,438	413	23	53	87	171	323	578	823	1,027	1,579
	11-19	755	15,622,355	780	49*	106	137	293	545	940	1,560	1,988	3,818*
	20 +	4,288	80,038,409	940	52	113	200	370	706	1,179	1,874	2,372	4,277
	All ages	9,054	115,040,603	827	39	106	137	295	587	1,055	1,680	2,163	3,900
Indirect	< 1	572	1,472,067	549	10*	30	62	299	537	793	979	1,171	1,452*
	1-10	3,794	18,499,690	188	2	8	18	57	128	253	426	559	907
	11-19	732	15,272,638	308	3*	10	30	101	217	395	706	897	1,505*
	20 +	4,567	84,354,879	725	7	51	114	281	562	950	1,434	1,870	3,612
	All ages	9,665	119,599,274	586	4	24	57	170	414	792	1,239	1,657	3,168
Direct and Indirect	< 1	618	1,588,079	592	15*	44	89	306	567	832	1,055	1,303	1,630*
	1-10	4,102	20,411,204	543	14	86	134	265	458	732	1,047	1,300	1,860
	11-19	809	16,875,092	1,001	28*	160	238	453	761	1,306	1,898	2,429	4,011*
	20 +	4,736	88,054,201	1,549	71	306	518	839	1,331	1,973	2,740	3,524	5,526
	All ages	10,265	126,928,576	1,302	41	177	297	592	1,073	1,716	2,483	3,148	5,212

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E1. All Sources: Gender by Broad Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	734	1,857,891	145	-	-	18	44	83	169	343	449	806*
	1-10	7,213	36,065,338	407	21	52	86	169	314	527	822	1,042	1,606
	11-19	1,508	30,699,346	721	41*	104	117	252	520	917	1,472	1,877	3,745*
	20 +	8,478	167,712,998	902	53	114	202	354	703	1,172	1,824	2,229	3,997
	All ages	17,933	236,335,573	797	39	106	139	293	585	1,031	1,646	2,006	3,781
Indirect	< 1	1,179	2,983,060	535	8*	29	59	271	533	761	963	1,123	1,450*
	1-10	7,517	36,294,548	182	2	8	19	55	125	248	409	526	844
	11-19	1,456	29,589,155	281	3*	11	27	86	199	370	654	867	1,373*
	20 +	9,004	177,457,259	665	7	51	112	272	529	874	1,314	1,676	2,958
	All ages	19,156	246,324,022	546	4	24	55	163	394	747	1,163	1,516	2,711
Direct and Indirect	< 1	1,266	3,213,646	580	13*	44	80	275	564	812	1,038	1,280	1,688*
	1-10	8,077	39,781,723	536	15	88	137	261	451	719	1,024	1,258	1,899
	11-19	1,626	33,187,855	917	24*	142	236	401	720	1,195	1,782	2,204	3,808*
	20 +	9,292	183,699,315	1,465	94	323	502	825	1,272	1,867	2,551	3,195	5,159
	All ages	20,261	259,882,539	1,242	44	183	296	585	1,047	1,642	2,345	2,923	4,808

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 15:53 M:\PW\OSTWATER\REQ006\R006_E1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
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Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	144	345,736	113	-	-	-	27	57	117	255*	383*	666*
	0.5-0.9	226	574,754	169	-	-	22	46	105	215	393	480*	814*
	<2	796	2,546,785	217	-	17	30	61	144	289	460	598	929*
	1-3	1,653	5,138,199	308	15*	43	55	115	228	379	589	817	1,375*
	4-6	1,419	5,534,375	416	23*	55	99	175	327	525	816	1,095	1,628*
	<6	3,200	9,715,014	326	-	34	53	114	233	426	695	874	1,410
	7-10	494	6,950,326	459	25*	76	107	202	336	583	938	1,150	1,872*
	11-14	380	7,292,033	561	19*	69*	110	225	445	701	1,111	1,480*	2,230*
	15-19	373	7,784,958	751	40*	93*	125	232	568	945	1,522	1,904*	3,478*
	20 +	4,190	87,674,589	867	54	115	203	352	700	1,144	1,704	2,009	3,726
	20-24	297	8,279,426	938	54*	98	116	344	655	1,057	1,641	2,686	5,639*
	25-54	2,181	51,543,718	865	51	109	175	348	698	1,154	1,845	2,121	3,645
	55-64	717	10,785,291	879	78*	168	222	438	698	1,170	1,649	1,879	2,803*
	65 +	995	17,066,154	828	58*	168	232	433	705	1,062	1,477	1,839	2,717*
	All ages	8,879	121,294,970	768	38	106	142	290	583	971	1,556	1,888	3,521
Indirect	<0.5	275	654,397	572	7*	29*	114	364	559	798	960	1,065*	1,303*
	0.5-0.9	332	856,596	484	5*	17*	49	129	480	685	934	1,060*	1,430*
	<2	1,083	3,349,573	332	3*	14	29	72	220	519	802	959	1,370*
	1-3	1,782	5,544,734	170	2*	9	23	51	119	231	370	490	847*
	4-6	1,464	5,682,210	174	2*	8	19	56	123	237	372	470	710*
	<6	3,603	10,810,079	220	2	10	23	58	137	287	529	719	1,069
	7-10	477	6,567,914	185	2*	8	18	52	122	271	433	514	727*
	11-14	362	6,783,345	241	2*	9*	22	77	167	338	559	757*	1,002*
	15-19	362	7,533,172	263	2*	15*	24	67	156	343	637	913*	1,441*
	20 +	4,437	93,102,380	610	5	50	111	262	504	816	1,226	1,535	2,469
	20-24	326	8,882,196	403	3*	14	47	137	286	523	882	1,137	1,800*
	25-54	2,327	55,128,752	623	5	41	97	246	497	829	1,296	1,579	2,587
	55-64	755	11,454,729	689	43*	113	187	355	590	886	1,262	1,582	2,450*
	65 +	1,029	17,636,703	626	13*	115	178	342	568	824	1,076	1,313	2,003*
	All ages	9,491	126,724,748	508	4	24	54	156	376	710	1,087	1,404	2,313

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	303	729,376	567	10*	29*	58	269	560	813	1,004	1,161*	1,439*
	0.5-0.9	345	896,191	571	13*	53*	93	248	561	782	1,029	1,356*	1,707*
	<2	1,160	3,614,742	461	9*	49	85	186	383	677	923	1,122	1,550*
	1-3	1,884	5,893,820	428	12*	66	109	207	345	562	829	1,032	1,623*
	4-6	1,567	6,148,919	535	21*	89	142	279	450	703	999	1,282	2,069*
	<6	3,828	11,553,736	480	14	60	111	228	406	650	928	1,124	1,738
	7-10	524	7,327,780	602	26*	119	180	304	512	803	1,084	1,345	2,162*
	11-14	408	7,790,807	735	18*	117	214	370	591	961	1,416	1,802	2,520*
	15-19	409	8,521,956	918	23*	113	221	368	744	1,250	1,804	2,171	3,714*
	20 +	4,556	95,645,114	1,389	111	331	487	799	1,221	1,776	2,416	2,928	4,512
	20-24	345	9,425,724	1,204	29*	190	289	557	976	1,405	2,021	3,146	5,840*
	25-54	2,396	56,682,263	1,393	79	315	466	755	1,225	1,783	2,482	3,025	4,665
	55-64	766	11,575,703	1,500	135*	480	681	962	1,366	1,920	2,475	2,851	3,826*
	65 +	1,049	17,961,424	1,402	316*	548	651	900	1,310	1,774	2,224	2,551	3,699*
	All ages	9,996	132,953,963	1,185	48	189	296	575	1,022	1,581	2,221	2,706	4,253

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	145	366,387	117	-	-	18*	36	75	117	210*	355*	530*
	0.5-0.9	219	571,014	157	-	-	23	51	102	209	336	421*	793*
	<2	784	2,679,391	211	-	21	36	64	133	266	451	586	944*
	1-3	1,666	5,428,920	315	18*	45	56	115	233	412	614	815	1,397*
	4-6	1,451	5,556,271	432	24*	57	107	201	347	570	822	1,063	1,546*
	<6	3,214	10,115,648	339	15	42	54	115	236	462	701	884	1,418
	7-10	530	7,457,247	470	38*	69	108	224	351	634	928	1,064	1,612*
	11-14	381	7,250,014	681	45*	90*	110	283	471	820	1,509	1,782*	3,073*
	15-19	374	8,372,341	865	64*	110*	169	343	652	1,016	1,585	2,175*	5,093*
	20 +	4,288	80,038,409	940	52	113	200	370	706	1,179	1,874	2,372	4,277
	20-24	303	8,415,406	1,045	-	94	113	331	655	1,302	2,208	3,400	5,167*
	25-54	2,252	51,083,571	944	52	113	199	353	702	1,174	1,878	2,513	4,143
	55-64	693	8,504,336	873	76*	113	201	392	704	1,146	1,656	1,995	3,120*
	65 +	1,040	12,035,096	895	80*	158	232	460	742	1,169	1,707	1,891	2,635*
	All ages	9,054	115,040,603	827	39	106	137	295	587	1,055	1,680	2,163	3,900
Indirect	<0.5	271	678,783	621	12*	59*	125	400	610	837	1,017	1,264*	1,520*
	0.5-0.9	301	793,284	487	9*	23*	41	185	476	714	971	1,085*	1,384*
	<2	1,039	3,382,335	335	2*	13	24	75	214	535	824	964	1,373*
	1-3	1,804	5,891,971	171	2*	10	20	52	118	226	384	531	790*
	4-6	1,485	5,630,931	184	2*	7	16	56	122	250	426	545	955*
	<6	3,594	11,207,376	224	2	10	22	59	137	298	550	745	1,105
	7-10	505	6,976,788	205	2*	7	17	65	144	273	442	589	994*
	11-14	375	7,183,574	272	2*	7*	19	88	195	349	634	932*	1,221*
	15-19	357	8,089,064	341	4*	13*	38	116	236	419	731	896*	1,704*
	20 +	4,567	84,354,879	725	7	51	114	281	562	950	1,434	1,870	3,612
	20-24	297	8,197,404	445	2*	11	39	133	325	601	1,000	1,264	2,031*
	25-54	2,409	53,907,846	757	7	43	102	277	563	994	1,510	2,109	3,903
	55-64	766	9,432,481	807	16*	129	229	414	673	1,016	1,508	1,888	3,308*
	65 +	1,095	12,817,148	709	44*	139	234	372	611	936	1,293	1,577	2,194*
	All ages	9,665	119,599,274	586	4	24	57	170	414	792	1,239	1,657	3,168

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	296	741,904	625	15*	46*	85	393	603	853	1,036	1,348*	1,815*
	0.5-0.9	322	846,175	563	15*	44*	89	254	548	788	1,078	1,279*	1,559*
	<2	1,123	3,693,768	459	9*	44	77	182	388	651	945	1,102	1,470*
	1-3	1,927	6,338,855	428	11*	50	92	194	368	588	817	1,028	1,494*
	4-6	1,606	6,100,046	563	21*	89	148	282	481	746	1,077	1,308	1,785*
	<6	3,856	12,052,879	493	15	59	111	230	422	662	961	1,167	1,685
	7-10	569	7,972,303	619	14*	120	174	319	526	822	1,134	1,466	2,146*
	11-14	404	7,702,229	895	38*	140	211	401	710	1,195	1,738	2,123	3,433*
	15-19	405	9,172,863	1,090	10*	174	259	472	834	1,393	1,987	2,688	4,789*
	20 +	4,736	88,054,201	1,549	71	306	518	839	1,331	1,973	2,740	3,524	5,526
	20-24	333	9,119,063	1,364	19*	116	229	592	1,113	1,746	2,825	3,679	5,464*
	25-54	2,510	56,328,941	1,580	64	335	531	839	1,334	1,997	2,814	3,772	5,881
	55-64	775	9,569,684	1,571	120*	456	607	911	1,385	2,013	2,677	3,174	5,130*
	65 +	1,118	13,036,513	1,523	224*	522	660	982	1,425	1,923	2,510	2,839	3,798*
	All ages	10,265	126,928,576	1,302	41	177	297	592	1,073	1,716	2,483	3,148	5,212

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	289	712,123	115	-	-	-	33	63	117	229	365*	661*
	0.5-0.9	445	1,145,768	163	-	-	22	49	104	212	353	463	805*
	<2	1,580	5,226,176	214	-	19	33	62	139	284	455	589	939*
	1-3	3,319	10,567,119	312	17	45	55	115	230	404	591	816	1,407
	4-6	2,870	11,090,646	424	23	56	105	193	344	558	822	1,067	1,609
	<6	6,414	19,830,662	332	-	38	54	114	235	459	698	878	1,417
	7-10	1,024	14,407,573	465	31*	75	108	213	348	591	930	1,138	1,716*
	11-14	761	14,542,047	621	35*	80	112	234	465	752	1,314	1,707	2,905*
	15-19	747	16,157,299	810	46*	108	147	283	580	1,006	1,555	2,037	3,836*
	20 +	8,478	167,712,998	902	53	114	202	354	703	1,172	1,824	2,229	3,997
	20-24	600	16,694,832	992	28*	96	114	343	661	1,187	1,907	3,291	5,589*
	25-54	4,433	102,627,289	905	51	114	178	350	701	1,162	1,870	2,340	3,894
	55-64	1,410	19,289,627	876	77	118	215	409	704	1,164	1,651	1,890	2,831
	65 +	2,035	29,101,250	856	78	168	233	444	709	1,146	1,609	1,865	2,735
	All ages	17,933	236,335,573	797	39	106	139	293	585	1,031	1,646	2,006	3,781
Indirect	<0.5	546	1,333,180	597	10*	49	133	376	596	805	975	1,140	1,468*
	0.5-0.9	633	1,649,880	486	7*	21	45	150	479	694	961	1,065	1,395*
	<2	2,122	6,731,908	333	3	13	27	72	216	531	805	962	1,371
	1-3	3,586	11,436,705	170	2	10	22	51	119	229	380	505	839
	4-6	2,949	11,313,141	179	2	8	17	56	123	246	394	514	904
	<6	7,197	22,017,455	222	2	10	22	59	137	292	543	738	1,093
	7-10	982	13,544,702	196	2*	7	17	58	138	273	439	572	778*
	11-14	737	13,966,919	257	2*	7	21	82	181	340	584	795	1,184*
	15-19	719	15,622,236	303	3*	15	29	89	210	387	685	903	1,563*
	20 +	9,004	177,457,259	665	7	51	112	272	529	874	1,314	1,676	2,958
	20-24	623	17,079,600	423	3*	13	42	136	297	571	918	1,216	1,911*
	25-54	4,736	109,036,598	689	6	42	98	263	526	909	1,395	1,840	3,239
	55-64	1,521	20,887,210	742	19	118	216	379	617	947	1,379	1,735	2,743
	65 +	2,124	30,453,851	661	17	118	207	354	592	863	1,171	1,442	2,175
	All ages	19,156	246,324,022	546	4	24	55	163	394	747	1,163	1,516	2,711

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Person/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	599	1,471,280	596	11*	43	67	359	584	848	1,022	1,208	1,533*
	0.5-0.9	667	1,742,366	567	15*	48	90	250	551	784	1,050	1,303	1,692*
	<2	2,283	7,308,510	460	9	44	83	185	387	659	936	1,107	1,514
	1-3	3,811	12,232,675	428	12	59	102	203	355	576	826	1,032	1,517
	4-6	3,173	12,248,965	549	21	89	146	282	467	721	1,053	1,305	1,905
	<6	7,684	23,606,615	486	14	59	111	229	414	658	946	1,146	1,691
	7-10	1,093	15,300,083	611	17*	119	179	315	517	817	1,130	1,420	2,176*
	11-14	812	15,493,036	815	29*	129	214	383	650	1,069	1,625	1,962	3,047*
	15-19	814	17,694,819	1,007	21*	152	239	428	779	1,304	1,898	2,411	4,025*
	20 +	9,292	183,699,315	1,465	94	323	502	825	1,272	1,867	2,551	3,195	5,159
	20-24	678	18,544,787	1,283	27*	120	248	579	1,013	1,589	2,508	3,632	5,801*
	25-54	4,906	113,011,204	1,486	79	323	483	801	1,273	1,894	2,638	3,337	5,259
	55-64	1,541	21,145,387	1,532	121	473	658	947	1,378	1,952	2,557	2,999	4,395
	65 +	2,167	30,997,937	1,453	273	532	651	939	1,345	1,833	2,324	2,708	3,750
	All ages	20,261	259,882,539	1,242	44	183	296	585	1,047	1,642	2,345	2,923	4,808

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 19FEB04 09:04 M:\PW\OSTWATER\REQ006\R006_E4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table E3. All Sources: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Person/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	62	1,567,915	1,013*	-	103*	188*	399*	949*	1,413*	1,796*	1,889*	2,283*
Indirect	67	1,683,110	426*	-	22*	55*	139*	280*	603*	1,055*	1,215*	1,455*
Direct and Indirect	70	1,750,330	1,318*	-	180*	369*	746*	1,225*	1,776*	2,336*	2,674*	3,557*
b. Lactating												
Direct	36	990,046	1,360*	-	79*	164*	526*	1,282*	1,827*	2,506*	2,819*	3,589*
Indirect	40	1,145,475	672*	-	13*	110*	228*	444*	939*	1,325*	1,725*	2,907*
Direct and Indirect	41	1,171,868	1,806*	-	359*	491*	1,068*	1,498*	2,474*	3,021*	3,767*	4,024*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	1,971	50,078,466	849	52*	104	166	342	642	1,045	1,751	2,129	4,218*
Indirect	2,090	52,950,839	512	3	24	55	151	363	691	1,127	1,456	2,393
Direct and Indirect	2,203	55,619,141	1,252	46	222	342	612	1,057	1,607	2,338	2,941	4,864
d. Women Age 15-44												
Direct	2,069	52,634,363	864	51	104	167	343	653	1,062	1,770	2,223	4,166
Indirect	2,196	55,761,270	513	3	24	55	153	362	694	1,129	1,452	2,413
Direct and Indirect	2,314	58,539,275	1,265	43	223	345	616	1,065	1,621	2,366	2,953	4,821

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:20 M:\PW\OSTWATER\REQ006\R006_E3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."

