



## 1994-96, 1998 CONTINUING SURVEY OF FOOD INTAKES BY INDIVIDUALS AND 1994-96 DIET AND HEALTH KNOWLEDGE SURVEY

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### **OBJECTIVES:**

The Continuing Survey of Food Intakes by Individuals (CSFII 1994-96, 1998) and the Diet and Health Knowledge Survey (DHKS 1994-96) were conducted by the Agricultural Research Service (ARS) of the U.S. Department of Agriculture. The CSFII 1994-96, 1998 was the 10th national food consumption survey conducted by USDA. The DHKS was conducted as a telephone follow-up to the CSFII 1994-96. The CSFII and DHKS were uniquely designed so that individuals' attitudes and knowledge about healthy eating could be linked with their food choices and nutrient intakes. The survey objectives were to:

- **Measure the kinds and amounts of foods eaten by Americans.** This objective addresses the requirements of the National Nutrition Monitoring and Related Research Act of 1990 (P.L. 101-445) for continuous monitoring of the dietary status of the population, including the low-income population.
- **Measure attitudes and knowledge about diet and health among Americans.**

### **METHODS:**

- **CSFII/DHKS 1994-96.** Individuals of all ages were asked to provide food intakes on 2 nonconsecutive days and socioeconomic and health-related information. The dietary method used for collecting food intakes was the multiple pass 24-hour dietary recall, administered in the home by trained interviewers. About 2 weeks later, the DHKS was administered by telephone to one adult from each household. The DHKS included a series of questions about knowledge and attitudes toward dietary guidance and health and food safety issues.
- **CSFII 1998.** The 1998 data collection included young children birth through 9 years of age. It was conducted in response to the Food Quality Protection Act of 1996 to provide a larger sample of children for use by the Environmental Protection Agency. The CSFII 1998 was designed to be combined with the CSFII 1994-96, thus the approaches to sample selection, data collection, data file preparation, and weighting were consistent.

### **SAMPLE:**

- Nationally representative
- Oversampling for low-income individuals and young children
- Sample sizes  
CSFII 1994-96, 1998: 21,700 individuals of all ages; 11,800 children 0 to 19 years  
DHKS 1994-96: 5,800 individuals 20 years and over

### **RESPONSE RATES:**

- CSFII 1994-96, 1998: 1-day, 80%; 2 -day, 76%
- 1994-96 DHKS: 74%

## **DATA SETS ON CD-ROM:**

The data sets are available from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161, (1-800-553-6847).

- CD-ROM for CSFII/DHKS 1994-96. Includes all 3 years of data as well as Pyramid servings data for individuals 2 years of age and over. NTIS Accession No. PB98-500457. Cost \$65 in United States, Canada, and Mexico; \$130 for other addresses.
- CD-ROM for CSFII 1994-96, 1998 and DHKS 1994-96. Includes all data for 1994-96 and 1998, except the Pyramid servings data. NTIS Accession No. PB2000-500027. Cost \$90 in United States, Canada, and Mexico; \$180 for other addresses.

Each CD-ROM provides complete documentation needed for using the data, including SAS programs to read the data and create system files and both annual and multi-year sampling weights. The data files include general demographic information, food- and health-related variables, amounts and kinds of food eaten, daily aggregates of food intake from 70 ARS-defined food groups and subgroups, intakes of food energy and 52 nutrients and dietary components (including individual fatty acids), and, for 1994-96, diet and health knowledge data. Also included on the CD-ROMs:

- Questionnaires used for data collection; the Food Instruction Booklet, and interviewer's manuals;
- Technical support databases--food codes, nutrient values, recipes, and (on the 1994-96 CD-ROM) Pyramid servings;
- A report on the design and operation of the 1994-96 survey and (on the 1994-96, 1998 CD-ROM) information about the 1998 sample;
- Summary data tables;
- A user interface, the Statistical Export and Tabulation System (SETS), to assist the user in browsing the data as well as in creating data subsets.

## **REPORTS:**

The following reports may be ordered from NTIS (see address under "Data Sets" above):

- Design and Operation: The Continuing Survey of Food Intakes by Individuals and the Diet and Health Knowledge Survey, 1994-96. NFS Rep. No. 96-1. NTIS Accession No. PB98-137268. (This report is also available on the FSRG web site--see address below.)
- Food and Nutrient Intakes by Individuals in the United States, by Sex and Age, 1994-96. NFS Rep. No. 96-2. 197pp. NTIS Accession No. PB99-117251. (Tables from this report are available on the FSRG web site in table sets 8, 9, 10, and 12 listed below.)
- Food and Nutrient Intakes by Individuals in the United States, by Income, Food Stamp Program Participation, Race, Hispanic Origin and Race, and Region, 1994-96. NFS Rep. No. 96-3. [In press.] Tables from this report are available on the FSRG web site in table sets 11, 13, 14, 15, and 16 listed below.
- Results from USDA's 1994-96 Diet and Health Knowledge Survey. NFS Rep. No. 96-4. [In preparation.] Tables from this report are available on the FSRG web site in table set 19 listed below.

## CSFII/DHKS TABLE SETS:

All of the table sets, except table set 1, are available on the Food Surveys Research Group web site at <http://www.barc.usda.gov/bhnrc/foodsurvey/home.htm>. Table set 1 is available from NTIS.

### For individual survey years

- Table set 1: Results from USDA's 1994 CSFII/DHKS (NTIS Accession No. PB96-181268)
- Table set 2: Results from USDA's 1995 CSFII/DHKS,
- Table set 3: Pyramid Servings Data for CSFII 1994
- Table set 4: Intakes of Individual Fatty Acids, CSFII 1995
- Table set 5: 1994 and 1995 CSFII Data Tables –Combined Results of 1994 and 1995
- Table set 6: Results from USDA's 1996 CSFII/DHKS
- Table set 7: Pyramid Servings Data for CSFII 1995 and CSFII 1996

### For 1994-96

- Table set 8: Intakes of Individual Fatty Acids, 1994-96.
- Table set 9: Pyramid Servings for CSFII 1994-96.
- Table set 10: Results from USDA's 1994-96 CSFII/DHKS (by 23 sex/age categories).
- Table set 11: Food and Nutrient Intakes, by Race, 1994-96
- Table set 12: Supplementary Data Tables, 1994-96 (RDAs, food away, supplement use).
- Table set 13: Food and Nutrient Intakes, by Region, 1994-96
- Table set 14: Food and Nutrient Intakes, by Food Stamp Program participation, 1994-96.
- Table set 15: Food and Nutrient Intakes, by Income, 1994-96
- Table set 16: Food and Nutrient Intakes, by Hispanic origin and race, 1994-96.
- Table set 18: Intakes of Selenium, Caffeine, and Theobromine by Adults, 1994-96
- Table set 19: Results from USDA's 1994-96 Diet and Health Knowledge Survey [In review]

### For 1994-96, 1998

- Table set 17: Food and Nutrient Intakes by Children 1994-96, 1998.



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