Table A1. Community Water: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	210	551,547	19	-	2*	2	5	11	22	38	50*	119*
	1-10	2,501	13,053,549	17	1	2	3	6	13	22	37	47	81
	11-19	603	11,926,745	10	1*	1	2	4	8	13	22	28	50*
	20 +	3,182	66,310,293	11	1	1	2	4	9	15	24	30	50
	All ages	6,496	91,842,134	12	1	2	2	4	9	16	25	33	56
Indirect	< 1	468	1,172,552	70	1*	3	5	14	63	102	142	174	243*
	1-10	3,120	14,938,623	9	-	-	1	2	5	12	19	26	44
	11-19	636	12,725,841	4	-	-	-	1	3	6	10	14	23*
	20 +	3,941	83,243,962	8	-	-	1	3	6	12	17	23	37
	All ages	8,165	112,080,978	9	-	-	1	2	6	11	17	24	50
Direct and Indirect	< 1	491	1,231,057	75	-	3	7	20	68	109	159	193	257*
	1-10	3,386	16,764,949	21	-	1	3	7	16	28	45	58	95
	11-19	752	15,037,128	12	-	1	2	4	9	16	26	32	48*
	20 +	4,099	86,643,885	17	-	1	3	7	14	23	33	41	63
	All ages	8,728	119,677,019	17	-	1	3	7	14	23	34	45	77
b. Male													
Direct	< 1	188	460,914	18	1*	2*	3*	5	10	23	39*	57*	84*
	1-10	2,586	13,816,775	17	1	3	4	6	12	22	35	46	75
	11-19	642	13,376,722	11	1*	1	2	4	8	14	21	32	65*
	20 +	3,401	64,200,732	10	1	1	2	4	7	13	21	28	48
	All ages	6,817	91,855,143	11	1	1	2	4	8	14	24	32	59
Indirect	< 1	430	1,074,772	63	1*	2	4	11	54	98	135	163	250*
	1-10	3,211	15,763,235	8	-	-	1	2	6	11	19	28	48
	11-19	646	13,578,405	5	-	-	-	1	3	6	10	15	25*
	20 +	4,114	77,152,431	8	-	-	1	3	6	11	16	21	40
	All ages	8,401	107,568,843	8	-	-	1	2	6	10	17	23	52
Direct and Indirect	< 1	457	1,142,278	66	1*	3	5	13	59	100	139	163	268*
	1-10	3,515	17,763,008	21	-	1	3	7	16	29	43	56	87
	11-19	755	15,721,969	14	-	1	2	5	10	17	27	38	67*
	20 +	4,360	82,313,478	15	-	1	3	7	13	20	30	38	62
	All ages	9,087	116,940,733	16	-	1	3	7	13	21	32	43	78

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A1. Community Water: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	398	1,012,461	18	1*	2*	3	5	11	23	39	57*	117*
	1-10	5,087	26,870,324	17	1	2	3	6	12	22	36	47	78
	11-19	1,245	25,303,467	11	1*	1	2	4	8	13	22	28	58*
	20 +	6,583	130,511,025	11	1	1	2	4	8	14	23	30	50
	All ages	13,313	183,697,277	12	1	1	2	4	8	15	25	33	57
Indirect	< 1	898	2,247,324	67	1*	2	5	12	57	100	141	172	249*
	1-10	6,331	30,701,858	8	-	-	1	2	6	11	19	26	45
	11-19	1,282	26,304,246	5	-	-	-	1	3	6	10	14	25*
	20 +	8,055	160,396,393	8	-	-	1	3	6	11	17	22	39
	All ages	16,566	219,649,821	8	-	-	1	2	6	11	17	23	51
Direct and Indirect	< 1	948	2,373,335	71	1*	3	6	17	62	106	145	185	261*
	1-10	6,901	34,527,957	21	-	1	3	7	16	28	44	57	92
	11-19	1,507	30,759,097	13	-	1	2	4	10	17	26	34	60*
	20 +	8,459	168,957,363	16	-	1	3	7	13	22	32	39	62
	All ages	17,815	236,617,752	17	-	1	3	7	13	22	33	44	77

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
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NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	74	198,168	19*	-	2*	2*	4*	11*	20*	30*	98*	120*
	0.5-0.9	136	353,379	18	-	2*	3*	5	10	24	40*	43*	91*
	<2	501	1,691,936	21	1*	2	4	7	16	28	43	56	113*
	1-3	1,116	3,566,602	22	1*	3	4	9	16	29	43	57	106*
	4-6	996	3,995,791	19	1*	2	4	7	14	25	39	52	80*
	<6	2,148	6,755,843	21	1	3	4	8	16	26	42	52	93
	7-10	389	5,491,156	13	1*	2*	3	4	9	17	29	37*	52*
	11-14	305	5,852,490	9	1*	1*	2	4	7	12	20	25*	35*
	15-19	298	6,074,255	11	1*	1*	2	4	8	13	22	30*	53*
	20 +	3,182	66,310,293	11	1	1	2	4	9	15	24	30	50
	20-24	233	6,414,589	13	1*	1*	2	4	8	14	25	35*	81*
	25-54	1,625	38,305,761	11	1	1	2	4	8	15	24	31	49
	55-64	535	8,051,309	12	1*	2	2	4	9	15	23	30	48*
	65 +	789	13,538,634	12	1*	2	3	5	10	16	23	27	38*
	All ages	6,496	91,842,134	12	1	2	2	4	9	16	25	33	56
Indirect	<0.5	195	478,911	98	1*	4*	8*	48	94	130	176*	207*	293*
	0.5-0.9	273	693,641	51	-	2*	4	10	47	77	102	130*	175*
	<2	885	2,808,155	38	-	1	2	6	15	54	106	140	202*
	1-3	1,501	4,735,300	12	-	1	1	4	8	16	27	35	67*
	4-6	1,227	4,788,940	8	-	-	1	2	6	12	18	25	38*
	<6	2,994	9,134,438	18	-	-	1	3	9	18	41	82	159
	7-10	392	5,414,383	6	-	-	-	2	4	8	14	17*	24*
	11-14	306	5,831,123	4	-	-	-	1	3	7	10	12*	18*
	15-19	330	6,894,718	4	-	-	-	1	2	5	10	16*	24*
	20 +	3,941	83,243,962	8	-	-	1	3	6	12	17	23	37
	20-24	302	8,229,039	6	-	-	1	2	4	8	14	17	29*
	25-54	2,078	49,553,607	8	-	-	1	3	6	12	18	24	39
	55-64	651	9,890,137	9	-	1	1	4	7	12	18	25	37*
	65 +	910	15,571,179	9	-	1	2	4	8	12	16	22	33*
	All ages	8,165	112,080,978	9	-	-	1	2	6	11	17	24	50

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	212	517,858	98	1*	4*	8	37	94	133	191	231*	289*
	0.5-0.9	279	713,199	59	-	3*	6	16	51	87	117	152*	203*
	<2	938	2,986,116	47	-	2	5	12	29	68	114	144	231*
	1-3	1,601	5,050,852	27	-	2	4	10	21	36	56	72	119*
	4-6	1,325	5,230,894	22	-	2	3	8	18	30	47	61	90*
	<6	3,192	9,741,756	31	-	2	3	10	22	40	69	98	175
	7-10	460	6,483,203	15	-	1	2	5	12	21	32	39	58*
	11-14	368	7,028,816	12	-	1*	2	5	9	16	26	29*	37*
	15-19	384	8,008,312	12	-	-	1	3	9	17	26	34*	50*
	20 +	4,099	86,643,885	17	-	1	3	7	14	23	33	41	63
	20-24	320	8,789,651	15	-	1	2	5	11	17	32	38	86*
	25-54	2,167	51,617,594	16	-	1	3	7	13	22	33	42	65
	55-64	673	10,176,050	18	-	1	3	8	15	25	34	41	59*
	65 +	939	16,060,590	18	-	3	5	10	17	25	34	39	54*
	All ages	8,728	119,677,019	17	-	1	3	7	14	23	34	45	77

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	69	162,549	17*	-	2*	3*	5*	9*	20*	40*	61*	83*
	0.5-0.9	119	298,365	18	1*	2*	3*	5	10	24	38*	51*	83*
	<2	483	1,680,965	19	2*	3	4	7	13	25	39	50	81*
	1-3	1,126	3,723,078	20	2*	3	4	8	15	27	41	52	87*
	4-6	1,041	4,142,311	19	1*	3	4	7	14	26	41	53	81*
	<6	2,152	6,912,857	20	2	3	4	7	15	26	42	55	88
	7-10	419	5,951,386	13	1*	2	3	6	10	18	28	35	52*
	11-14	312	5,962,493	12	1*	1*	2	4	9	14	26	38*	61*
	15-19	330	7,414,229	11	1*	1*	2	4	8	13	20	25*	71*
	20 +	3,401	64,200,732	10	1	1	2	4	7	13	21	28	48
	20-24	254	6,882,414	11	-	1	1	3	7	13	25	44	59*
	25-54	1,786	40,979,437	10	1	1	2	4	7	13	21	29	47
	55-64	560	6,924,067	9	1*	1	2	4	7	12	18	23	30*
	65 +	801	9,414,814	11	1*	2	3	5	9	15	21	25	32*
	All ages	6,817	91,855,143	11	1	1	2	4	8	14	24	32	59
Indirect	<0.5	190	458,167	91	1*	4*	7*	43	85	132	171*	213*	285*
	0.5-0.9	240	616,605	41	-	2*	3	7	35	62	99	119*	134*
	<2	831	2,697,354	33	-	1	2	6	12	45	98	128	211*
	1-3	1,525	5,024,944	11	-	1	1	3	8	15	25	32	62*
	4-6	1,268	4,911,824	8	-	-	1	2	6	12	20	27	41*
	<6	2,992	9,455,647	16	-	-	1	3	8	16	35	67	139
	7-10	418	5,826,467	6	-	-	-	2	4	8	14	18	29*
	11-14	317	6,151,756	5	-	-	-	1	3	6	10	15*	25*
	15-19	329	7,426,649	5	-	-	-	1	3	6	9	13*	33*
	20 +	4,114	77,152,431	8	-	-	1	3	6	11	16	21	40
	20-24	282	7,750,702	6	-	-	-	1	4	8	13	16	24*
	25-54	2,190	49,551,833	8	-	-	1	3	6	11	17	22	46
	55-64	686	8,539,514	8	-	1	2	4	7	11	15	20	40*
	65 +	956	11,310,382	8	-	1	2	4	7	11	16	19	27*
	All ages	8,401	107,568,843	8	-	-	1	2	6	10	17	23	52

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	202	489,271	91	2*	5*	7	39	88	129	170	210*	294*
	0.5-0.9	255	653,007	47	-	2*	5	10	39	74	107	127*	144*
	<2	890	2,924,738	41	-	2	4	11	25	59	101	129	204*
	1-3	1,629	5,380,230	24	-	2	4	9	19	34	51	65	101*
	4-6	1,390	5,386,416	23	-	1	3	8	18	31	46	64	93*
	<6	3,218	10,151,405	29	-	2	4	9	20	37	64	88	147
	7-10	496	6,996,362	17	-	1	3	7	14	23	33	41	58*
	11-14	368	7,073,951	14	-	1*	2	5	11	19	30	42*	64*
	15-19	387	8,648,018	13	-	1*	2	5	10	16	25	32*	68*
	20 +	4,360	82,313,478	15	-	1	3	7	13	20	30	38	62
	20-24	317	8,636,476	14	-	1	2	5	10	19	30	41	62*
	25-54	2,345	53,199,354	15	-	1	3	7	12	20	30	39	64
	55-64	710	8,835,728	15	-	1	3	8	13	20	28	34	54*
	65 +	988	11,641,920	16	-	2	4	9	16	23	30	34	45*
	All ages	9,087	116,940,733	16	-	1	3	7	13	21	32	43	78

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	143	360,717	18	2*	2*	2*	5	11	21	37*	67*	118*
	0.5-0.9	255	651,744	18	-	2*	3	5	10	24	39	44*	91*
	<2	984	3,372,901	20	2*	3	4	7	14	26	42	54	98*
	1-3	2,242	7,289,680	21	2	3	4	9	16	28	43	55	95
	4-6	2,037	8,138,102	19	1	3	4	7	14	26	40	52	83
	<6	4,300	13,668,700	20	2	3	4	8	15	26	42	53	91
	7-10	808	11,442,542	13	1*	2	3	5	9	17	28	36	52*
	11-14	617	11,814,983	11	1*	1	2	4	8	13	22	32	51*
	15-19	628	13,488,484	11	1*	1	2	4	8	13	21	26	59*
	20 +	6,583	130,511,025	11	1	1	2	4	8	14	23	30	50
	20-24	487	13,297,003	12	-	1	2	3	8	14	25	40	79*
	25-54	3,411	79,285,198	10	1	1	2	4	7	14	23	31	49
	55-64	1,095	14,975,376	10	1*	1	2	4	8	13	21	27	42*
	65 +	1,590	22,953,448	11	1	2	3	5	9	15	22	26	37
	All ages	13,313	183,697,277	12	1	1	2	4	8	15	25	33	57
Indirect	<0.5	385	937,078	95	1*	4*	7	46	90	131	173	213*	289*
	0.5-0.9	513	1,310,246	46	-	2	3	9	40	72	100	123	169*
	<2	1,716	5,505,509	35	-	1	2	6	13	51	101	133	205*
	1-3	3,026	9,760,244	12	-	1	1	3	8	15	26	34	64
	4-6	2,495	9,700,764	8	-	-	1	2	6	12	19	25	41
	<6	5,986	18,590,085	17	-	-	1	3	8	17	38	74	147
	7-10	810	11,240,850	6	-	-	-	2	4	8	14	17	29*
	11-14	623	11,982,879	5	-	-	-	1	3	7	10	13	25*
	15-19	659	14,321,367	4	-	-	-	1	3	6	10	15	26*
	20 +	8,055	160,396,393	8	-	-	1	3	6	11	17	22	39
	20-24	584	15,979,741	6	-	-	1	2	4	8	14	17	26*
	25-54	4,268	99,105,440	8	-	-	1	3	6	11	18	23	43
	55-64	1,337	18,429,651	9	-	1	1	4	7	11	17	23	38
	65 +	1,866	26,881,561	9	-	1	2	4	8	12	16	21	33
	All ages	16,566	219,649,821	8	-	-	1	2	6	11	17	23	51

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A2. Community Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	414	1,007,129	95	2*	5	7	37	91	133	184	221	294*
	0.5-0.9	534	1,366,206	53	-	3	5	12	47	81	112	129	186*
	<2	1,828	5,910,854	44	-	2	4	11	28	62	109	137	215*
	1-3	3,230	10,431,082	26	-	2	4	9	20	35	53	68	110
	4-6	2,715	10,617,310	22	-	1	3	8	18	31	47	63	91
	<6	6,410	19,893,161	30	-	2	4	9	21	38	67	93	162
	7-10	956	13,479,565	16	-	1	3	6	13	22	33	40	59*
	11-14	736	14,102,767	13	-	1	2	5	10	17	27	36	54*
	15-19	771	16,656,330	12	-	1	1	4	9	16	26	32	62*
	20 +	8,459	168,957,363	16	-	1	3	7	13	22	32	39	62
	20-24	637	17,426,127	15	-	1	2	5	11	18	31	39	80*
	25-54	4,512	104,816,948	16	-	1	3	7	13	21	32	40	65
	55-64	1,383	19,011,778	17	-	1	3	8	14	23	32	38	58
	65 +	1,927	27,702,510	18	-	2	5	10	16	24	32	37	53
	All ages	17,815	236,617,752	17	-	1	3	7	13	22	33	44	77

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table A3. Community Water: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	42	1,104,709	13*	-	1*	1*	3*	9*	20*	27*	29*	33*
Indirect	63	1,552,902	5*	-	-	-	1*	3*	8*	13*	17*	20*
Direct and Indirect	65	1,644,007	14*	-	-	-	2*	9*	22*	33*	43*	47*
b. Lactating												
Direct	26	685,373	22*	-	-	2*	9*	23*	33*	41*	50*	52*
Indirect	31	898,173	10*	-	-	1*	3*	7*	11*	16*	38*	55*
Direct and Indirect	33	940,375	26*	-	-	2*	9*	20*	41*	54*	55*	57*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	1,499	37,924,607	11	1*	1	2	4	8	14	23	31	58*
Indirect	1,892	48,160,653	7	-	-	1	2	5	10	17	21	37*
Direct and Indirect	2,028	51,411,212	15	-	1	2	6	12	21	32	38	68
d. Women Age 15-44												
Direct	1,567	39,712,625	11	1*	1	2	4	8	15	24	32	57*
Indirect	1,985	50,593,574	7	-	-	1	2	5	10	17	21	37*
Direct and Indirect	2,126	53,993,530	15	-	1	2	6	12	21	32	39	66

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:25 M:\PW\OSTWATER\REQ006\R006_F3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table B1. Bottled Water: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	134	300,373	18	1*	2*	3*	6	11	24	37*	59*	75*
	1-10	799	3,698,592	17	1*	2	3	6	13	21	35	47	81*
	11-19	160	3,314,571	9	1*	1*	2*	3	7	10	19*	25*	49*
	20 +	926	21,577,149	11	1*	2	2	4	8	14	23	28	40*
	All ages	2,019	28,890,685	12	1	2	2	4	8	15	24	31	52
Indirect	< 1	109	254,476	89	-	4*	7*	37	69	129	163*	210*	293*
	1-10	264	1,294,713	9	-	-	1	2	5	10	20	29*	53*
	11-19	38	742,950	4*	-	-	1*	1*	2*	6*	9*	12*	16*
	20 +	332	7,443,482	7	-	1	2	3	5	9	14	17	29*
	All ages	743	9,735,621	9	-	1	1	2	5	9	16	22	96*
Direct and Indirect	< 1	183	430,472	65	1*	3*	4*	11	37	94	164*	176*	302*
	1-10	840	3,941,235	19	1*	2	4	7	14	23	40	54	94*
	11-19	162	3,372,860	10	1*	1*	2*	3	8	12	21*	28*	50*
	20 +	969	22,579,106	13	1*	2	2	5	10	17	27	32	45*
	All ages	2,154	30,323,673	14	1	2	2	5	10	17	28	36	67
b. Male													
Direct	< 1	136	360,868	16	1*	2*	4*	6	12	21	29*	43*	83*
	1-10	786	3,563,668	17	1*	2	3	6	12	23	34	45	80*
	11-19	129	2,722,270	11	-	1*	2*	4	7	13	24*	29*	43*
	20 +	880	17,950,961	9	1*	1	2	3	7	12	18	22	40*
	All ages	1,931	24,597,767	10	1*	1	2	4	7	13	22	29	47*
Indirect	< 1	115	327,572	82	-	7*	17*	44	72	104	146*	194*	240*
	1-10	262	1,150,730	10	-	1*	2	3	6	12	19	33*	68*
	11-19	39	864,999	5*	-	-	1*	2*	3*	6*	10*	13*	16*
	20 +	283	5,276,685	7	-	1	2	3	4	8	15	22	49*
	All ages	699	7,619,986	10	-	1	2	3	5	10	19	36	105*
Direct and Indirect	< 1	186	508,950	65	2*	5*	6*	14	50	98	134*	163*	254*
	1-10	828	3,776,892	19	1*	2	3	7	13	25	41	53	85*
	11-19	137	2,866,892	11	1*	1*	2*	4	7	15	26*	30*	44*
	20 +	929	18,862,983	10	1*	1	2	4	8	14	22	30	46*
	All ages	2,080	26,015,717	13	1	1	2	4	8	16	27	38	76

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B1. Bottled Water: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	270	661,241	17	1*	2*	3	6	12	22	36	46*	83*
	1-10	1,585	7,262,260	17	1*	2	3	6	12	22	35	46	81*
	11-19	289	6,036,841	10	1*	1*	2	3	7	12	22	27*	46*
	20 +	1,806	39,528,110	10	1	1	2	4	7	13	21	27	40
	All ages	3,950	53,488,452	11	1	1	2	4	8	14	23	30	49
Indirect	< 1	224	582,048	85	1*	6*	16	41	72	116	163	200*	292*
	1-10	526	2,445,443	9	-	-	1	3	6	11	20	33	60*
	11-19	77	1,607,949	4	-	-	1*	2*	2	6*	10*	13*	17*
	20 +	615	12,720,167	7	-	1	2	3	5	9	15	19	30*
	All ages	1,442	17,355,607	10	-	1	1	3	5	9	17	28	104*
Direct and Indirect	< 1	369	939,422	65	1*	4*	6	12	43	96	149	174*	291*
	1-10	1,668	7,718,127	19	1*	2	3	7	14	24	40	54	88*
	11-19	299	6,239,752	11	1*	1*	2	4	7	13	24	28*	47*
	20 +	1,898	41,442,089	12	1	1	2	5	9	16	25	31	46
	All ages	4,234	56,339,390	13	1	2	2	5	9	17	27	36	72

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	62	130,576	21*	-	2*	3*	7*	12*	29*	46*	70*	88*
	0.5-0.9	72	169,797	15*	-	1*	2*	5*	10*	24*	36*	38*	69*
	<2	234	668,108	18	1*	2*	3	7	12	24	37	50*	74*
	1-3	376	1,121,445	20	1*	2*	4	8	16	26	38	54*	85*
	4-6	330	1,256,523	19	2*	3*	4	7	15	23	37	54*	81*
	<6	789	2,223,073	20	1*	2	4	7	15	26	39	55	87*
	7-10	93	1,320,624	13	-	2*	2*	5	9	16	23*	34*	58*
	11-14	73	1,483,112	9*	1*	1*	2*	3*	7*	10*	17*	22*	45*
	15-19	87	1,831,459	9	1*	1*	2*	3	7	10	21*	27*	41*
	20 +	926	21,577,149	11	1*	2	2	4	8	14	23	28	40*
	20-24	90	2,563,364	11	-	1*	2*	4	9	14	23*	28*	36*
	25-54	552	14,173,612	11	1*	1	2	4	8	14	23	27	41*
	55-64	135	2,076,040	11	1*	2*	2	5	8	15	21	29*	32*
	65 +	149	2,764,133	12	-	2*	3	6	11	17	23	26*	41*
	All ages	2,019	28,890,685	12	1	2	2	4	8	15	24	31	52
Indirect	<0.5	58	130,203	117*	-	6*	20*	60*	115*	153*	208*	275*	343*
	0.5-0.9	51	124,273	59*	-	3*	5*	32*	55*	82*	120*	150*	159*
	<2	151	409,517	62	-	2*	3*	9	37	87	150*	165*	286*
	1-3	135	416,224	14	-	1*	2*	3	8	17	34*	43*	77*
	4-6	91	312,758	6	-	1*	1*	3	5	7	12*	19*	26*
	<6	318	887,072	34	-	1*	2	4	9	37	115	146*	247*
	7-10	38	565,731	6*	-	-	-	2*	4*	8*	17*	19*	22*
	11-14	22	413,140	5*	-	-	1*	1*	3*	7*	12*	15*	17*
	15-19	16	329,810	3*	-	-	1*	1*	2*	4*	7*	8*	9*
	20 +	332	7,443,482	7	-	1	2	3	5	9	14	17	29*
	20-24	28	757,780	4*	-	1*	1*	2*	2*	4*	7*	13*	15*
	25-54	175	4,505,919	7	-	1*	1	3	5	9	16	20*	29*
	55-64	63	993,727	8	-	1*	2*	4	8	10	15*	16*	19*
	65 +	66	1,186,056	6	-	-	1*	3	6	10	12*	12*	13*
	All ages	743	9,735,621	9	-	1	1	2	5	9	16	22	96*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	93	207,707	87	2*	3*	5*	12	65	136	175*	272*	330*
	0.5-0.9	90	222,765	45	-	2*	3*	8	27	69	102*	140*	159*
	<2	289	823,485	45	1*	3*	5	9	21	58	128	164*	281*
	1-3	395	1,187,596	24	1*	2*	4	9	17	31	54	62*	99*
	4-6	344	1,309,457	20	1*	3*	4	8	15	25	42	54*	82*
	<6	869	2,454,221	30	1*	3	4	9	17	34	70	99	175*
	7-10	101	1,444,182	14	1*	2*	3*	5	10	19	24*	41*	68*
	11-14	75	1,541,401	10	-	1*	2*	4*	8	12*	21*	24*	50*
	15-19	87	1,831,459	10	1*	1*	2*	3	7	12	21*	28*	45*
	20 +	969	22,579,106	13	1*	2	2	5	10	17	27	32	45*
	20-24	97	2,715,612	11	-	1*	2*	4	9	14	23*	32*	40*
	25-54	577	14,847,018	12	1*	2	2	5	9	16	26	31	45*
	55-64	140	2,150,324	14	1*	2*	3	6	10	20	32	40*	41*
	65 +	155	2,866,152	14	-	2*	4	8	13	18	27	31*	48*
	All ages	2,154	30,323,673	14	1	2	2	5	10	17	28	36	67

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	60	158,644	18*	-	4*	5*	8*	13*	20*	31*	44*	90*
	0.5-0.9	76	202,224	15	1*	2*	3*	6*	10	22*	28*	39*	54*
	<2	235	805,060	17	1*	3*	4	6	12	22	28	45*	84*
	1-3	393	1,314,077	19	1*	3*	4	7	14	25	39	52*	85*
	4-6	316	1,151,158	19	2*	3*	5	7	14	26	41	49*	83*
	<6	789	2,471,875	19	2*	3	4	7	14	25	38	50	84*
	7-10	77	1,098,433	11	1*	2*	3*	4*	9	14*	25*	27*	44*
	11-14	62	1,182,007	11*	-	2*	2*	4*	6*	14*	26*	34*	40*
	15-19	67	1,540,263	10*	-	1*	2*	3*	7*	13*	23*	24*	44*
	20 +	880	17,950,961	9	1*	1	2	3	7	12	18	22	40*
	20-24	72	2,070,132	11	-	1*	2*	3	7	14	23*	32*	49*
	25-54	552	12,639,800	9	1*	1	2	3	7	12	18	22	39*
	55-64	129	1,721,597	7	1*	1*	1	3	5	11	16	20*	25*
	65 +	127	1,519,432	9	1*	2*	3	5	7	13	17	20*	23*
	All ages	1,931	24,597,767	10	1*	1	2	4	7	13	22	29	47*
Indirect	<0.5	59	161,768	108*	-	10*	42*	66*	92*	135*	183*	214*	341*
	0.5-0.9	56	165,804	57*	-	6*	15*	25*	54*	84*	104*	110*	144*
	<2	163	545,710	55	-	2*	3*	8	42	82	130*	163*	228*
	1-3	145	493,820	13	-	1*	2*	4	8	15	32*	55*	70*
	4-6	91	312,724	9	-	1*	1*	3	6	11	20*	23*	46*
	<6	334	1,021,021	35	-	1*	2	5	13	52	94	134*	209*
	7-10	26	344,186	6*	-	-	1*	2*	4*	8*	14*	14*	27*
	11-14	20	401,053	5*	-	-	-	1*	3*	8*	11*	13*	15*
	15-19	19	463,946	4*	-	-	1*	2*	2*	5*	6*	6*	14*
	20 +	283	5,276,685	7	-	1	2	3	4	8	15	22	49*
	20-24	13	298,381	6*	-	-	-	3*	4*	5*	18*	19*	20*
	25-54	164	3,547,277	7	-	-	2	3	4	8	16	23*	50*
	55-64	46	595,039	6*	-	-	1*	2*	4*	10*	12*	20*	23*
	65 +	60	835,988	8	-	2*	2*	4	6	11	15*	15*	19*
	All ages	699	7,619,986	10	-	1	2	3	5	10	19	36	105*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	91	248,647	82	-	5*	7*	14	72	119	162*	204*	323*
	0.5-0.9	95	260,303	48	1*	5*	6*	14	36	76	104*	110*	157*
	<2	296	1,005,712	43	1*	3*	5	9	23	61	104	134*	213*
	1-3	419	1,413,437	22	1*	3	4	7	17	28	48	67	90*
	4-6	327	1,185,977	21	1*	2*	4	8	15	29	45	50*	83*
	<6	873	2,734,283	30	2*	3	5	8	19	35	70	98	162*
	7-10	82	1,177,478	12	-	1*	3*	4	9	15	26*	30*	57*
	11-14	65	1,248,328	13*	-	2*	3*	5*	8*	17*	26*	38*	43*
	15-19	72	1,618,564	10*	-	1*	2*	3*	7*	13*	26*	28*	44*
	20 +	929	18,862,983	10	1*	1	2	4	8	14	22	30	46*
	20-24	75	2,145,751	11	-	1*	2*	3	7	16	25*	32*	51*
	25-54	578	13,219,405	10	-	1	2	4	7	13	21	30	46*
	55-64	134	1,775,587	9	1*	1*	1	3	7	13	19	29*	33*
	65 +	142	1,722,240	12	1*	2*	3	6	10	16	23	26*	33*
	All ages	2,080	26,015,717	13	1	1	2	4	8	16	27	38	76

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	122	289,220	19	2*	3*	5*	7	13	22	38*	67*	95*
	0.5-0.9	148	372,021	15	1*	2*	3*	6	10	22	31*	39*	62*
	<2	469	1,473,168	17	1*	2	4	7	12	23	34	49	83*
	1-3	769	2,435,522	19	1*	2	4	7	15	26	39	54	86*
	4-6	646	2,407,681	19	2*	3	4	7	15	25	39	49	82*
	<6	1,578	4,694,948	19	1*	3	4	7	14	25	39	53	86*
	7-10	170	2,419,057	12	1*	2*	2*	4	9	16	24*	33*	46*
	11-14	135	2,665,119	10	-	1*	2*	4	7	12	23*	28*	45*
	15-19	154	3,371,722	10	1*	1*	2*	3	7	11	22*	26*	50*
	20 +	1,806	39,528,110	10	1	1	2	4	7	13	21	27	40
	20-24	162	4,633,496	11	1*	1*	2	3	8	14	23	32*	45*
	25-54	1,104	26,813,412	10	1*	1	2	4	7	13	21	26	40*
	55-64	264	3,797,637	9	1*	1	2	4	7	13	19	25	31*
	65 +	276	4,283,565	11	1*	2	3	5	9	15	20	24	38*
	All ages	3,950	53,488,452	11	1	1	2	4	8	14	23	30	49
Indirect	<0.5	117	291,971	112	2*	7*	29*	64	96	142	199*	234*	412*
	0.5-0.9	107	290,077	58	-	4*	7*	27	54	84	110*	134*	161*
	<2	314	955,227	58	-	2*	3	8	38	84	138	164*	276*
	1-3	280	910,044	14	-	1*	2	3	8	16	34	48*	73*
	4-6	182	625,482	7	-	1*	1*	3	5	8	15*	23*	39*
	<6	652	1,908,093	34	-	1	2	5	11	46	102	138	220*
	7-10	64	909,917	6*	-	-	-	2*	4*	8*	14*	18*	29*
	11-14	42	814,193	5*	-	-	1*	1*	3*	7*	12*	15*	16*
	15-19	35	793,756	4*	-	1*	1*	2*	2*	6*	6*	7*	14*
	20 +	615	12,720,167	7	-	1	2	3	5	9	15	19	30*
	20-24	41	1,056,161	5*	-	1*	2*	2*	3*	5*	10*	16*	20*
	25-54	339	8,053,196	7	-	1	2	3	5	8	16	22	34*
	55-64	109	1,588,766	7	-	1*	2*	3	6	10	14*	17*	22*
	65 +	126	2,022,044	7	-	1*	2	3	6	10	12	15*	18*
	All ages	1,442	17,355,607	10	-	1	1	3	5	9	17	28	104*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B2. Bottled Water: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	184	456,354	84	3*	4*	6*	13	68	130	171*	214*	373*
	0.5-0.9	185	483,068	47	1*	3*	5*	11	34	73	104*	120*	166*
	<2	585	1,829,197	44	1*	3	5	9	22	60	112	150	269*
	1-3	814	2,601,033	23	1*	2	4	8	17	30	51	67	97*
	4-6	671	2,495,434	20	1*	3	4	8	15	27	42	51	83*
	<6	1,742	5,188,504	30	1*	3	4	9	18	34	70	99	173*
	7-10	183	2,621,660	13	1*	2*	3*	5	10	17	25*	36*	69*
	11-14	140	2,789,729	11	1*	2*	2*	4	8	15	24*	28*	45*
	15-19	159	3,450,023	10	1*	1*	2*	3	7	12	25*	28*	47*
	20 +	1,898	41,442,089	12	1	1	2	5	9	16	25	31	46
	20-24	172	4,861,363	11	1*	1*	2	4	8	15	25	33*	48*
	25-54	1,155	28,066,423	11	1*	2	2	4	8	15	24	30	46*
	55-64	274	3,925,911	12	1*	1	2	4	8	17	27	33	41*
	65 +	297	4,588,392	13	-	2	3	7	12	17	26	30	42*
	All ages	4,234	56,339,390	13	1	2	2	5	9	17	27	36	72

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table B3. Bottled Water: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	24	629,261	12*	-	-	2*	4*	8*	21*	26*	30*	31*
Indirect	9	273,435	5*	-	-	-	2*	3*	9*	10*	11*	12*
Direct and Indirect	26	674,918	14*	-	1*	2*	5*	8*	21*	30*	30*	34*
b. Lactating												
Direct	6	198,034	6*	-	-	-	1*	3*	9*	11*	11*	11*
Indirect	4	164,884	12*	-	-	-	4*	12*	15*	16*	17*	17*
Direct and Indirect	7	278,308	11*	-	-	-	3*	10*	16*	17*	18*	18*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	541	14,324,414	11	1*	1	2	4	8	14	24	28	42*
Indirect	154	4,081,907	6	-	1*	1*	2	4	7	12*	16*	23*
Direct and Indirect	561	14,840,968	12	1*	1	2	4	9	16	26	31	50*
d. Women Age 15-44												
Direct	571	15,151,709	11	1*	1	2	4	8	14	24	29	41*
Indirect	167	4,520,226	6	-	1*	1*	2	4	7	13*	16*	23*
Direct and Indirect	594	15,794,194	12	1*	1	2	5	9	16	26	31	49*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:25 M:\PW\OSTWATER\REQ006\R006_F3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table C1. Other Sources: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	29	67,185	18*	-	3*	5*	7*	13*	24*	30*	36*	58*
	1-10	372	1,811,177	15	1*	2*	3	5	10	20	30	39*	69*
	11-19	106	2,222,020	10	-	1*	2*	3	6	12	22*	24*	44*
	20 +	500	9,565,631	10	1*	1	2	4	7	13	20	25	35*
	All ages	1,007	13,666,013	10	1*	2	2	4	7	14	22	28	43*
Indirect	< 1	51	115,120	65*	1*	1*	1*	13*	59*	101*	144*	149*	185*
	1-10	381	1,767,081	8	-	-	1	2	5	11	17	23*	39*
	11-19	100	2,032,822	4	-	-	-	1	2	4	9*	13*	18*
	20 +	540	10,446,166	9	-	1	1	3	6	12	19	25	45*
	All ages	1,072	14,361,189	9	-	-	1	2	6	11	19	25	52*
Direct and Indirect	< 1	59	135,650	64*	-	2*	7*	21*	48*	102*	148*	166*	195*
	1-10	466	2,200,038	19	-	2	3	7	14	26	38	48	86*
	11-19	125	2,565,706	11	-	2*	3*	4	7	15	27*	33*	44*
	20 +	598	11,563,738	16	-	2	3	7	14	22	30	40	55*
	All ages	1,248	16,465,132	16	-	2	3	6	13	22	32	41	66*
b. Male													
Direct	< 1	36	103,970	16*	-	-	3*	5*	10*	15*	27*	38*	113*
	1-10	370	1,999,912	15	1*	2*	2	6	13	20	31	39*	64*
	11-19	80	1,546,572	10	-	1*	2*	3	7	16	23*	24*	37*
	20 +	633	10,493,999	9	-	1	1	3	6	12	19	26	37*
	All ages	1,119	14,144,453	10	-	1	2	3	7	14	22	28	48*
Indirect	< 1	56	168,269	59*	-	4*	8*	16*	55*	84*	106*	127*	193*
	1-10	387	1,938,662	8	-	-	-	2	4	11	21	25*	45*
	11-19	86	1,659,627	5	-	-	1*	2	4	6	12*	16*	22*
	20 +	672	11,084,391	8	-	-	1	3	7	12	17	23	39*
	All ages	1,201	14,850,949	9	-	-	1	2	6	11	18	25	53*
Direct and Indirect	< 1	69	202,190	58*	-	4*	6*	17*	53*	81*	106*	136*	247*
	1-10	466	2,409,961	19	-	1	3	7	14	26	41	54	70*
	11-19	101	1,959,939	12	-	1*	2*	5	9	17	26*	35*	51*
	20 +	773	13,044,547	14	-	1	3	6	12	20	29	36	57*
	All ages	1,409	17,616,637	15	-	1	3	6	12	21	31	41	66*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C1. Other Sources: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	65	171,155	17*	-	2*	3*	6*	12*	21*	30*	38*	107*
	1-10	742	3,811,089	15	1*	2	3	5	11	20	31	39	66*
	11-19	186	3,768,592	10	-	1*	2*	3	7	13	22*	25*	41*
	20 +	1,133	20,059,630	9	-	1	2	4	7	13	19	25	36*
	All ages	2,126	27,810,466	10	-	1	2	4	7	14	22	28	45
Indirect	< 1	107	283,389	62	1*	1*	4*	15	55	91	123*	148*	201*
	1-10	768	3,705,743	8	-	-	1	2	5	11	19	25	45*
	11-19	186	3,692,449	4	-	-	-	1	3	5	10*	15*	22*
	20 +	1,212	21,530,557	9	-	-	1	3	6	12	19	24	41*
	All ages	2,273	29,212,138	9	-	-	1	2	6	11	19	25	52
Direct and Indirect	< 1	128	337,840	60	-	4*	6*	17	54	89	126*	168*	238*
	1-10	932	4,609,999	19	-	2	3	7	14	26	39	51	78*
	11-19	226	4,525,645	12	-	1*	2	5	7	15	27	35*	52*
	20 +	1,371	24,608,285	15	-	1	3	6	13	21	30	39	58
	All ages	2,657	34,081,769	16	-	1	3	6	12	21	32	41	67

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	13	24,810	15*	-	-	4*	8*	11*	20*	22*	23*	36*
	0.5-0.9	16	42,375	20*	-	2*	4*	7*	13*	25*	33*	36*	61*
	<2	61	168,852	21*	-	4*	4*	6*	12*	25*	42*	71*	94*
	1-3	171	438,662	20	1*	2*	4*	6	13	28	39*	62*	88*
	4-6	142	539,415	16	-	2*	3*	5	11	22	37*	41*	64*
	<6	316	837,341	19	1*	3*	4	7	13	26	39	52*	83*
	7-10	59	833,100	11*	-	2*	3*	4*	9*	15*	28*	29*	31*
	11-14	54	1,054,723	10*	-	1*	3*	5*	7*	12*	21*	22*	41*
	15-19	52	1,167,297	9*	1*	2*	2*	3*	6*	11*	23*	27*	38*
	20 +	500	9,565,631	10	1*	1	2	4	7	13	20	25	35*
	20-24	25	606,174	7*	-	1*	1*	3*	6*	10*	15*	16*	19*
	25-54	252	5,562,095	9	1*	1	2	4	6	13	20	25	35*
	55-64	114	1,591,274	9	-	2*	3*	5	7	12	20*	25*	34*
	65 +	109	1,806,088	11	2*	3*	4*	5	10	16	18*	22*	28*
	All ages	1,007	13,666,013	10	1*	2	2	4	7	14	22	28	43*
Indirect	<0.5	28	50,117	98*	-	9*	25*	54*	86*	138*	157*	168*	193*
	0.5-0.9	23	65,003	40*	-	-	1*	3*	16*	71*	98*	105*	119*
	<2	90	243,749	37	-	-	1*	3	13	59	115*	145*	169*
	1-3	182	475,257	11	-	-	1*	3	6	14	24*	35*	56*
	4-6	140	514,169	7	-	-	1*	2	5	11	13*	22*	31*
	<6	347	886,776	17	-	-	1	3	6	14	45	85*	147*
	7-10	59	777,655	6*	-	-	1*	2*	4*	9*	16*	18*	22*
	11-14	56	1,050,012	5*	-	-	-	1*	3*	6*	13*	15*	22*
	15-19	44	982,810	2*	-	-	-	1*	2*	3*	5*	5*	10*
	20 +	540	10,446,166	9	-	1	1	3	6	12	19	25	45*
	20-24	23	569,746	6*	-	-	-	1*	3*	6*	18*	20*	24*
	25-54	284	6,318,789	10	-	1	1	3	6	12	21	29	52*
	55-64	119	1,660,370	8	-	1*	2*	4	7	11	16*	18*	33*
	65 +	114	1,897,261	9	-	1*	2*	4	8	13	19*	20*	29*
	All ages	1,072	14,361,189	9	-	-	1	2	6	11	19	25	52*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	31	58,860	89*	-	9*	19*	33*	80*	126*	161*	181*	200*
	0.5-0.9	28	76,790	45*	-	-	2*	11*	29*	66*	102*	122*	161*
	<2	104	287,243	44	-	1*	4*	9	22	67	122*	149*	182*
	1-3	214	558,040	25	-	2*	3	9	17	35	51	68*	115*
	4-6	182	684,680	18	-	1*	2*	5	13	25	39*	53*	77*
	<6	422	1,102,419	28	-	1	4	9	18	36	65	92	149*
	7-10	70	957,318	15*	1*	2*	3*	7*	11*	22*	30*	32*	41*
	11-14	66	1,300,089	12*	-	-	2*	5*	7*	16*	27*	35*	47*
	15-19	59	1,265,617	10*	-	2*	3*	4*	7*	13*	27*	30*	41*
	20 +	598	11,563,738	16	-	2	3	7	14	22	30	40	55*
	20-24	33	798,542	10*	-	-	1*	2*	8*	12*	20*	22*	32*
	25-54	313	6,889,946	17	-	2	3	6	13	22	32	44	62*
	55-64	127	1,770,409	16	-	3*	5	10	15	20	28	38*	42*
	65 +	125	2,104,841	18	1*	4*	5	9	17	24	31	36*	45*
	All ages	1,248	16,465,132	16	-	2	3	6	13	22	32	41	66*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	13	38,492	25*	-	-	-	9*	14*	16*	21*	77*	129*
	0.5-0.9	23	65,478	11*	-	-	-	4*	7*	13*	27*	32*	41*
	<2	74	247,925	17*	-	2*	3*	6*	12*	23*	31*	39*	97*
	1-3	166	504,248	22	2*	3*	4*	7	17	27	45*	57*	86*
	4-6	141	568,607	15	-	3*	3*	7	12	20	31*	35*	48*
	<6	318	970,794	19	1*	3*	3	6	14	24	37	48*	83*
	7-10	63	927,057	12*	1*	1*	2*	3*	12*	17*	23*	29*	36*
	11-14	44	804,298	13*	-	2*	2*	4*	8*	19*	24*	35*	38*
	15-19	36	742,274	7*	-	1*	1*	3*	4*	7*	17*	19*	26*
	20 +	633	10,493,999	9	-	1	1	3	6	12	19	26	37*
	20-24	28	873,922	7*	-	1*	1*	3*	4*	8*	15*	23*	28*
	25-54	312	6,472,807	8	-	1	1	3	5	11	18	24	39*
	55-64	119	1,337,857	9	-	1*	1*	4	7	11	20*	26*	38*
	65 +	174	1,809,413	12	-	1*	3	6	10	16	23	28*	35*
	All ages	1,119	14,144,453	10	-	1	2	3	7	14	22	28	48*
Indirect	<0.5	24	74,574	78*	-	-	10*	53*	60*	103*	129*	168*	211*
	0.5-0.9	32	93,695	44*	-	3*	5*	10*	43*	72*	86*	91*	102*
	<2	98	328,129	34	-	-	1*	4	11	55	94*	106*	168*
	1-3	185	550,227	9	-	-	1*	2	6	12	23*	31*	46*
	4-6	138	496,824	8	-	-	-	2	4	11	21*	25*	43*
	<6	356	1,038,828	17	-	1*	1	3	8	17	52	78*	125*
	7-10	64	891,611	7*	-	-	-	1*	3*	10*	14*	20*	43*
	11-14	48	850,724	7*	-	1*	1*	2*	4*	8*	16*	22*	22*
	15-19	38	808,903	4*	-	-	-	1*	3*	5*	9*	10*	10*
	20 +	672	11,084,391	8	-	-	1	3	7	12	17	23	39*
	20-24	22	659,873	3*	-	-	-	1*	2*	4*	8*	8*	17*
	25-54	343	7,034,453	9	-	-	1	3	7	12	17	25	40*
	55-64	127	1,493,157	11	-	2*	2	4	8	15	21	27*	37*
	65 +	180	1,896,908	8	-	1*	1	3	7	11	16	17*	26*
	All ages	1,201	14,850,949	9	-	-	1	2	6	11	18	25	53*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	29	88,805	76*	-	5*	9*	21*	55*	102*	169*	218*	254*
	0.5-0.9	40	113,385	43*	-	2*	4*	10*	34*	63*	91*	98*	117*
	<2	119	395,073	40	-	1*	3*	9	24	56	93*	106*	228*
	1-3	222	674,907	24	-	1*	3	7	18	34	55	64*	91*
	4-6	171	674,994	18	-	1*	3*	8	14	25	39*	53*	60*
	<6	430	1,287,842	28	1*	2	3	8	19	36	60	81	164*
	7-10	73	1,060,060	16*	-	2*	2*	5*	13*	25*	37*	42*	69*
	11-14	53	922,060	17*	-	2*	4*	7*	13*	24*	35*	37*	56*
	15-19	48	1,037,879	8*	-	-	2*	4*	5*	10*	17*	20*	24*
	20 +	773	13,044,547	14	-	1	3	6	12	20	29	36	57*
	20-24	33	981,604	9*	1*	1*	1*	3*	6*	13*	17*	24*	29*
	25-54	403	8,312,476	14	-	1	2	6	11	19	27	35	52*
	55-64	140	1,648,120	17	1*	3*	4	7	13	22	33	42*	59*
	65 +	197	2,102,347	18	-	2*	4	9	16	23	31	37*	57*
	All ages	1,409	17,616,637	15	-	1	3	6	12	21	31	41	66*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	26	63,302	21*	-	3*	4*	9*	13*	17*	22*	52*	124*
	0.5-0.9	39	107,853	15*	-	-	2*	5*	7*	23*	32*	37*	53*
	<2	135	416,777	19	-	3*	4*	6	12	24	37*	56*	102*
	1-3	337	942,910	21	1*	3*	4	7	15	27	43	59*	89*
	4-6	283	1,108,022	15	-	2*	3	6	11	20	34	39*	56*
	<6	634	1,808,135	19	1*	3	4	7	14	25	38	49	85*
	7-10	122	1,760,157	12	1*	2*	2*	4	9	16	27*	30*	36*
	11-14	98	1,859,021	11	-	1*	2*	4	8	16	23*	24*	40*
	15-19	88	1,909,571	8	-	1*	2*	3	6	11	19*	25*	38*
	20 +	1,133	20,059,630	9	-	1	2	4	7	13	19	25	36*
	20-24	53	1,480,096	7	-	1*	1*	3	4	9	16*	20*	27*
	25-54	564	12,034,902	9	-	1	2	3	6	12	19	25	36*
	55-64	233	2,929,131	9	-	1*	2	4	7	12	21	26*	38*
	65 +	283	3,615,501	11	-	2	4	5	10	16	21	27	35*
	All ages	2,126	27,810,466	10	-	1	2	4	7	14	22	28	45
Indirect	<0.5	52	124,691	86*	1*	9*	17*	54*	69*	118*	149*	168*	214*
	0.5-0.9	55	158,698	42*	-	1*	2*	8*	36*	75*	91*	101*	112*
	<2	188	571,878	36	-	-	1*	4	12	57	101*	125*	172*
	1-3	367	1,025,484	10	-	-	1	3	6	12	24	33*	48*
	4-6	278	1,010,993	8	-	-	-	2	5	11	18	25*	43*
	<6	703	1,925,604	17	-	-	1	3	7	16	47	79	145*
	7-10	123	1,669,266	7	-	-	-	1	4	10	16*	20*	33*
	11-14	104	1,900,736	6	-	-	-	2	4	7	15*	18*	22*
	15-19	82	1,791,713	3	-	-	-	1	2	4	6*	9*	10*
	20 +	1,212	21,530,557	9	-	-	1	3	6	12	19	24	41*
	20-24	45	1,229,619	4*	-	-	-	1*	2*	5*	9*	18*	24*
	25-54	627	13,353,242	9	-	-	1	3	6	12	20	26	48*
	55-64	246	3,153,527	10	-	1*	2	4	8	13	18	23*	38*
	65 +	294	3,794,169	9	-	1	2	4	8	12	17	20	28*
	All ages	2,273	29,212,138	9	-	-	1	2	6	11	19	25	52

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C2. Other Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	60	147,665	82*	-	7*	12*	24*	66*	112*	169*	200*	250*
	0.5-0.9	68	190,175	44*	-	2*	4*	10*	33*	65*	95*	106*	147*
	<2	223	682,316	41	-	1*	3	9	24	59	103	130*	200*
	1-3	436	1,232,947	24	-	1	3	8	17	34	52	66	114*
	4-6	353	1,359,674	18	-	1*	3	6	13	25	39	54*	70*
	<6	852	2,390,261	28	-	2	4	8	19	36	62	88	150*
	7-10	143	2,017,378	16	1*	2*	3*	6	13	24	32*	38*	49*
	11-14	119	2,222,149	14	-	1*	3*	6	10	18	29*	37*	59*
	15-19	107	2,303,496	9	-	1*	2*	4	7	11	19*	27*	40*
	20 +	1,371	24,608,285	15	-	1	3	6	13	21	30	39	58
	20-24	66	1,780,146	9	-	1*	1*	3	7	13	20*	23*	30*
	25-54	716	15,202,422	15	-	1	3	6	12	21	30	40	59*
	55-64	267	3,418,529	17	1*	3	5	9	15	21	31	39	52*
	65 +	322	4,207,188	18	1*	3	5	9	16	24	31	37	50*
	All ages	2,657	34,081,769	16	-	1	3	6	12	21	32	41	67

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table C3. Other Sources: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	5	130,533	11*	-	-	-	2*	4*	11*	15*	26*	52*
Indirect	5	129,523	8*	-	-	-	1*	3*	10*	15*	17*	18*
Direct and Indirect	6	146,492	17*	-	-	-	7*	13*	20*	21*	27*	55*
b. Lactating												
Direct	6	159,015	14*	-	-	-	-	10*	17*	23*	25*	27*
Indirect	7	182,414	10*	-	-	2*	3*	4*	16*	20*	22*	24*
Direct and Indirect	7	182,414	22*	-	-	-	6*	16*	33*	42*	43*	44*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	211	5,146,341	9	1*	1*	2	3	6	11	19	23*	36*
Indirect	223	5,473,282	8	-	-	1	2	4	10	19	26*	50*
Direct and Indirect	262	6,265,255	14	-	1*	3	5	10	20	29	37*	54*
d. Women Age 15-44												
Direct	222	5,435,889	9	1*	1*	2	3	6	12	19	25*	36*
Indirect	235	5,785,219	8	-	-	1	2	4	10	19	26*	49*
Direct and Indirect	275	6,594,161	15	-	1*	3	5	10	20	30	41*	54*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:25 M:\PW\OSTWATER\REQ006\R006_F3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table D1. Missing Source: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	7	23,796	6*	-	-	2*	2*	3*	5*	10*	12*	13*
	1-10	116	595,146	9	-	1*	2*	3	6	13	18*	26*	39*
	11-19	31	703,886	8*	-	-	1*	2*	3*	9*	22*	24*	37*
	20 +	136	2,784,243	6	-	1*	1	2	4	7	12	22*	28*
	All ages	290	4,107,071	7	-	1*	1	2	4	8	17	23*	39*
Indirect	< 1	1	1,726	62*	-	-	-	-	-	-	-	-	-
	1-10	15	86,614	3*	-	-	-	1*	3*	5*	9*	9*	10*
	11-19	5	120,086	2*	-	-	-	-	1*	2*	2*	2*	10*
	20 +	42	768,037	6*	-	-	1*	1*	4*	8*	15*	18*	22*
	All ages	63	976,463	5*	-	-	1*	1*	3*	6*	15*	17*	21*
Direct and Indirect	< 1	8	25,522	10*	-	-	2*	2*	3*	7*	13*	26*	54*
	1-10	123	642,445	9	-	1*	1*	3	5	13	21*	26*	46*
	11-19	32	709,206	8*	-	1*	1*	2*	4*	9*	23*	24*	37*
	20 +	161	3,209,132	7	-	1*	1	2	4	9	17	22*	31*
	All ages	324	4,586,305	7	-	1*	1	2	4	9	20	23*	39*
b. Male													
Direct	< 1	11	26,385	5*	-	1*	1*	2*	3*	5*	5*	11*	18*
	1-10	122	624,268	7	-	1*	2*	3	4	9	17*	23*	37*
	11-19	27	692,020	5*	-	1*	1*	3*	4*	8*	10*	11*	12*
	20 +	144	2,834,667	5	-	-	1	2	3	7	11	19*	28*
	All ages	304	4,177,340	6	-	1*	1	2	4	7	11	19*	28*
Indirect	< 1	4	13,999	36*	-	-	-	-	11*	38*	78*	89*	94*
	1-10	24	125,716	13*	-	-	-	2*	5*	9*	30*	43*	90*
	11-19	8	183,430	5*	-	-	-	2*	3*	7*	8*	9*	10*
	20 +	49	885,950	7	-	-	1*	2*	4	9*	17*	20*	24*
	All ages	85	1,209,095	8	-	-	1*	2	4	9	19*	20*	51*
Direct and Indirect	< 1	15	40,384	16*	-	-	1*	2*	4*	19*	27*	67*	92*
	1-10	137	698,637	9	-	1*	1*	3	5	9	20*	29*	59*
	11-19	31	775,340	6*	-	1*	1*	3*	5*	7*	10*	14*	19*
	20 +	168	3,225,441	7	-	-	1	2	4	8	17	23*	38*
	All ages	351	4,739,802	7	-	-	1	2	4	8	17	23*	42*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D1. Missing Source: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	18	50,181	5*	-	1*	2*	2*	3*	5*	11*	13*	18*
	1-10	238	1,219,414	8	-	1*	2	3	5	10	18	26*	39*
	11-19	58	1,395,906	7*	-	1*	1*	2*	4*	8*	11*	22*	34*
	20 +	280	5,618,910	6	-	1	1	2	3	7	12	22	28*
	All ages	594	8,284,411	6	-	1	1	2	4	8	14	22	39*
Indirect	< 1	5	15,725	39*	-	-	-	-	14*	65*	82*	88*	94*
	1-10	39	212,330	9*	-	-	-	1*	3*	7*	22*	33*	76*
	11-19	13	303,516	4*	-	-	-	1*	2*	5*	8*	9*	11*
	20 +	91	1,653,987	7	-	-	1*	2	5	9	16*	19*	24*
	All ages	148	2,185,558	7	-	-	1*	2	4	9	16*	20*	38*
Direct and Indirect	< 1	23	65,906	13*	-	-	1*	2*	3*	11*	20*	70*	89*
	1-10	260	1,341,082	9	-	1*	1	3	5	10	20	28*	48*
	11-19	63	1,484,546	7*	-	1*	1*	2*	4*	8*	17*	23*	33*
	20 +	329	6,434,573	7	-	1	1	2	4	9	17	23	34*
	All ages	675	9,326,107	7	-	1	1	2	4	9	17	23	42*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	2	3,706	2*	-	-	-	-	2*	2*	3*	3*	3*
	0.5-0.9	5	20,090	7*	-	-	-	3*	3*	7*	11*	12*	13*
	<2	18	62,942	8*	-	2*	2*	3*	5*	11*	15*	16*	17*
	1-3	52	154,808	8*	1*	2*	2*	3*	5*	9*	15*	24*	36*
	4-6	43	155,276	12*	-	1*	2*	3*	8*	14*	28*	36*	44*
	<6	95	309,534	10	1*	2*	2*	3	7	10	26*	32*	42*
	7-10	21	285,062	8*	-	1*	1*	3*	5*	15*	15*	19*	22*
	11-14	15	287,517	6*	-	-	1*	2*	3*	8*	20*	21*	21*
	15-19	16	416,369	9*	-	-	1*	1*	3*	8*	24*	31*	38*
	20 +	136	2,784,243	6	-	1*	1	2	4	7	12	22*	28*
	20-24	11	305,485	8*	-	-	2*	2*	3*	5*	18*	23*	27*
	25-54	82	1,823,434	7	-	1*	1*	2	4	7	13*	22*	33*
	55-64	18	312,729	5*	-	2*	2*	2*	3*	7*	10*	11*	11*
	65 +	25	342,595	4*	-	1*	1*	1*	2*	6*	10*	11*	19*
	All ages	290	4,107,071	7	-	1*	1	2	4	8	17	23*	39*
Indirect	0.5-0.9	1	1,726	62*	-	-	-	-	-	-	-	-	-
	<2	3	10,726	14*	-	-	-	-	-	5*	26*	44*	58*
	1-3	9	30,682	4*	-	-	1*	2*	3*	4*	7*	10*	11*
	4-6	3	14,489	6*	-	-	-	-	4*	7*	9*	9*	9*
	<6	13	46,897	7*	-	1*	2*	2*	4*	7*	9*	10*	48*
	7-10	3	41,443	2*	-	-	-	-	-	2*	4*	5*	5*
	11-14	3	64,040	2*	-	-	-	-	-	1*	2*	6*	11*
	15-19	2	56,046	2*	-	-	-	-	1*	2*	2*	2*	2*
	20 +	42	768,037	6*	-	-	1*	1*	4*	8*	15*	18*	22*
	20-24	3	61,209	3*	-	-	-	-	2*	3*	3*	3*	3*
	25-54	19	377,524	6*	-	-	-	1*	5*	7*	12*	15*	23*
	55-64	5	76,846	7*	-	-	-	-	5*	7*	11*	15*	19*
	65 +	15	252,458	7*	-	1*	1*	2*	5*	9*	17*	19*	20*
	All ages	63	976,463	5*	-	-	1*	1*	3*	6*	15*	17*	21*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	2	3,706	2*	-	-	-	-	2*	2*	3*	3*	3*
	0.5-0.9	6	21,816	11*	-	-	-	3*	3*	8*	13*	31*	55*
	<2	20	67,998	9*	-	2*	2*	3*	5*	11*	16*	19*	46*
	1-3	58	176,518	8*	1*	2*	2*	3*	5*	9*	15*	23*	35*
	4-6	43	155,276	12*	-	1*	2*	3*	8*	14*	29*	43*	48*
	<6	102	332,970	10	1*	2*	2*	3	6	10	26*	33*	48*
	7-10	22	310,651	8*	-	-	1*	2*	4*	14*	15*	22*	24*
	11-14	16	292,837	7*	-	-	1*	2*	3*	8*	20*	21*	22*
	15-19	16	416,369	9*	-	-	1*	1*	4*	8*	24*	31*	38*
	20 +	161	3,209,132	7	-	1*	1	2	4	9	17	22*	31*
	20-24	13	345,494	7*	-	-	2*	2*	3*	5*	18*	23*	27*
	25-54	91	1,993,646	7	-	1*	1*	2	4	9	16*	22*	33*
	55-64	21	352,717	6*	-	2*	2*	2*	3*	8*	13*	16*	19*
	65 +	36	517,275	6*	-	1*	1*	1*	3*	9*	17*	21*	26*
	All ages	324	4,586,305	7	-	1*	1	2	4	9	20	23*	39*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	5	12,318	4*	-	-	-	3*	4*	5*	5*	5*	5*
	0.5-0.9	6	14,067	5*	-	-	1*	1*	2*	3*	10*	15*	19*
	<2	28	111,784	9*	1*	2*	2*	3*	5*	9*	22*	25*	37*
	1-3	58	196,351	9*	-	1*	2*	3*	6*	10*	23*	26*	40*
	4-6	50	224,627	7*	-	2*	2*	3*	5*	8*	16*	21*	31*
	<6	109	378,763	8	1*	2*	2*	2	5	10	18*	24*	40*
	7-10	14	203,290	6*	-	-	1*	3*	3*	4*	12*	17*	20*
	11-14	13	303,574	6*	-	-	1*	3*	5*	8*	10*	10*	12*
	15-19	14	388,446	5*	-	1*	1*	3*	4*	6*	9*	10*	11*
	20 +	144	2,834,667	5	-	-	1	2	3	7	11	19*	28*
	20-24	16	400,942	6*	-	-	-	2*	4*	9*	11*	11*	11*
	25-54	81	1,808,510	5	-	-	1*	1	3	7	14*	22*	28*
	55-64	21	272,640	3*	-	-	1*	1*	1*	4*	8*	9*	11*
	65 +	26	352,575	6*	-	-	1*	1*	2*	8*	14*	22*	28*
	All ages	304	4,177,340	6	-	1*	1	2	4	7	11	19*	28*
Indirect	<0.5	1	982	95*	-	-	-	-	-	-	-	-	-
	0.5-0.9	3	13,017	32*	-	-	-	-	9*	24*	61*	74*	84*
	<2	10	42,234	31*	-	-	1*	1*	10*	40*	95*	103*	109*
	1-3	17	62,743	21*	-	1*	1*	2*	7*	27*	43*	60*	100*
	4-6	4	13,267	8*	-	-	-	-	6*	9*	14*	16*	18*
	<6	24	87,267	22*	-	1*	1*	2*	8*	26*	44*	93*	107*
	7-10	3	49,706	3*	-	-	-	-	1*	4*	6*	7*	7*
	11-14	2	32,246	6*	-	-	-	-	-	6*	7*	7*	7*
	15-19	6	151,184	4*	-	-	-	1*	3*	5*	9*	9*	10*
	20 +	49	885,950	7	-	-	1*	2*	4	9*	17*	20*	24*
	20-24	2	85,388	7*	-	-	-	-	-	7*	9*	10*	11*
	25-54	30	609,505	7*	-	-	1*	2*	4*	8*	17*	20*	23*
	55-64	5	54,387	7*	-	-	-	-	4*	12*	15*	15*	15*
	65 +	12	136,670	11*	-	-	-	2*	7*	16*	18*	19*	51*
	All ages	85	1,209,095	8	-	-	1*	2	4	9	19*	20*	51*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	6	13,300	11*	-	-	2*	3*	4*	5*	5*	34*	83*
	0.5-0.9	9	27,084	18*	-	-	-	1*	2*	20*	34*	60*	81*
	<2	35	135,202	18*	-	1*	2*	3*	7*	19*	38*	82*	117*
	1-3	68	225,955	14*	-	1*	2*	3*	7*	13*	33*	44*	100*
	4-6	53	235,152	7*	-	1*	2*	3*	5*	8*	16*	20*	31*
	<6	126	432,891	11	1*	1*	2*	2	5	10	27*	42*	94*
	7-10	16	237,530	5*	-	-	-	2*	4*	7*	10*	16*	20*
	11-14	14	324,873	6*	-	-	1*	3*	5*	8*	10*	11*	14*
	15-19	17	450,467	6*	-	-	1*	2*	4*	7*	10*	15*	19*
	20 +	168	3,225,441	7	-	-	1	2	4	8	17	23*	38*
	20-24	16	400,942	7*	-	-	-	2*	4*	11*	14*	16*	17*
	25-54	96	2,087,768	7	-	-	1*	2	4	7	18*	24*	35*
	55-64	24	317,585	4*	-	-	1*	1*	1*	6*	9*	11*	23*
	65 +	32	419,146	9*	-	1*	1*	1*	2*	10*	19*	28*	52*
	All ages	351	4,739,802	7	-	-	1	2	4	8	17	23*	42*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	7	16,024	4*	-	-	-	2*	4*	5*	5*	5*	5*
	0.5-0.9	11	34,157	6*	-	1*	1*	2*	3*	6*	12*	15*	19*
	<2	46	174,726	9*	1*	2*	2*	3*	5*	11*	18*	23*	34*
	1-3	110	351,159	9	1*	2*	2*	3	6	10	21*	26*	38*
	4-6	93	379,903	9	1*	1*	2*	3	6	10	23*	30*	44*
	<6	204	688,297	9	1*	2*	2	3	6	10	19	26*	42*
	7-10	35	488,352	7*	-	1*	1*	3*	4*	12*	15*	19*	22*
	11-14	28	591,091	6*	-	1*	1*	2*	5*	8*	10*	19*	21*
	15-19	30	804,815	7*	-	1*	1*	2*	4*	8*	15*	24*	36*
	20 +	280	5,618,910	6	-	1	1	2	3	7	12	22	28*
	20-24	27	706,427	6*	-	-	-	2*	4*	9*	11*	16*	26*
	25-54	163	3,631,944	6	-	-	1	2	3	7	13	22*	34*
	55-64	39	585,369	4*	-	1*	1*	2*	3*	6*	9*	11*	11*
	65 +	51	695,170	5	-	1*	1*	1	2	7	12*	17*	27*
	All ages	594	8,284,411	6	-	1	1	2	4	8	14	22	39*
Indirect	<0.5	1	982	95*	-	-	-	-	-	-	-	-	-
	0.5-0.9	4	14,743	35*	-	-	-	-	12*	56*	76*	81*	86*
	<2	13	52,960	28*	-	-	1*	2*	5*	38*	85*	101*	108*
	1-3	26	93,425	15*	-	1*	2*	2*	4*	20*	39*	44*	95*
	4-6	7	27,756	7*	-	-	-	2*	7*	9*	11*	14*	17*
	<6	37	134,164	17*	-	1*	1*	2*	6*	19*	43*	75*	105*
	7-10	6	91,149	3*	-	-	-	-	1*	3*	6*	7*	7*
	11-14	5	96,286	3*	-	-	-	-	1*	4*	7*	8*	12*
	15-19	8	207,230	4*	-	-	-	1*	2*	3*	8*	9*	10*
	20 +	91	1,653,987	7	-	-	1*	2	5	9	16*	19*	24*
	20-24	5	146,597	5*	-	-	-	2*	3*	3*	8*	10*	11*
	25-54	49	987,029	6	-	-	1*	1*	4	8*	15*	19*	25*
	55-64	10	131,233	7*	-	-	-	2*	6*	9*	15*	16*	19*
	65 +	27	389,128	8*	-	1*	1*	2*	6*	14*	18*	20*	34*
	All ages	148	2,185,558	7	-	-	1*	2	4	9	16*	20*	38*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D2. Missing Source: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	8	17,006	9*	-	-	-	3*	4*	5*	5*	17*	80*
	0.5-0.9	15	48,900	15*	-	-	1*	2*	3*	16*	27*	69*	83*
	<2	55	203,200	15*	-	1*	2*	3*	5*	14*	27*	69*	112*
	1-3	126	402,473	11	1*	2*	2*	3	6	10	27*	36*	77*
	4-6	96	390,428	9	1*	1*	2*	3	6	10	23*	31*	48*
	<6	228	765,861	11	1*	2*	2	3	6	10	27	36*	79*
	7-10	38	548,181	7*	-	-	1*	2*	4*	11*	15*	19*	24*
	11-14	30	617,710	6*	-	1*	1*	2*	5*	8*	12*	19*	22*
	15-19	33	866,836	7*	-	1*	1*	1*	4*	8*	20*	24*	36*
	20 +	329	6,434,573	7	-	1	1	2	4	9	17	23	34*
	20-24	29	746,436	7*	-	-	-	2*	4*	10*	17*	18*	26*
	25-54	187	4,081,414	7	-	-	1	2	4	8	18	23*	34*
	55-64	45	670,302	5*	-	1*	1*	2*	3*	7*	11*	15*	20*
	65 +	68	936,421	7	-	1*	1*	1	3	9	19*	26*	44*
	All ages	675	9,326,107	7	-	1	1	2	4	9	17	23	42*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table D3. Missing Source: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	2	62,335	20*	-	-	-	-	11*	20*	25*	26*	28*
Direct and Indirect	2	62,335	20*	-	-	-	-	11*	20*	25*	26*	28*
b. Lactating												
Direct	4	81,473	11*	-	-	-	4*	8*	10*	16*	18*	20*
Indirect	2	58,554	1*	-	-	-	-	1*	1*	1*	1*	1*
Direct and Indirect	5	117,029	8*	-	-	-	-	5*	8*	15*	18*	21*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	73	1,833,841	7*	-	1*	1*	2*	3*	7*	19*	24*	39*
Indirect	15	312,343	4*	-	-	-	1*	3*	6*	10*	10*	23*
Direct and Indirect	79	1,936,623	8	-	1*	1*	2*	3	8*	22*	24*	39*
d. Women Age 15-44												
Direct	78	1,959,495	8	-	1*	1*	2*	4	8*	22*	27*	39*
Indirect	17	370,897	4*	-	-	-	1*	2*	5*	9*	10*	21*
Direct and Indirect	85	2,097,833	8	-	1*	1*	2	4	9	22*	28*	39*

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:25 M:\PW\OSTWATER\REQ006\R006_F3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Table E1. All Sources: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	< 1	347	862,823	20	2*	2*	3	6	12	24	41	64*	113*
	1-10	3,338	16,520,524	19	1	3	4	8	15	26	39	50	83
	11-19	734	14,803,317	12	1*	2	2	5	9	16	24	31	56*
	20 +	4,064	84,905,084	13	1	2	3	6	10	17	26	31	52
	All ages	8,483	117,091,748	14	1	2	3	6	11	18	27	34	62
Indirect	< 1	575	1,430,139	79	1*	3	7	35	71	113	156	182	283*
	1-10	3,480	16,679,889	9	-	-	1	3	6	12	20	27	48
	11-19	706	14,053,680	5	-	-	-	1	3	6	11	15	23*
	20 +	4,306	90,301,970	9	-	1	2	4	7	13	19	24	39
	All ages	9,067	122,465,678	10	-	1	1	3	7	12	19	26	56
Direct and Indirect	< 1	615	1,543,465	84	2*	6	9	31	75	118	171	199	290*
	1-10	3,721	18,158,460	26	1	4	7	12	21	33	50	65	102
	11-19	798	16,039,089	15	-	2	4	7	13	20	29	36	56*
	20 +	4,421	92,737,736	21	2	5	7	12	18	27	37	45	69
	All ages	9,555	128,478,750	22	1	4	6	11	18	28	39	50	90
b. Male													
Direct	< 1	342	877,449	18	2*	2*	4	6	12	22	38	57*	92*
	1-10	3,437	17,525,503	19	2	3	4	8	14	25	38	49	78
	11-19	740	15,380,750	13	1*	2	2	5	9	16	25	35	65*
	20 +	4,265	79,639,289	11	1	2	2	5	9	15	23	30	50
	All ages	8,784	113,422,991	13	1	2	3	5	10	16	26	35	63
Indirect	< 1	544	1,399,446	75	1*	3	7	35	67	105	141	171	250*
	1-10	3,565	17,518,544	9	-	-	1	3	6	12	21	29	50
	11-19	718	15,071,630	5	-	-	-	2	3	6	11	15	25*
	20 +	4,541	83,922,512	9	-	1	1	3	7	11	18	23	44
	All ages	9,368	117,912,132	9	-	-	1	3	6	11	18	25	60
Direct and Indirect	< 1	589	1,512,928	80	2*	6	11	34	70	109	153	181	273*
	1-10	3,862	19,376,469	25	1	4	6	12	21	33	49	62	95
	11-19	794	16,633,487	16	1*	3	4	8	13	21	32	42	68*
	20 +	4,709	87,605,178	19	1	4	6	10	16	24	34	43	67
	All ages	9,954	125,128,062	20	1	4	6	10	16	25	38	50	86

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E1. All Sources: Gender by Broad Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	< 1	689	1,740,272	19	2*	2	3	6	12	24	39	62	110*
	1-10	6,775	34,046,027	19	1	3	4	8	15	25	38	49	81
	11-19	1,474	30,184,067	12	1*	2	2	5	9	16	24	32	60*
	20 +	8,329	164,544,373	12	1	2	3	5	10	16	25	31	51
	All ages	17,267	230,514,739	13	1	2	3	5	10	17	27	35	62
Indirect	< 1	1,119	2,829,585	77	1*	3	7	35	69	109	147	176	269*
	1-10	7,045	34,198,433	9	-	-	1	3	6	12	20	28	49
	11-19	1,424	29,125,310	5	-	-	-	1	3	6	11	15	25*
	20 +	8,847	174,224,482	9	-	1	1	4	7	12	18	24	41
	All ages	18,435	240,377,810	9	-	-	1	3	7	12	19	26	59
Direct and Indirect	< 1	1,204	3,056,393	82	2*	6	10	33	73	114	164	195	289*
	1-10	7,583	37,534,929	26	1	4	7	12	21	33	50	63	99
	11-19	1,592	32,672,576	16	-	3	4	7	13	20	31	39	64*
	20 +	9,130	180,342,914	20	1	4	7	11	17	26	36	44	68
	All ages	19,509	253,606,812	21	1	4	6	11	17	26	38	50	87

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 13SEP01 16:52 M:\PW\OSTWATER\REQ006\R006_F1.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct	<0.5	139	335,909	21	1*	2*	2*	7	12	21	42*	92*	119*
	0.5-0.9	208	526,914	19	2*	2*	3	6	11	25	41	52*	89*
	<2	752	2,415,451	22	2*	3	4	8	16	28	43	60	111*
	1-3	1,556	4,847,872	23	2*	4	5	10	17	30	45	59	105*
	4-6	1,321	5,153,304	21	2*	3	5	9	17	28	43	53	84*
	<6	3,003	9,154,780	22	2	3	5	9	17	29	43	57	97
	7-10	461	6,519,348	15	1*	3	4	7	11	20	30	37	58*
	11-14	367	7,110,202	11	-	2*	2	5	9	14	22	26*	49*
	15-19	367	7,693,115	12	1*	2*	2	4	9	17	25	32*	57*
	20 +	4,064	84,905,084	13	1	2	3	6	10	17	26	31	52
	20-24	290	8,045,255	15	1*	2	2	5	10	16	27	37	79*
	25-54	2,109	49,830,039	13	1	2	3	5	10	17	26	32	50
	55-64	693	10,328,573	13	1*	2	3	6	10	17	25	30	47*
	65 +	972	16,701,217	13	1*	2	4	7	11	17	24	28	39*
	All ages	8,483	117,091,748	14	1	2	3	6	11	18	27	34	62
Indirect	<0.5	264	626,273	107	1*	7*	13	64	106	142	184	232*	308*
	0.5-0.9	311	803,866	57	-	2*	5	15	54	82	112	141*	178*
	<2	1,029	3,190,682	44	-	1	3	7	20	68	118	150	233*
	1-3	1,676	5,225,476	13	-	1	2	4	9	17	29	38	73*
	4-6	1,358	5,281,998	9	-	-	1	3	6	12	19	25	38*
	<6	3,381	10,184,697	21	-	1	1	4	9	20	54	96	169
	7-10	446	6,172,415	6	-	-	1	2	4	9	15	18	25*
	11-14	349	6,601,514	5	-	-	-	1	4	7	11	13*	21*
	15-19	357	7,452,166	4	-	-	-	1	3	6	10	16*	24*
	20 +	4,306	90,301,970	9	-	1	2	4	7	13	19	24	39
	20-24	319	8,647,213	6	-	-	1	2	4	9	14	18	28*
	25-54	2,253	53,414,914	10	-	1	1	3	7	13	20	26	44
	55-64	729	10,979,658	10	1*	2	3	5	8	13	19	24	38*
	65 +	1,005	17,260,185	10	-	2	3	5	9	13	17	22	33*
	All ages	9,067	122,465,678	10	-	1	1	3	7	12	19	26	56

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Female													
Direct and Indirect	<0.5	291	700,004	106	2*	5*	9	45	100	147	194	243*	335*
	0.5-0.9	324	843,461	66	2*	6*	9	26	58	94	123	168*	206*
	<2	1,105	3,454,603	56	1*	5	9	18	36	78	126	169	247*
	1-3	1,775	5,564,866	32	1*	5	9	15	26	41	61	80	128*
	4-6	1,457	5,730,080	27	1*	4	7	13	22	36	52	66	98*
	<6	3,598	10,898,783	38	1	5	8	16	27	47	79	111	189
	7-10	489	6,863,514	20	1*	4	6	10	17	26	36	45	70*
	11-14	395	7,608,976	15	-	2*	4	7	13	19	28	36*	51*
	15-19	403	8,430,113	15	-	2	4	7	12	20	29	37	58*
	20 +	4,421	92,737,736	21	2	5	7	12	18	27	37	45	69
	20-24	337	9,161,874	19	-	3	5	9	15	22	33	42	89*
	25-54	2,319	54,890,324	21	1	4	7	11	18	27	38	47	69
	55-64	740	11,100,632	22	2*	6	9	14	20	28	38	43	59*
	65 +	1,025	17,584,906	22	5*	8	10	14	20	27	35	41	54*
	All ages	9,555	128,478,750	22	1	4	6	11	18	28	39	50	90

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct	<0.5	135	342,736	19	2*	3*	4*	7	13	22	33*	63*	108*
	0.5-0.9	207	534,713	17	1*	2*	3	6	10	23	38	44*	82*
	<2	751	2,577,375	19	2*	3	4	8	14	25	39	52	90*
	1-3	1,581	5,195,196	22	2*	4	5	9	17	29	43	56	90*
	4-6	1,361	5,252,570	21	2*	3	5	9	17	28	43	57	83*
	<6	3,036	9,615,759	21	2	3	5	9	16	28	43	58	89
	7-10	495	7,077,737	15	1*	3	4	7	12	20	30	36	52*
	11-14	368	7,049,861	14	1*	2*	3	6	10	17	28	40*	59*
	15-19	372	8,330,889	12	1*	2*	2	5	9	15	22	28*	68*
	20 +	4,265	79,639,289	11	1	2	2	5	9	15	23	30	50
	20-24	301	8,358,993	13	-	1	2	4	9	17	28	43	74*
	25-54	2,238	50,825,693	11	1	2	2	5	9	14	23	31	49
	55-64	691	8,480,221	10	1*	1	2	5	8	14	21	25	35*
	65 +	1,035	11,974,382	11	1*	2	3	6	10	15	21	26	35*
	All ages	8,784	113,422,991	13	1	2	3	5	10	16	26	35	63
Indirect	<0.5	257	645,173	101	1*	7*	21	59	93	134	172	214*	288*
	0.5-0.9	287	754,273	52	1*	2*	4	21	51	77	105	122*	141*
	<2	996	3,240,848	41	-	1	2	7	18	62	109	135	214*
	1-3	1,709	5,616,021	12	-	1	1	4	9	16	28	36	68*
	4-6	1,387	5,309,232	9	-	-	1	3	6	13	21	29	42*
	<6	3,394	10,641,400	20	-	1	1	4	9	19	51	83	153
	7-10	469	6,593,291	7	-	-	1	2	5	9	14	20	30*
	11-14	363	7,024,018	5	-	-	-	2	4	7	13	17*	25*
	15-19	355	8,047,612	5	-	-	-	2	3	6	10	14*	30*
	20 +	4,541	83,922,512	9	-	1	1	3	7	11	18	23	44
	20-24	295	8,140,991	6	-	-	1	2	4	9	14	17	25*
	25-54	2,394	53,644,056	9	-	1	1	3	7	12	19	25	49
	55-64	764	9,408,366	10	-	2	3	5	8	12	18	25	40*
	65 +	1,088	12,729,099	9	1*	2	3	5	8	12	17	20	29*
	All ages	9,368	117,912,132	9	-	-	1	3	6	11	18	25	60

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
b. Male													
Direct and Indirect	<0.5	282	708,294	101	2*	7*	15	55	94	136	178	224*	303*
	0.5-0.9	307	804,634	60	2*	4*	10	27	58	84	116	135*	169*
	<2	1,079	3,549,751	51	1*	4	8	17	34	70	116	145	225*
	1-3	1,827	6,049,728	30	1*	4	7	14	26	39	59	73	116*
	4-6	1,503	5,751,688	28	1*	5	8	14	24	37	54	69	96*
	<6	3,647	11,456,976	36	1	4	7	15	27	44	75	101	165
	7-10	532	7,575,053	20	1*	4	6	10	17	26	36	45	64*
	11-14	391	7,502,076	18	1*	3*	4	8	14	23	37	44*	64*
	15-19	403	9,131,411	15	-	3	4	7	11	18	29	39	71*
	20 +	4,709	87,605,178	19	1	4	6	10	16	24	34	43	67
	20-24	331	9,062,650	17	-	1	3	7	14	22	35	45	75*
	25-54	2,494	56,048,495	19	1	4	6	10	16	24	35	45	68
	55-64	773	9,545,569	19	1*	6	7	11	17	24	32	39	63*
	65 +	1,111	12,948,464	19	3*	6	8	12	18	25	32	37	50*
	All ages	9,954	125,128,062	20	1	4	6	10	16	25	38	50	86

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct	<0.5	274	678,645	20	2*	2*	3	7	12	22	39	80*	119*
	0.5-0.9	415	1,061,627	18	2*	2	3	6	10	24	39	49	86*
	<2	1,503	4,992,826	20	2*	3	4	8	14	26	42	57	106*
	1-3	3,137	10,043,068	22	2	4	5	10	17	29	43	57	96
	4-6	2,682	10,405,874	21	2	3	5	9	17	28	43	55	83
	<6	6,039	18,770,539	22	2	3	5	9	17	28	43	57	93
	7-10	956	13,597,085	15	1*	3	4	7	12	20	30	37	52*
	11-14	735	14,160,063	13	1*	2	3	5	10	16	25	34	51*
	15-19	739	16,024,004	12	1*	2	2	4	9	16	24	31	65*
	20 +	8,329	164,544,373	12	1	2	3	5	10	16	25	31	51
	20-24	591	16,404,248	14	-	1	2	5	10	16	27	41	76*
	25-54	4,347	100,655,732	12	1	2	3	5	9	16	25	32	50
	55-64	1,384	18,808,794	12	1	2	3	5	9	16	23	28	39
	65 +	2,007	28,675,599	12	1	2	3	6	10	16	23	27	38
	All ages	17,267	230,514,739	13	1	2	3	5	10	17	27	35	62
Indirect	<0.5	521	1,271,446	104	1*	7	21	62	98	137	176	217	293*
	0.5-0.9	598	1,558,139	54	1*	2	5	17	53	81	107	127	170*
	<2	2,025	6,431,530	42	-	1	2	7	20	64	114	142	221
	1-3	3,385	10,841,497	13	-	1	1	4	9	17	28	37	68
	4-6	2,745	10,591,230	9	-	-	1	3	6	12	20	26	41
	<6	6,775	20,826,097	20	-	1	1	4	9	20	53	90	164
	7-10	915	12,765,706	7	-	-	1	2	4	9	15	19	29*
	11-14	712	13,625,532	5	-	-	-	2	4	7	12	15	25*
	15-19	712	15,499,778	5	-	-	-	1	3	6	10	15	25*
	20 +	8,847	174,224,482	9	-	1	1	4	7	12	18	24	41
	20-24	614	16,788,204	6	-	-	1	2	4	9	14	18	26*
	25-54	4,647	107,058,970	9	-	1	1	3	7	12	19	26	47
	55-64	1,493	20,388,024	10	-	2	3	5	8	13	18	25	38
	65 +	2,093	29,989,284	9	-	2	3	5	8	13	17	21	33
	All ages	18,435	240,377,810	9	-	-	1	3	7	12	19	26	59

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E2. All Sources: Gender by Fine Age Categories
Consumers Only

				Milliliters/Kg of Body Weight/Day									
Gender	Age	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
c. Both sexes													
Direct and Indirect	<0.5	573	1,408,298	104	2*	6	11	54	98	141	191	234	316*
	0.5-0.9	631	1,648,095	63	2*	5	10	27	58	88	120	152	198*
	<2	2,184	7,004,354	53	1	5	8	17	35	74	120	156	236
	1-3	3,602	11,614,594	31	1	4	7	15	26	40	60	75	120
	4-6	2,960	11,481,768	28	1	4	7	14	23	36	53	68	98
	<6	7,245	22,355,759	37	1	4	8	15	27	46	77	106	176
	7-10	1,021	14,438,567	20	1*	4	6	10	17	26	36	45	68*
	11-14	786	15,111,052	16	1*	3	4	8	14	21	33	40	60*
	15-19	806	17,561,524	15	-	2	4	7	12	19	29	38	66*
	20 +	9,130	180,342,914	20	1	4	7	11	17	26	36	44	68
	20-24	668	18,224,524	18	-	2	4	8	14	22	34	44	86*
	25-54	4,813	110,938,819	20	1	4	6	11	17	26	37	46	69
	55-64	1,513	20,646,201	20	2	6	8	12	18	26	35	42	59
	65 +	2,136	30,533,370	21	4	7	9	13	19	27	34	39	54
	All ages	19,509	253,606,812	21	1	4	6	11	17	26	38	50	87

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 18FEB04 12:20 M:\PW\OSTWATER\REQ006\R006_F4.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 757 individuals did not report body weight. They represent 6,314,627 individuals in the population.

Table E3. All Sources: Pregnant, Lactating, and Childbearing Age Women Categories
Consumers Only

			Milliliters/Kg of Body Weight/Day									
Women Categories	Sampsize	Population	Mean	P1	P5	P10	P25	P50	P75	P90	P95	P99
a. Pregnant												
Direct	61	1,545,974	16*	-	2*	3*	7*	16*	23*	29*	31*	33*
Indirect	66	1,661,169	7*	-	-	1*	2*	4*	9*	16*	17*	19*
Direct and Indirect	69	1,728,389	21*	-	3*	5*	10*	19*	29*	39*	44*	61*
b. Lactating												
Direct	35	959,364	20*	-	1*	4*	9*	17*	31*	39*	47*	52*
Indirect	39	1,114,793	12*	-	-	2*	3*	7*	13*	23*	26*	63*
Direct and Indirect	40	1,141,186	28*	-	6*	9*	12*	25*	41*	53*	57*	70*
c. Non-Pregnant and Non-Lactating Women Age 15-44												
Direct	1,921	48,815,413	13	1*	2	3	5	10	16	26	33	64*
Indirect	2,041	51,736,453	8	-	-	1	2	6	11	18	23	38
Direct and Indirect	2,149	54,286,950	19	1	3	5	9	16	25	35	46	77
d. Women Age 15-44												
Direct	2,017	51,318,687	13	1	2	3	5	10	17	27	33	63
Indirect	2,145	54,494,261	8	-	-	1	2	6	11	18	23	39
Direct and Indirect	2,258	57,154,461	20	1	3	5	9	16	25	36	46	77

Source of data: 1994-1996, 1998 USDA Continuing Survey of Food Intakes by Individuals(CSFII) 10MAR03 15:25 M:\PW\OSTWATER\REQ006\R006_F3.LST
Estimates are based on 2-day averages.
All estimates exclude commercial and biological water.
-: Means zero.
*: The sample size does not meet minimum reporting requirements as described in the "Third Report on Nutrition Monitoring in the United States."
NOTE: 57 individuals did not report body weight. They represent 1,415,151 individuals in the population.

Appendix F
SAB Report and EPA Response

Appendix F includes the results of a review of the July 1999 version of this report by the Drinking Water Intake Subcommittee (DWIS), a special subcommittee of the EPA SAB. The OST's response follows at the end of the appendix.

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United States Environmental Protection Agency
Science Advisory Board (1400A) Washington DC
EPA-SAB-EC-00-003
December 1999
www.epa.gov/sab

AN SAB REPORT ON EPA's *Per Capita* Water Ingestion Estimates for the United States

A Review by the Executive Committees' Drinking Water Ingestion Subcommittee

ABSTRACT

The Drinking Water Intake Subcommittee (DWIS) of the Science Advisory Board's (SAB) Executive Committee reviewed a report on the *Estimated Per Capita Water Consumption in the United States.* The document presents estimates of drinking water ingestion for the total U.S. population and a number of subgroups of interest. Estimates are given for many age, gender, and other descriptors. The Subcommittee was pleased with the report's use of a substantial existing data base to improve upon the current EPA estimates for drinking water ingestion. The current Report is largely descriptive and contains little discussion of factors embedded within the original survey and the Agency's analytical method for deriving estimates that inform the reader of important factors that should guide use of the estimates. The Subcommittee noted its desire to see a greater level of discussion on these elements so that unintended misuse of the data can be minimized.

Keywords: Drinking water ingestion, exposure factors, drinking water consumption, drinking water intake.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF THE ADMINISTRATOR
SCIENCE ADVISORY BOARD

December 20, 1999

EPA-SAB-EC-00-003

The Honorable Carol Browner
Administrator
United States Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

Subject: An SAB Report on EPA's *Per Capita Water Ingestion in the United States*

Dear Ms. Browner:

This report presents the results of a review by the Drinking Water Intake Subcommittee, a special subcommittee established by the EPA Science Advisory Board (SAB) Executive Committee in response to a request from the Agency's Office of Water to review its report entitled *Estimated Per Capita Water Consumption in the United States*. The review was carried out during two meetings with representatives of the Agency during July 1999. The Subcommittee concluded that the EPA report will be an important reference with extensive utility both inside and outside the Environmental Protection Agency. In addition, the Subcommittee believes that the U.S. Department of Agriculture's (USDA) Continuing Survey of Food Intake by Individuals (CSFII) was the best available information source for the Agency to use in developing its estimates of drinking water ingestion by the U. S. population. The CSFII also provides a valid data set for estimating water ingestion for a limited number of subgroups within the population. However, the Subcommittee has concerns about the descriptive nature of the EPA report because it contains no explicit discussion of how these estimates might reasonably be used by the Agency in its scientific assessment and policy considerations.

Even though the report will be invaluable in providing information about the distribution of water consumption among the general population, it may be of limited value in providing information about the drinking water consumption of certain subpopulations that may be of interest to the Agency and to other users of the report. However, this limitation is due to the characteristics of the CSFII survey and not because of the Agency's analysis and interpretation of the data. The CSFII survey was aimed at characterizing the food intake of the general population and was not designed to gather information on specific subgroups or situations (e.g., very young children, Native Americans, individuals with diseases which impact their water consumption or workers in hot environments). As a result, although specific groups of interest are represented in the survey in proportion to their occurrence in the general population, the information needed to identify them may not be present and, even when it is, the sample sizes in the subgroups that can be identified are often too small to provide useful information on their water intake (e.g., for young children in certain ethnic or socioeconomic groups). Further, even though Native Americans are represented in the survey, the information gathered in CSFII does not allow one to differentiate which of the Native Americans who were included in the survey follow traditional Native American culture and lifestyle and which of them practice contemporary urban and suburban lifestyles.

Several approaches are possible if the Agency finds that it needs information on the distribution of water intake in subgroups, or for situations that are not adequately described by CSFII. One is to commission special surveys designed to gather the needed information about these groups. A second approach would be to rely on current understanding of the physiological need for water by individuals in different situations (e.g., developmental stages, physiological states, or environments) to characterize the likely water consumption and then to couple this information with survey information on the distribution of these developmental stages, physiological states, and environments in the population. Each approach has its strengths and weaknesses.

The draft report could be considerably strengthened, and the potential for misinterpretation of its findings could be reduced substantially, if the Agency provided information on the statistical significance of differences in water consumption between major subgroups of the population. Without such information, users of the report may be inclined to emphasize the differences in water consumption among subgroups which may in fact be artifacts of small sample sizes.

The SAB is prepared to provide additional review and assistance as EPA further develops these estimates. We look forward to the response to these comments from the Assistant Administrator for the Office of Water.

Sincerely,

Dr. Joan M. Daisey, Chair
Science Advisory Board

Dr. Henry Anderson, Cochairman
Drinking Water Intake Subcommittee
Science Advisory Board

Dr. Richard Bull, Cochairman
Drinking Water Intake Subcommittee
Science Advisory Board

NOTICE

This report has been written as part of the activities of the Science Advisory Board, a public advisory group providing extramural scientific information and advice to the Administrator and other officials of the Environmental Protection Agency. The Board is structured to provide balanced, expert assessment of scientific matters related to problems facing the Agency. This report has not been reviewed for approval by the Agency and, hence, the contents of this report do not necessarily represent the views and policies of the Environmental Protection Agency, nor of other agencies in the Executive Branch of the Federal government, nor does mention of trade names or commercial products constitute a recommendation for use.

Distribution and Availability: This Science Advisory Board report is provided to the EPA Administrator, senior Agency management, appropriate program staff, interested members of the public, and is posted on the SAB website (www.epa.gov/sab). Information on its availability is also provided in the SAB's monthly newsletter (*Happenings at the Science Advisory Board*). Additional copies and further information are available from the SAB staff.

U.S. Environmental Protection Agency
Science Advisory Board
Drinking Water Intake Subcommittee
Panel for Review of the EPA Report on Drinking Water Consumption
July 8 and 19-20, 1999

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1. EXECUTIVE SUMMARY AND CONCLUSIONS

The U. S. Environmental Protection Agency's (EPA) Science Advisory Board (SAB) was asked to perform a peer review of the Agency report *Estimated Per Capita Water Consumption in the United States* (hereafter referred to as the Report). The SAB Executive Committee established the Drinking Water Intake Subcommittee (DWIS) to conduct this review. The DWIS reviewed the Report during two meetings: one, a telephone conference meeting, on July 8, 1999 and the other, a face-to-face meeting, on July 19 to 20, 1999. Major Subcommittee comments on the EPA Report are contained below in this SAB report. Specific responses to the 11 charge questions are provided in Appendix A to this SAB report.

EPA is commended for seeking out databases that can be used for estimating ingestion of drinking water on a national scale. The database selected as the analytic basis for the report, the U. S. Department of Agriculture's Continuing Survey of Food Intake by Individuals (hereafter, the CSFII or the Survey), is the best available and has critical attributes that allow advancement of our understanding of ingestion of water by the general population of the United States. The Agency's efforts to develop ingestion estimates from the CSFII survey data were significant.

The committee believes that the EPA Report will be an important reference resource with extensive utility both within and outside the Agency. However, the following issues must be considered if the Report is to achieve its full potential.

1.1 EPA's goals and objectives as stated for this Report, and the analyses it contains, were too limited.

The Subcommittee is concerned that the Report is only descriptive and that it does not explicitly discuss how the estimates might be reasonably used. The Agency has both scientific and policy reasons for estimating water ingestion for the overall population, and for subpopulations, that are not discussed in the report. Some of these respond to the statutory mandate in the Safe Drinking Water Act. But there are other needs for information on drinking water intake in risk assessment and regulation which involve establishing default values for water ingestion, estimation of risks to highly exposed and/or sensitive subpopulations, and characterization of the distribution of individual risks or the impacts of specific control strategies. Important implications to these uses are not discussed in the current report.

EPA often uses default values for water ingestion levels when it develops allowable concentrations for contaminants in drinking water. The Subcommittee is encouraged that this EPA report provides information that will permit analysts to use specific data for water ingestion in many future situations where allowable concentrations must be developed. For others, the Report will provide assistance for developing information on the distribution of drinking water ingestion by individuals that includes new information and the relationship of ingestion to factors such as age, gender, and disease status.

While the report does a good job of characterizing the distribution of drinking water consumption in the entire US population, and in the major subdivisions of the US population (i.e., by age, sex, race, and geographic region), it does not provide the information that some users may want on drinking water ingestion by smaller subpopulations. Further, certain groups may have higher than normal water ingestion levels or they may be more sensitive to the effects of contaminants in drinking water. Examples of these would include very young children and workers in hot and/or dry climates.

This limitation exists because the CSFII data upon which the Agency relied for generating its estimates were collected in an effort to characterize the patterns of food consumption in the general population. They did not target certain subgroups that are now of heightened interest to EPA. Therefore the samples in certain subgroups are so small that the CSFII estimates of water consumption in these groups may be quite imprecise. Compounding this problem is the Report's omission of statistical confidence intervals for most of the ingestion estimates among subgroups of the population. If legislative mandates or regulatory analysis require information on the water consumption of these subgroups, further studies will be needed.

Many of the results presented in the report may be sensitive to assumptions made during data analysis. Examples of such data analysis conventions include the choice of regional boundaries and the assignment of a principal source for ingested water. Currently the report does not include a section analyzing the sensitivity of key results to these assumptions. The Subcommittee urges the Agency to conduct a sensitivity analysis and to add a section to the report describing the key findings from the sensitivity analysis.

Another key issue influencing the interpretation of the CSFII data is the choice of averaging time. We know that in many other settings (e.g., air pollution exposure assessment) heterogeneity tends to decrease as averaging time increases. The exact nature of the relationship between averaging time and observed heterogeneity depends on the features of the data being explored. For certain purposes (e.g., cancer risk assessment) the population distributions of long term average exposures may be of interest. The current EPA report provides information about drinking water intake averaged over TWO days. Therefore, to minimize the potential for misuse of the data in the EPA Report, users might benefit if the Agency clearly stated the averaging time on all tables and graphs in the report. Further, it may be necessary to more fully explore the sensitivity of results to alternative choices of averaging time.

Therefore, the Subcommittee recommends that the EPA Report discuss the characteristics of the EPA methods for estimating ingestion, and the USDA method for conducting the CSFII, that have important implications for those who must use the ingestion data.

1.2 The EPA Report should state that EPA did not have information that would allow calculation of confidence intervals for sub-populations.

A discussion point for the subcommittee centered on the question of whether it was appropriate to provide data without meaningful confidence intervals. The design of the CSFII survey requires use of an ultimate cluster methodology which is an aggregate of sampled persons within each primary sampling unit. Smaller subpopulations within the sample (e.g., the less than one year olds) did not meet these criteria. This prevents the calculation of confidence intervals using the ultimate cluster methodology. It would be good to clarify this point for the readers of the report.

1.3 The Agency should develop a strategy for the analysis, presentation and interpretation of the Report's data that is consistent with the intended uses of the data.

The Agency has taken a purely descriptive approach to the analysis and presentation of data. This results in numerous tables containing drinking water ingestion estimates for many conceivable combinations of attributes examined (e.g., Native American males by age group and by geographic region, etc.). While this superficially exhaustive presentation of data may seem attractive, the Subcommittee is concerned that this strategy for analysis, interpretation, and presentation of the data is inadequate and potentially misleading. We urge the Agency to develop a strategy for data analysis which, at a minimum, provides only those estimates of drinking water intake for which estimates of uncertainty can also be developed, and preferably which includes formal hypothesis tests of the significance of differences in the water consumption of various groups. Further, the number of tables presented in the report should be substantially reduced and limited to only those which support Agency needs and for which valid estimates of precision can be provided. If the Agency feels that certain tables for which valid estimates of precision can not be produced are necessary, this fact should be prominently displayed on each such table.

2. INTRODUCTION AND CHARGE

The Drinking Water Intake Subcommittee was asked to conduct a peer review of the Agency Report that provides estimates of per capita water intake in the United States. The Report contains estimates of the amount of direct and indirect water consumption. Direct water consumption is defined as plain water consumed directly as a beverage. Indirect water is that water added to foods and beverages during final home or restaurant preparation.

Empirical distributions of estimated water consumption were generated by water source and by the respondent's demographic and physical characteristics. Water sources include: a) the community water supply, b) bottled water, c) other sources including the respondent's own well, rain cistern, spring, or public spring. Physical and demographics characteristics include: age, gender, race, socioeconomic status, and geographic region. Estimates were also generated separately for pregnant and lactating women.

The distributions of estimated water ingestion include point estimates of the mean and the following percentiles: 1st, 5th, 10th, 25th, 50th, 75th, 90th, 95th, and 99th. Confidence intervals for the mean and bootstrap intervals for the upper percentiles are provided for only the larger subpopulations.

The charge to the Drinking Water Intake Subcommittee from the Office of Science and Technology, US EPA Office of Water included the following questions:

a) The distributions of estimated water intake were generated using standard statistical methodology for surveys with complex designs such as the 1994-96 CSFII. Is the statistical methodology used to generate the estimates appropriate? Should we consider rounding?

b) We have limited the calculation of confidence intervals about the mean and boot strap intervals for percentiles to the distributions for the larger sub-populations. The complex sample design makes the calculation and interpretation of results for smaller sub-populations virtually impossible to calculate and interpret. Is this an appropriate decision?

c) The CSFII survey is based on short-term survey data. Upper percentile estimates may differ for short-term and long-term data because short-term survey data tends to be inherently more variable. Is it appropriate to report upper percentile estimates such as the 99th percentile?

d) Are the data conventions used to identify direct and indirect water appropriate?

e) Do the data support estimates of sub-population distributions?

f) We have provided distributions of estimated water intake for numerous sub-

populations. Should any additional sub-populations be added? Should any be excluded? Specify sub-populations.

g) USDA has identified two types of indirect water in foods. They are:

i. The amount of water in food as consumed.

ii. The amount of water used to prepare food.

The water intake report provides estimates of the amount of indirect water in food as consumed. If resources permit, we could expand our report as a future addendum to include estimates of the amount of indirect water used to prepare food. Would this be desirable?

h) Additional water intake estimates associated with types of food may be useful for specific risk-exposure analyses, e.g., cold beverage intake. Such analyses are feasible using the CSFII data. We could expand our report as a future addendum if resources permit. Are any such targeted analyses of significant interest at this time?

i) Intrinsic water is the water contained in foods and beverages at the time of market purchase. Intrinsic water includes commercial water (added to food products by food manufacturers) and biological water (found naturally in foods). Intrinsic water is not included in our current analysis. If resources permit, we could expand our report as a future addendum to includes estimates of intrinsic water. Would this be desirable?

j) What are the scientific limitations to the use of the water consumption estimates provided in this report (i.e., what other issues has the Subcommittee noted with the estimates that are not covered elsewhere)?

k) The water intake estimates provided in this report are based on all respondents, including those who did not report consuming water during the two survey days. If resources permit, we could also generate estimates of water consumption which exclude the zero consumers of water. We noticed that for some sub-populations, especially the less than one-year-old infants, a substantial proportion consumed zero or minimal amounts of tap water per day (presumably those who were breast fed or drank undiluted formula or milk); these zero consumers of water can contribute to lower estimates. Would this be desirable?

3. SUBCOMMITTEE COMMENTS

3.1 General Comments

The Drinking Water Intake Subcommittee (DWIS) of the EPA Science Advisory Board (SAB) has reviewed the Agency's report entitled *Estimated Per Capita Water Consumption in the United States* during two meetings: one on July 8, 1999 and the other on July 19 to 20, 1999. Specific responses to the Agency's charge questions are provided in Appendix A to this SAB report.

EPA used the Continuing Survey of Food Intake by Individuals (CSFII) as its data source for use in deriving its drinking water ingestion estimates. EPA is commended for seeking out databases that can be used for estimating drinking water ingestion for the population at a national scale. This was the best data source available and it had critical attributes that allow advancement of our understanding of drinking water ingestion in the general U. S. population and the Agency made good use of the data. Several strengths of the USDA 1994-96 CSFII database are worth highlighting.

a) The database is large, recent, and it is a population based survey.

b) The database permits the categorization of various sources of ingested water.

c) The convention used to estimate the fraction of water in each food as consumed was scientifically defensible.

d) The database permits a breakdown of the US population into some major groups based on age, gender, special populations of females, regions, and broad classifications of ingested water source.

The committee believes that the EPA Report will be an important source of information on drinking water ingestion. The report will enjoy extensive use as a reference resource for those within and outside of the Agency.

Even though this report will allow EPA to better understand contaminant exposures associated with drinking water ingestion it does not, nor was it intended to, provide insight into exposure to drinking water contaminants associated with dermal exposure (e.g., during bathing or showering). Further, even though it provides estimates for some combinations of attributes, many such attribute combinations are possible. Most of these are not included nor could all possible combinations of potential interest be covered (e.g., infants who live in hot climates and have health conditions which affect water intake). Therefore, to fully estimate contaminant exposures associated with drinking water, EPA will need to go beyond projections that are based solely on information contained in this specific Report.

Notwithstanding the strengths of the Survey and the EPA Report noted above, the

Subcommittee does have a number of concerns with the Report. If the Report is to achieve its full potential there are a number of issues that require further attention. These are discussed in Sections 3.2 through 3.4 that follow.

3.2 EPA's goals and objectives as stated for this Report, and the analyses it contains, are too limited.

The report was constructed only as a descriptive report without an explicit discussion of how the estimates in the Report might reasonably be applied by users. The subcommittee has several recommendations for revision to address this current shortcoming:

a) The Report needs a prominent and early explanation of the logic used in the survey design and in the analyses used to develop the Agency's estimates. This explanation should be understandable by the educated layperson. This is not a criticism of the technical logic used in the analysis, rather, it simply recognizes that most users of these estimates will not have the specialized knowledge of statistics needed to understand fully the approach used.

b) The report must provide a much clearer indication of which estimates are reliable and which ones are not as reliable. The extensive tables of statistics that appear to break down the population to several subgroups provide potential users of the data with a false sense of security about the precision of the estimates. This practically guarantees that the results will be applied in ways not supportable by the database.

The Agency has both scientific and policy reasons for estimating water ingestion in the overall population and in subpopulations of interest. Some of these come from the statutory mandates of the Safe Drinking Water Act (SDWA), but others come from the broader environmental health community, such as: a) risk assessment; b) development of default values; and c) sensitive subpopulations. The implications of the survey characteristics and the analyses supporting EPA's estimates on these uses of the ingestion estimates are not sufficiently discussed in the Report.

Risk assessments are scientifically-based efforts to estimate the impact that exposure to a contaminant, or groups of contaminants in water, may have on human health. For waterborne risk scenarios, it is important to construct as complete a picture of water ingestion as is possible. Some of the distinctions in the present estimates limit that capability. For example, as the Agency rightly points out, direct and indirect water represent only part of potential tap water ingestion (and therefore exposure to waterborne contamination). Commercial water (that water added by the manufacturer prior to marketing–not now included in the EPA estimates) is frequently taken from tap sources, although these are frequently far removed from the point of consumption. This does not mean that the estimates obtained from the present study cannot be used in developing risk assessments, but part of the exposure assessment may have to obtain broader categories of water source than are identified in the present analysis of the data. Such

limitations in the tabular data need to be clearly stated in the report.

In its current configuration, the report provides estimates that are composites of both those who reported drinking water during both survey days and those who reported drinking none on those days. As EPA noted in its charge to the Subcommittee, this could result in underestimates of drinking water ingestion. EPA traditionally uses a default value for water ingestion when converting a "safe dose" (mg/kg/day) to enforceable concentration limits in drinking water. The Report permits EPA to use improved data in developing such limits. However, the Subcommittee believes that such analyses should focus on those portions of the population that actually ingest drinking water. The estimates needed in this circumstance should not be diluted by including large numbers of individuals that reported no water ingestion during the survey (see Question 11 in Appendix A). In its current configuration, the report provides only the diluted estimates. Ingestion estimates should be developed by EPA to reflect only those who actually reported water ingestion as well as the current composite situation. When sufficient data are available to estimate confidence intervals, these Survey data can be used to develop default values.

Some subpopulations of interest are adequately represented in the report (e.g., pregnant women) but others identified included too few representatives (e.g., children of Native Americans). For this reason, the Subcommittee strongly recommends that the Report make explicit the limitations of the estimates. The breakout of pregnant and lactating women provides at least a starting point for defining the amount of water that is consumed by populations that may have special sensitivities. There are also some data that can be used to estimate water consumption by individuals of varying age. However, it is important to recognize and identify the limitations of these data for smaller populations (e.g., children of Native Americans/ Alaskans). In addition, other populations could be identified that consume higher amounts of water (e.g., diabetics and individuals with kidney disease) that, while not rare in the overall population, are well below the statistical power of the Survey to detect. If there are not sufficient data to support development of relatively robust measures of confidence, the use of the data to describe water ingestion by these smaller subgroups would be misleading and do a disservice to these groups. If these groups are to be a source of particular concern in the Agency's regulatory agenda, surveys should be conducted that are adequate to support such estimates. Some other data sources might be superior for such purposes (e.g., NHANES).

The report provided insight into the 1.0 liter/10 kilogram default value for ingestion of drinking water by children that is currently used by EPA. The analysis presented in the EPA report shows that water consumption per unit body weight is very high at birth and falls off sharply with age. The Subcommittee is encouraged that the EPA Report now provides information that will permit analysts to use specific data for water ingestion in many future instances where allowable concentrations must be developed. For others, the Report will provide a better basis for developing reasonable defaults.

In the Agency's derivation of maximum contaminant limit goals (MCLGs) the mathematical operation essentially converts consumption to ml/kg/day, the Subcommittee

believes that there is significant value to be gained from expressing estimates in these units as well as volume ingested. When shown in such units, the real differences in water consumption by age become much more apparent than when given as volume measures alone. Ml/kg/day figures are best used until ingestion stabilizes and then the daily volume becomes equally appropriate.

Clearly, the EPA Report is not intended to answer questions about other critical subpopulations (e.g., workers that consume very large quantities of water because of the exertion involved in their work or because of working in hot and/or dry climates). This points to an opportunity for future work in this area. Some of this information may already be available in the literature. If not such efforts could involve designing a relatively simple hypothesis and model of the determinants of water ingestion. Some independent variables for such a model of water ingestion could include: a) level of effort or metabolic rate; b) average ambient air temperature; c) average ambient relative humidity; d) body weight; and e)age.

Describing and capturing data for these predictor variables, and subsequent water ingestion for subpopulations that share common (and relatively narrow) ranges of these variables, could lead to the identification of the subpopulations of greatest concern for contaminant exposures through drinking water. It might also lead to the development and validation of a comprehensive model for the prediction of water ingestion from such parameters. The resulting simple hypothesis and model of the determinants of water ingestion could be used generically because it would reflect water needs of individuals. In some individuals most, if not all, of that water requirement might come from tap water. Those are the persons that the SDWA is intended to protect. If more accurate estimates of actual drinking water ingestion are needed, appropriate data could be collected by targeted surveys. The results could always be benchmarked against the basic water needs of individuals under different physiological conditions.

The value of some of the tabular distributions provided in the analysis is not clear. For example, water ingestion was provided by region. The Subcommittee's agrees with the need for regional estimates; however, the political regions identified in the Agency Report were probably too large. The within region variability of ingestion is probably much larger than that between regions.

It is important to emphasize that risk is a function of both exposure and sensitivity. Sensitivity is determined by genetics, developmental stage (old as well as young), lifestyle, and preexisting disease conditions that are not addressed in the Report. The Agency should simply point out that these other determinants of sensitivity are not addressed in the report.

3.3 The EPA Report should state that EPA did not have information that would allow calculation of confidence intervals for sub-populations.

A discussion point for the subcommittee centered on the question of whether it was appropriate to provide data without meaningful confidence intervals. The design of the CSFII survey requires use of an ultimate cluster methodology which is an aggregate of sampled persons within each primary sampling unit. Smaller subpopulations within the sample (e.g., the less than one year olds) did not meet these criteria. This prevents the calculation of confidence intervals using the ultimate cluster methodology. It would be good to clarify this point for the readers of the report.

3.4 The Agency needs to develop a strategy for the analysis, presentation, and interpretation of data that is consistent with the intended uses of the data.

The report should contain a description of the methodology used for analyzing the data. This would better explain the approach employed for those who are not experts in the sophisticated statistical techniques. In addition, the report should contain a strategy for future analyses of the data including some hypothesis testing.

Data validation and quality assurance procedures used in the development of the report should be prominently documented, with especial attention to conventions that were developed to handle some of the data.

The presentation of numerous tables containing estimates developed in the Agency analysis are clearly not appropriate for many of the applications the Agency will have for this information. Tables should be substantially reduced. Instead of numerous tables with estimates having unknown confidence levels the report should be limited to tables with estimates that support agency needs and for which valid estimates of reliability can be provided. These tables should be displayed in a useful way with significant figures appropriate to the level of precision in the estimates. The text surrounding these fewer tables should make clear the limitations of the estimates and whether they can be applied with confidence to evaluations of the subpopulations with which they are identified.

For example, the Subcommittee had very little confidence that the data reported for Native Americans reflected a Native American lifestyle (see Question 6 in Appendix A). There is a difference between “race” and “lifestyle”. The reasons for different intake rates primarily reflects lifestyle (secondarily SES), and probably not race *per se*. If the Agency is convinced that this data reflects such a lifestyle, it should explain the rationale supporting the conclusion. A contrary conclusion should also be clearly explained.

Similarly, separate tables should be provided reflecting ingestion estimates for those respondents reporting water ingestion during the two days captured in the CSFII. This should be in addition to tables that reflect estimates based on a composite of respondents reporting tapwater ingestion and those who did not report such ingestion. Both sets of analyses provide important perspectives depending upon the use that the data will be applied to by the Agency. There are also good reasons to display data in both in terms of ml/kg/day as well as liters consumed. In all cases these data should include some measure of the precision of the estimate.

It is extremely important to segregate estimates for children by age for the reasons stated earlier. However, it is much less important to separate estimates for adults by age because the differences observed are much smaller. In adults the future analytical focus should be on identifying subpopulations that consume more water for other reasons, such as preexisting disease (e.g., diabetes mellitus), occupational conditions, or effects due to climate.

Appendix A

Responses to Specific Agency Charge Questions

1. Statistical Methodology

Charge Question 1: *The distributions of estimated water intake were generated using standard statistical methodology for surveys with complex designs such as the 1994-96 CSFII. Is the statistical methodology used to generate the estimates appropriate?*

The methodology described in the document is an appropriate technique to produce estimates from a multi-stage, stratified, clustered sample. The Agency, however, did not clearly state that the estimates were generated from a summary tape containing only final weights assigned to individuals. This means that the Agency was limited in what it could do with the data. References to the documents describing estimating equations for the US Department of Agriculture's Continuing Survey of Food Intakes by Individuals are needed.

2. Confidence Limits

Charge Question 2: *We have limited the calculation of confidence intervals about the mean and boot strap intervals for percentiles to the distributions for the larger sub-populations. The complex sample design makes the calculation and interpretation of results for smaller sub-populations virtually impossible to calculate and interpret. Is this an appropriate decision?*

Yes. However, the rationale for this is buried in the narrative. The Subcommittee recommends that the Agency state more clearly, and in a prominent place, its reasoning for not calculating such intervals throughout the report. Also, the convention of placing "zeros" as entries in the tables for place-holders where no estimates have been generated is confusing. The Subcommittee recommends inserting "dashes" in place of such zeros. This convention is used by others reporting results from such efforts.

3. Short-term Data and Long-term Estimates

Charge Question 3: *The CSFII survey is based on short-term survey data. Upper percentile estimates may differ for short-term and long-term data because short-term survey data tends to be inherently more variable. Is it appropriate to report upper percentile estimates such as the 99th percentile?*

The decision whether to report upper percentile estimates depends in part on whether the quality of these estimates is sufficient for their intended use. Quality may be judged by the number of individuals interviewed, the fulfillment of underlying assumptions, and the computed

statistical precision, bias and confidence in the percentile estimates. Uses of the drinking water ingestion estimates may be very broad and could include risk assessment, rule-development for microbial contaminants of drinking water and disinfection by-products, as well as other uses not now anticipated. Some uses of drinking water ingestion estimates may require the short-term survey data available from the present CSFII survey data (i.e., estimates of daily averages based on only two non-consecutive days of data), while other uses may need long-term survey data (i.e., estimates based on more than 2 days of data). For example, short term data and a knowledge of the variability of such data can be useful for risk assessments of acute health effects such as diarrhea due to microbiological contamination, whereas long term data and a knowledge of its variability are needed for risk assessments of long-term health effects such as cancer. As the short-term data available from the current CSFII survey are not ideally suited for all uses, it is particularly important that the report adequately describe the quality of the estimates so that users can judge if the results of the current survey are of sufficient quality. As indicated above, this quality can be described in various ways such as by providing variances and confidence limits for estimated percentiles, by carefully stating and explaining all assumptions used in obtaining those estimates, and by the number of individuals interviewed in the various subcategories.

The number of individuals interviewed in subcategories is sometimes very small in the CSFII data. This point is illustrated by reference to Table A-3b in Section 11e of the EPA Report. In this table, there is only one individual in the <0.5 year age category and only three individuals in the 0.5-0.9 age category. Clearly, upper percentiles should not be reported for categories for which the number of persons interviewed is so small. The National Center for Health Statistics has issued guidelines on minimum sample sizes required to obtain credible estimates. These guidelines should be considered by EPA as a way to decide when drinking water estimates should be flagged as being of lower than acceptable quality.

Taking these considerations into account, this Subcommittee believes it is appropriate that the lower and upper percentile estimates obtained from the CSFII survey be reported, but that additional guidance on their quality and when they should and should not be used should be provided.

4. Data Conventions

Charge Question 4: *Are the data conventions used to identify direct and indirect water appropriate?*

A series of conventions was established to allow the estimation of water intake as a result of water consumed as a component of foods. The procedure is described in detail and is essentially the same as that used previously by Ershow and Cantor (1989) and by the Office of Pesticides Program (Tolerance Assessment System, 1985). The procedures as described are appropriate and will allow EPA to account for moisture gained and lost during cooking and allow the estimation of the proportion of water from home supplies versus from commercial water sources. A quick check of the results of applying the conventions to the CSFII food codes

indicates that the procedures worked well. The results appear to be in the anticipated ranges. The data should be rounded to reflect the appropriate level of precision. It would also be useful to note in the text and on any files containing the factors that these represent a factor that is a composite of factors, e.g., that different types of rice, rice cooked different lengths of time and by different consumers will have different amounts of moisture and therefore different factors.

The Agency did not conduct a quality assurance check on the data. Given the multitude of uses for this information, the Subcommittee recommends that a formal QA/QC audit be conducted to ensure that the conventions were actually applied to each code as described in the methodology.

Where indirect water and intrinsic water are lost during cooking, it is necessary to determine how much is lost from each source. This is an arbitrary decision and the proposed approach seems reasonable. Validation of the estimates should be undertaken to verify the results.

5. Subpopulation Distributions

Charge Question 5: *Do the data support estimates of subpopulation distributions?*

The CSFII data were used to generate point and interval estimates of daily average *per capita* water ingestion in the manner presented in Section 8b of the EPA Report. Point estimates presented include the mean, 1st, 5th, 10th, 25th, 50th 75th, 90th, 95th and 99th percentiles. Subpopulations defined are gender, age, region, race, economic status, residential status and certain specific female subpopulations of pregnant and lactating women of childbearing age. The results are presented in section 11 by water source and by nine sociodemographic categories.

Examination of the tables on pages 11-3 through 11-326 easily reveals many subcategories without sufficient observations to support the point estimates. For example, Table A-3b on pages 11-15 and 11-16 shows point estimates of community water intake by race and fine age category. Between the American Indians and Native Alaskans, there is only one individual under 6 months and there are only three individuals in each of three other age categories. Presenting point estimates this way will likely mislead readers. Potential users should be cautioned about the uncertainty of point estimates having small sample sizes.

Whenever possible, point estimates should be presented with confidence intervals. But due to small sample size of some subpopulations, not all confidence intervals can be computed from the data. It is not clear how many interval estimates cannot be derived from the data available to the Agency. Only Tables 1, 2, and Figure 9-20 in Section 9 include 90% confidence intervals. A survey of over 15,000 individuals should allow more confidence intervals to be calculated and presented.

Although parameter estimation, hypothesis testing, and modeling are difficult because of the complex nature of this survey, the valuable information collected deserves further exploration. A strategy should be developed to analyze, interpret, and present data on sub-populations in a systematic and meaningful way. The first set of tables presented should be for major subpopulations such as gender (male vs. female), age (infants, children, youth, adults), race (white, black, Asian/Pacific Islander, American Indian/Native Alaskan), and region (northeast, Midwest, south, west) without further subdivision. Both point and interval estimates should be provided for each category of these major subpopulations. Hypothesis testing should be carried out to see if the differences among categories are statistically significant.

In Section 11, ingestion estimates for nine sociodemographic subpopulations are presented by water source. No rationale is given for why, among all the possible combinations of major subpopulations that could have been selected, these nine combinations of sociodemographic variables were chosen for presentation. Further, without understanding the meaning and limitations of the data, over 200 pages of tables are of limited usefulness to readers. If the relative importance of various sociodemographic variables can be evaluated by modeling and hypothesis testing, cross-tabulation can be focused on a limited number of significant variables.

6. Subpopulations Included

Charge Question 6: *We have provided distributions of estimated water intake for numerous subpopulations. Should any additional subpopulations be added? Should any be excluded? Specify subpopulations.*

The Report provided distributions of estimated water intake for a relatively large number of subpopulations. As discussed earlier, the available data do not support reporting of some of the values that are placed in the tables. This does not negate the need to lay out water ingestion rates for subpopulations that might be at greater risk from drinking water contaminants. There are clearly examples that are at least as important as those reported upon. These are pointed out by the Subcommittee with the recognition that the CSFII database will not provide the needed data for such analyses. Nevertheless, the Agency is encouraged to seek better estimates of the distributions for two broad categories:

a) Sub-populations with different lifestyles, occupations, or activities.

I) Infants and toddlers are not a homogeneous group. There is a population of infants in the 0-3 months of age group that receive constituted powdered formula exclusively. These infants could be consuming as much as 180-200 ml/kg/day from the same source of tap water.
ii) Dietary survey misses lifestyles of specific cultural groups (e.g., Native American, recent immigrants) that are still practiced
iii) People who live in hot climate areas.

iv) People who consume large amounts of water because of physical activity (can consume as much as 300-500 ml/kg/day)

b) Health conditions that affect water intake:

I) Diabetes
ii) Conditions requiring rapid rehydration needs (GI upsets, food poisoning)
iii) Disorders of water and sodium metabolism.

The subcommittee also noted that there are aspects of water ingestion that might be better addressed by taking a physiological approach. If total water ingestion is first thought of in terms of the needs that are defined by physiological state, developmental stage, levels of activity (reflected in metabolic rates), and environmental settings a general model could be constructed. This approach will always capture the upper limit, as one can assume that all of the water that is not intrinsic to food could be derived from the tap. Then more accurate estimates of sources of the actual water consumed could be constructed from survey information that is targeted to the sub-populations of interest. This could be a more efficient way of addressing drinking water ingestion by subpopulations of interest to EPA, in particular those noted in 'a' above.

7. Indirect Water

Charge Question 7: *USDA has identified two types of indirect water in foods: a) the amount of water in food as consumed; and b) the amount of water used to prepare food. The water intake report provides estimates of the amount of indirect water in food as consumed. If resources permit, we could expand our report as a future addendum to include estimates of the amount of indirect water used to prepare food. Would this be desirable?*

The current ingestion report provides estimates of the amount of indirect water in food as consumed. The amount of water used to prepare food may be greater, owing to evaporative loss during preparation. This loss can result in a concentration of non-volatile contaminants. Such increases are chemical specific. To be able to calculate the amount of residue concentration, both the amount of indirect water in food as consumed, and the amount of indirect water used to prepare food must be known. This analysis should be limited to only those foods where the amount of water added to prepare the food is known. The amount of water which is first boiled, then added to food such as that used to prepare infant formula, is not known.

The critical question is whether preparation leads to large changes in the distribution or ingestion of water contaminants in the population. Certainly in some cases the losses of water volume could be large, but are they consistent within individual consumers. In addition, it is not clear how common a practice unattended boiling or extensive boiling might be. There are many other more important variables that remain unaddressed with respect to sensitive populations. Consequently, pursuit of this issue should reflect programmatic priorities with respect to sensitive subpopulations.

An omission in consideration of indirect water that could be significant appears to be soft drinks prepared from syrup in restaurants, fast-food establishments, and bars. Again, the pursuit of this detail has to set within the priorities of the program. However, some initial evaluations might be made by contacting the appropriate industry representatives to obtain information on the ratio of syrup to canned/bottled soda sold.

8. Food Types Not Covered

Charge Question 8: *Additional water intake estimates associated with types of food may be useful for specific risk-exposure analyses, e.g., cold beverage intake. Such analyses are feasible using the CSFII data. We could expand our report as a future addendum if resources permit. Are any such targeted analyses of significant interest at this time?*

This question was withdrawn by the Agency during the discussions at the July 19-20, 1999 Drinking Water Intake Subcommittee meeting.

9. Intrinsic Water

Charge Question 9: *Intrinsic water is the water contained in foods and beverages at the time of market purchase. Intrinsic water includes commercial water (added to food products by food manufacturers) and biological water (found naturally in foods). Intrinsic water is not included in our current analysis. If resources permit, we could expand our report as a future addendum to include estimates of intrinsic water. Would this be desirable?*

Yes, this would be desirable, but the Subcommittee would like to point out that the Agency's use of the term "intrinsic water" is unusual. In most instances intrinsic water is that in the raw food product, not water added by processors. In some cases (e.g., NASA) the term includes both free water and metabolic water that is derived from a food. There would be some value of using another term (e.g., commercial water) to describe this category. Care would have to be taken that it is not confused with bottled water, however.

The Subcommittee felt that one advantage of including intrinsic water (as the term is used in the Agency report) in the analysis would be to enable the derivation of a fluid requirement distribution by recognizing this additional source of water. This combined direct/indirect water ingestion distribution will be less variable than direct use only, as it is closer to a biological/physiological measure than one of lifestyle. However, this is only one of a number of other sources of water ingestion that would have to be known to construct the physiological need for water for individuals under different conditions. Knowing intrinsic water does capture another tap water source, even though it may be removed from the consumer's own tap water. The relative component of commercial water could then be calculated by examining only those products with a major contribution to one or more subpopulations. Examples are soda in cans, iced tea in cans, bottled soda, beer, milk, prepared infant formulas.

10. Other Issues

Charge Question 10: *What are the scientific limitations to the use of the water consumption estimates provided in this report (i.e., what other issues has the Subcommittee noted with the estimates that are not covered elsewhere)?*

This report needs to be viewed as a key reference for population based information on water consumption. The following are examples of the many potential uses of the information.

c) It will be valuable to programs where consumption of water estimates are needed.

d) It will be useful to support Agency rule making.

e) It can be used to evaluate existing default water consumption rates and to provide new defaults for subpopulations.

f) It can serve as a reference to compare to other data sources containing similar information.

The document needs to keep these uses in mind and the text and tables should be designed to be user friendly for these purposes. Thus many users will prefer the data summarized in a ml/kg body weight format while others will need the ml/day summary. Both formats should be provided. Keeping the uses in mind, it becomes especially important that the limitations of the Survey database and the ingestion estimates based upon it be clearly spelled out in the introduction and that the report contain only statistically valid estimates. It should be noted that some sensitive subpopulations are not in the database or cannot be identified in the database. These are identified under other charge question responses. It should be explicitly stated when data are sufficient (and give the criteria used) and when they are not. Where it is not obvious why estimates are not provided, it needs to be explained.

A use-restricting limitation is the survey design that precluded estimating water ingestion in subpopulations that either by choice, or access, utilize only one source of water for ingestion. The survey data identify and provide descriptive tables for three significant sources of ingested water; community tap water, bottled water and other (private wells, cisterns, etc). While the report provides detailed ingestion distributions for each water source within defined demographic groups, “sole source” subpopulations of water ingestion limit the utility of the report for local risk assessments. Such “sole source” ingestion distributions would be especially valuable to assessing health risks from ingestion. The overall national mean water ingestion finds community tap water contributing 75% of the water ingested. The tables provided show that the 75% contribution is not evenly distributed over the population. A valuable statistic not provided is the percent of individuals obtaining virtually all their water from community taps or all from the other two sources and their estimated ingestion rates. Such individuals may be consuming nearly 1/3 more tap water than the national estimate provides. If the size of this population is substantial, using the national ingestion estimate to characterize contaminant exposure to this group could significantly underestimate tap water contaminant risks. This underestimate may partially be seen in Section 9, figure 2 which shows that over 47 million US

residents are estimated to consume no tap water. Since these individuals require fluid to survive, they probably represent those ingesting only "other" water from private wells or bottled water only. The inclusion of these "unexposed" individuals in the ingestion estimates leads to underestimates of ingestion among those with access to the water source. The potential for underestimating ingestion is even more pronounced for infants where Section 9 figure 3 shows nearly half of the infants drank no tap water. This probably reflects the high percentage of infants being breast fed or using bottled water to mix formula. This seriously reduces the utility of the information provided on this vulnerable population. Whenever possible it would be useful to many users to have confidence intervals around the estimates.

11. Zero-Values

Charge Question 11: *The water intake estimates provided in this report are based on all respondents, including those who did not report consuming water during the two survey days. If resources permit, we could also generate estimates of water consumption which exclude the zero consumers of water. We noticed that for some sub-populations, especially the less than one-year-old infants, a substantial proportion consumed zero or minimal amounts of tap water per day (presumably those who were breast fed or drank undiluted formula or milk); these zero consumers of water can contribute to lower estimates. Would this be desirable?*

Yes, it is desirable, probably necessary, to eliminate the non-consumers of community tap water from the survey statistics for purposes of developing a set of consumption estimates for use in predicting exposure to drinking water contaminants. The DWIS suggests that those data, for which there are adequate numbers of individuals, should be displayed both ways. In other words inclusive of the population and a second display of only those individuals that are consumers of tapwater.

Based on the projections in Section 9, Figure 3, approximately 50% of the children under 1 year of age do not ingest community tap water. The mean and upper confidence limits generated from data from which these projections were made will greatly reduce the estimated ingestion rates in some groups. A rough arithmetic estimate can be made of how important this would be by recognizing that removing half of the population that does not consume water will increase the mean consumption of water in the under 1 year of age group to approximately 90 ml/kg body weight. This is roughly six times that of an adult. Thus, the differential between adults and children is at least twice that which is derived from currently utilized defaults. The subpopulation of children representing the highest tap water intake will be those fed reconstituted powdered formula. This will result in the greatest dose (per kg) of water contaminants. There is less impact in the general population, where only about 8% of the total population does not ingest community tap water. Nevertheless, the principle is the same.

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Chair
Science Advisory Board Executive Committee
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20460 Re: EPA-SAB-EC-00-003

Dear Sir/Madam:

This is in response to the review of "Estimated Per Capita Water Ingestion in the United States," a report prepared by the Office of Water (OW), Office of Science and Technology. The Science Advisory Board (SAB) had many helpful and insightful suggestions. Technical staff in the OW have addressed the comments and recommendations in a revised document that will be completed by March 31, 2000. Our summary response to the SAB review and recommendations is enclosed.

The objective of the report is to present current, technically sound estimates of water ingestion by the U. S. population and certain subpopulations. These estimates will be useful in a wide variety of the Environmental Protection Agency program applications including risk assessments and regulation development. The SAB subcommittee expressed concerns about our lack of explicit guidance on the use of the estimates. We anticipate that guidance on the use of the estimates will be addressed in program-specific documents to be developed in the future.

The majority of the SAB comments concerned presentation and interpretation of the analysis results. The fundamental statistical methodology employed in our study was found to be "an appropriate technique to produce estimates from a multi-stage stratified clustered sample." As a consequence, no changes were made to the methodology, and the numerical estimates did not change. In response to SAB comments, changes were made in the organization of the report, key water ingestion estimates were identified and highlighted in the Report text, confidence intervals were provided for key subpopulations estimates, and the number of subpopulations included in the report was reduced. We have noted the SAB's recommendations for additional studies but are not able to implement these at this time.

The SAB suggested that formal inferential tests of differences between subpopulation water ingestion estimates be applied. While we have not done these, we do provide interval estimates about water ingestion estimates for major subpopulations. These interval estimates can be used to assess the extent of differences in subpopulation estimates.

We are grateful for the ongoing involvement of the Drinking Water Intake Subcommittee of the SAB in our efforts to revise and update our estimates of water ingestion rates for the U.S. population. The discussion and recommendations of the subcommittee have been very beneficial and led directly to a substantially improved report.

Sincerely,

J. Charles Fox
Assistant Administrator

Enclosure

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AX-0000373

Identical letters sent to:

Dr. Henry Anderson, Co-Chair
Dr. Richard Bull, Co-Chair

Dr. Henry Anderson
Co-Chair, Drinking Water Intake Subcommittee
Science Advisory Board
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20460

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J. Charles Fox
Assistant Administrator

Enclosure

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Co-Chair, Drinking Water Intake Subcommittee
Science Advisory Board
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Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20460

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This is in response to the review of "Estimated Per Capita Water Ingestion in the United States," a report prepared by the Office of Water (OW), Office of Science and Technology. The Science Advisory Board (SAB) had many helpful and insightful suggestions. Technical staff in the OW have addressed the comments and recommendations in a revised document that will be completed by March 31, 2000. Our summary response to the SAB review and recommendations is enclosed.

The objective of the report is to present current, technically sound estimates of water ingestion by the U. S. population and certain subpopulations. These estimates will be useful in a wide variety of the Environmental Protection Agency program applications including risk assessments and regulation development. The SAB subcommittee expressed concerns about our lack of explicit guidance on the use of the estimates. We anticipate that guidance on the use of the estimates will be addressed in program-specific documents to be developed in the future.

The majority of the SAB comments concerned presentation and interpretation of the analysis results. The fundamental statistical methodology employed in our study was found to be "an appropriate technique to produce estimates from a multi-stage stratified clustered sample." As a consequence, no changes were made to the methodology, and the numerical estimates did not change. In response to SAB comments, changes were made in the organization of the report, key water ingestion estimates were identified and highlighted in the Report text, confidence intervals were provided for key subpopulations estimates, and the number of subpopulations included in the report was reduced. We have noted the SAB's recommendations for additional studies but are not able to implement these at this time.

The SAB suggested that formal inferential tests of differences between subpopulation water ingestion estimates be applied. While we have not done these, we do provide interval estimates about water ingestion estimates for major subpopulations. These interval estimates can be used to assess the extent of differences in subpopulation estimates.

We are grateful for the ongoing involvement of the Drinking Water Intake Subcommittee of the SAB in our efforts to revise and update our estimates of water ingestion rates for the U.S. population. The discussion and recommendations of the subcommittee have been very beneficial and led directly to a substantially improved report.

Sincerely,

J. Charles Fox
Assistant Administrator

Enclosure

Response to Science Advisory Board Recommendations

In July 1999 the Drinking Water Intake Subcommittee (DWIS) of the U.S. Environmental Protection Agency (EPA) Science Advisory Board (SAB) reviewed the report *Estimated Per Capita Water Consumption in the United States* (hereafter referred to as the Report). The SAB provided its written comments and recommendations in December 1999. The following 16 points address the SAB's major findings and recommendations and describe our responses.

1. **Report objective:** *The SAB expressed concern that the Report is purely descriptive and does not provide "an explicit discussion of how the estimates in the Report might reasonably be applied by users."* It was EPA's intent to limit the Report's objective to the provision of current descriptive statistics on water ingestion for the population of the United States and selected subpopulations. The Report does identify some of the broad applications for these estimates including their use in the development of risk assessment and regulations which involve default values for water ingestion and in the estimates of risks to highly exposed and/or sensitive populations. We believe that more explicit guidance on the application of these estimates is out of the scope of the study. However, we anticipate that guidance on the use of estimates, will be addressed by EPA Program Offices in documents to be developed in the near future.

2. **Overview of logic and survey design:** *The SAB stated that "The Report needs a prominent and early explanation of the logic used in the survey design and in the analyses used to develop the Agency's estimates."* We have made some modifications to the text in the Report in order to respond to this SAB comment. The details of the statistical methodologies, which were in the main text of the Report, have been moved to an appendix. The initial chapters of the Report now provide summary descriptions of both the survey design and methodology. These explanations should be understandable to the general scientific audience. The user is also directed to the references to obtain additional background on the survey design and statistical methods.

3. **Reliability of estimates:** *The SAB recommended that the report "must provide a much clearer indication of which estimates are reliable and which ones are not as reliable."* In response to this comment, we have amended the Report to state that estimates based on small sample sizes may be less reliable than estimates based on larger sample sizes. As suggested by the SAB, we applied the minimal reporting requirements provided in the "Third Report on Nutrition Monitoring in the United States" published in 1995 by the Life Sciences Research Office of the Federation of American Societies for Experimental Biology. In accordance with this document, mean ingestions estimated with a sample size of less than 48 are marked with an asterisk to indicate that they may be statistically unreliable. Similarly, percentiles estimated with sample sizes less than 12.8/(1-percentile) may be statistically unreliable and are also marked.

4. **USDA data:** *The SAB commented that the Agency did not clearly state that the estimates*

were generated from a summary tape containing only final weights assigned to individuals. In response to this comment, the Report has been amended to include a more detailed explanation on how the survey weights were calculated by USDA. USDA provided sample weights for each survey respondent in the three survey years with two days of consumption data. Sample weights, which project the data from a sampled individual to the population, are based on the probability of an individual being sampled at each stage of the sampling design. The sample weights associated with each individual were adjusted by USDA for nonresponse to correct for nonresponse bias as discussed in Appendix D of the final Report. However, certain variables, for example, region, are at a summary level. USDA has named the States within a region. Estimates by State, however, are not trackable because USDA data do not contain a variable identifying States. For this reason, water ingestion estimates by State are not possible. Furthermore, variance estimating strata are numbered sequentially. The sequential numbering prevents aggregation of strata with similar consumption patterns and thus reduces the ability to generate certain subpopulation variance estimates. The USDA documentation referenced in the Report provide the details on the calculation of the survey weights.

5. **Commercial water:** *The SAB recommends that the Report make clear that the estimates do not include commercial water (water added by the manufacturer prior to marketing).* In response to this comment we have further emphasized throughout the report that the water ingestion estimates do not include commercial water or biological water (water found naturally in foods). Also, all tables of estimates now bear a footnote which states "All estimates exclude commercial and biological water."

6. **Water ingestion by "consumers only":** *The SAB recommends that the Report include water ingestion estimates based on those respondents reporting water consumption during the two days captured by the CSFII.* In response to this recommendation, we revised the Report to provide water ingestion estimates based on both the entire population and on “consumers only.” The estimates for "all individuals" use water ingestion data from all survey respondents in the population (or subpopulation) including those who reported no consumption of the water from the source under consideration. The “consumers only” estimates include only individuals who reported ingestion of the water under consideration.

7. **Survey limitations:** *The SAB strongly recommends that the Report make explicit the limitations of the estimates. Specifically, the SAB points out that some sub-populations of interest included are not represented in the report.* In response to this recommendation, the “Discussion” chapter of the Report was amended to provide additional detail on the survey strengths and weaknesses. This chapter now specifically states that the survey design does not support generating water consumption estimates for certain sub-populations of interest. Examples of such sub-populations are Native Americans with traditional lifestyles, people who live in hot climates, people who consume large amounts of water because of physical activity, and people with medical conditions necessitating

increased water intake. The reason that the survey does not support estimation of water ingestion by certain sub-populations is that estimation for these sub-populations was not provided for in the design of the study. Rather, the survey is designed to support ingestion estimates by the U.S. population.

8. **Units of milliliters/kilogram of body weight/day:** *The SAB recommends that the Report provide water ingestion estimates in both units of milliliters/person/day and on milliliters/kilogram of body weight/day.* In response to this comment, the Report now provides all water ingestion estimates in both units of milliliters/person/day and milliliters/kilogram of body weight/day.

9. **New studies:** *The SAB suggests that additional studies to collect current or retrospective information on subgroups of interest could augment the report.* We have noted the recommendations but have limited the estimates to those supported by the USDA's 1994-96 CSFII as this survey was designed to collect consumption data from the U.S. population.

10. **Confidence intervals**: *The SAB stated that the "report could be considerably strengthened, and the potential for misinterpretation of its findings could be reduced substantially, if the Agency provided information on the statistical significance of differences in water consumption between major subgroups of the population."* In response to this recommendation, all key tables of water ingestion in the Results chapter of the Report now provide 90 percent confidence interval estimates about the mean per capita water ingestion and 90 percent bootstrap interval estimates of upper percentiles from the empirical distributions of per capita water ingestion. However, the limited sample sizes for certain sub-populations in conjunction with the survey design do not always support estimation of variance which is a necessary component of interval estimation. This is a characteristic of the survey data reporting by USDA. In response to the SAB recommendation, the Report provides detailed discussions of this limitation in both the Methods chapter and the Discussion chapter. Population and subpopulations with sample sizes that are large enough to support variance estimation have interval estimates reported in the main body of the Report. For the smaller subpopulations, as determined by the number of respondents in the survey, point estimates are segregated in the appendices.

11. **Hypothesis testing:** *The SAB suggests providing information on statistical significance of differences in water consumption between major subgroups of the population.* We have not applied formal inferential tests of differences between subpopulation water ingestion estimates; the objective of the Report was limited to presenting current per capita water consumption estimates. However, we provide interval estimates about water ingestion estimates for major subpopulations. These interval estimates can be employed by the user to assess the differences in subpopulations.

12. **Data validation and quality assurance procedures:** *The SAB suggests that data*

procedures should be prominently documented. In response to this suggestion, we have added a brief discussion in the "Methods" chapter of the Report which describes the data conventions and validation procedures applied to create the data subsets from which the estimates were created. This chapter also identifies the variables used to identify water consumption and sources. It also relates the file interrelationships and assumptions applied to water-containing foods. Data convention and validation procedures described in the Report are augmented with listings of pertinent survey questions, methods for calculating indirect water and listings of water containing food codes. These augmenting materials appear in the appendices.

13. **Number of tables of estimated water ingestion:** *The SAB stated that the number of tables should be substantially reduced to reflect a limited number of subpopulations.* EPA has done this. We deleted the tables for race/ethnicity, region, economic status, and residential status because of sparse data in some cells. We retained the estimates based on age (broad and fine), pregnant women, lactating women and women of childbearing age. We placed key tables of estimates which we considered of major interest to the user in the "Results" chapter. These tables provide 90 percent confidence intervals around the mean and 90 percent bootstrap intervals around the upper percentiles. Each table has a corresponding graphical display. A more comprehensive set of tables is provided in the Appendix E of the Report. We have flagged estimates in all tables that do not meet the minimal reporting requirements as defined in the "Third Report on Nutrition Monitoring in the United States". We have also added footnotes to the tables which address data limitations.

14. **Averaging time**: *The SAB recommends that the Agency make clear to the user that the water ingestion estimates are based on two-day averages.* The 1994-96 Continuing Survey of Food Intake by Individuals (CSFII) collected two non-consecutive days of food ingestion data. Quantities of ingested water reported were averaged by participant to generate a two-day average. Throughout the Report we have stated that the estimates of water ingestion are based on the average of the two days water ingestion reported by individual survey respondents. Additionally, in response to the SAB recommendation, we have added a footnote to all tables of estimates which states: "Estimates are based on two-day averages."

15. **Age categories**: *The SAB states that it "is extremely important to segregate children by age..." and that "... it is much less important to separate estimates for adults by age because the differences are much smaller."* The Report provides water ingestion estimates for broad age categories and fine age categories. In response to the SAB comment, we amended the broad age categories to include a single adult age group. The broad age categories now cover babies (less than one year old), children (one to 10 years old), young adults (11 to 19 years old), adults (20 years and older). The fine age categories include 11 age groupings. These groupings are less than six months (<0.5 years), between six months and one year (0.5 to 0.9 years), 1 to 3 years, 4 to 6 years, 7 to 10 years, 11 to 14 years, 15 to 19 years, 20 to 24 years, 25 to 54 years, 55 to 64 years,

and 65 and older.

16. **Sensitivity analysis:** *The SAB recommends that the EPA conduct a sensitivity analysis of the data assumptions made during the data analysis.* This comment pertains to the assumptions made about the source of drinking water (plain water ingested directly as a beverage). These assumptions, which are described in the “Methods” chapter of the Report, were necessary because the CSFII survey does not completely designate the source of the plain drinking water. We agree with the SAB's recommendation and a sensitivity analysis under is consideration for future work. Time and resources do not permit the Agency to conduct the analysis at this time.