

TABLE OF CONTENTS

LIST OF TABLES 13-ii

13. INTAKE OF HOME-PRODUCED FOODS13-1

13.1. INTRODUCTION13-1

13.2. RECOMMENDATIONS13-1

13.3. KEY STUDY FOR INTAKE OF HOME-PRODUCED FOODS.....13-5

13.3.1. U.S. EPA Analysis of NFCS 1987–1988; Moya and Phillips (2001) Analysis of Consumption of Home-Produced Foods.....13-5

13.3.2. Phillips and Moya (2012)—Estimation of Age-Specific Per Capita Home-Produced Food Intake Among Populations That Garden, Farm, or Raise Animals13-9

13.4. RELEVANT STUDY FOR INTAKE OF HOME-PRODUCED FOODS13-10

13.4.1. National Gardening Association (2009).....13-10

13.5. REFERENCES FOR CHAPTER 13.....13-10

APPENDIX 13A FOOD CODES AND DEFINITIONS OF MAJOR FOOD GROUPS USED IN THE ANALYSIS13A-1

APPENDIX 13B 1987–1988 NFCS FOOD CODES AND DEFINITIONS OF INDIVIDUAL FOOD ITEMS USED IN ESTIMATING THE FRACTION OF HOUSEHOLD FOOD INTAKE THAT IS HOME-PRODUCED 13B-1

Chapter 13—Intake of Home-Produced Foods

LIST OF TABLES

Table 13-1.	Summary of Recommended Values for Intake of Home-Produced Foods.....	13-2
Table 13-2.	Confidence in Recommendations for Intake of Home-Produced Foods.....	13-4
Table 13-3.	Subcategory Codes, Definitions, and Descriptions.....	13-12
Table 13-4.	Weighted and Unweighted Number of Observations (Individuals) for NFCS Data Used in Analysis of Food Intake.....	13-13
Table 13-5.	Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—All Regions Combined.....	13-14
Table 13-6.	Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—Northeast.....	13-15
Table 13-7.	Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—Midwest.....	13-16
Table 13-8.	Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—South.....	13-17
Table 13-9.	Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—West.....	13-18
Table 13-10.	Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—All Regions Combined.....	13-19
Table 13-11.	Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—Northeast.....	13-20
Table 13-12.	Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—Midwest.....	13-21
Table 13-13.	Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—South.....	13-22
Table 13-14.	Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—West.....	13-23
Table 13-15.	Consumer-Only Intake of Home-Produced Meats (g/kg-day)—All Regions Combined.....	13-24
Table 13-16.	Consumer-Only Intake of Home-Produced Meats (g/kg-day)—Northeast.....	13-25
Table 13-17.	Consumer-Only Intake of Home-Produced Meats (g/kg-day)—Midwest.....	13-26
Table 13-18.	Consumer-Only Intake of Home-Produced Meats (g/kg-day)—South.....	13-27
Table 13-19.	Consumer-Only Intake of Home-Produced Meats (g/kg-day)—West.....	13-28
Table 13-20.	Consumer-Only Intake of Home-Caught Fish (g/kg-day)—All Regions Combined.....	13-29
Table 13-21.	Consumer-Only Intake of Home-Caught Fish (g/kg-day)—Northeast.....	13-30
Table 13-22.	Consumer-Only Intake of Home-Caught Fish (g/kg-day)—Midwest.....	13-31
Table 13-23.	Consumer-Only Intake of Home-Caught Fish (g/kg-day)—South.....	13-32
Table 13-24.	Consumer-Only Intake of Home-Caught Fish (g/kg-day)—West.....	13-33
Table 13-25.	Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—All Regions.....	13-34
Table 13-26.	Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—Northeast.....	13-35
Table 13-27.	Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—Midwest.....	13-36
Table 13-28.	Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—South.....	13-37
Table 13-29.	Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—West.....	13-38
Table 13-30.	Seasonally Adjusted Consumer-Only Home-Produced Intake (g/kg-day).....	13-39
Table 13-31.	Consumer-Only Intake of Home-Produced Apples (g/kg-day).....	13-40
Table 13-32.	Consumer-Only Intake of Home-Produced Asparagus (g/kg-day).....	13-41
Table 13-33.	Consumer-Only Intake of Home-Produced Beef (g/kg-day).....	13-42
Table 13-34.	Consumer-Only Intake of Home-Produced Beets (g/kg-day).....	13-43
Table 13-35.	Consumer-Only Intake of Home-Produced Broccoli (g/kg-day).....	13-44
Table 13-36.	Consumer-Only Intake of Home-Produced Cabbage (g/kg-day).....	13-45
Table 13-37.	Consumer-Only Intake of Home-Produced Carrots (g/kg-day).....	13-46
Table 13-38.	Consumer-Only Intake of Home-Produced Corn (g/kg-day).....	13-47
Table 13-39.	Consumer-Only Intake of Home-Produced Cucumbers (g/kg-day).....	13-48
Table 13-40.	Consumer-Only Intake of Home-Produced Eggs (g/kg-day).....	13-49
Table 13-41.	Consumer-Only Intake of Home-Produced Game (g/kg-day).....	13-50
Table 13-42.	Consumer-Only Intake of Home-Produced Lettuce (g/kg-day).....	13-51
Table 13-43.	Consumer-Only Intake of Home-Produced Lima Beans (g/kg-day).....	13-52
Table 13-44.	Consumer-Only Intake of Home-Produced Okra (g/kg-day).....	13-53
Table 13-45.	Consumer-Only Intake of Home-Produced Onions (g/kg-day).....	13-54
Table 13-46.	Consumer-Only Intake of Home-Produced Other Berries (g/kg-day).....	13-55
Table 13-47.	Consumer-Only Intake of Home-Produced Peaches (g/kg-day).....	13-56
Table 13-48.	Consumer-Only Intake of Home-Produced Pears (g/kg-day).....	13-57
Table 13-49.	Consumer-Only Intake of Home-Produced Peas (g/kg-day).....	13-58
Table 13-50.	Consumer-Only Intake of Home-Produced Peppers (g/kg-day).....	13-59
Table 13-51.	Consumer-Only Intake of Home-Produced Pork (g/kg-day).....	13-60

Chapter 13—Intake of Home-Produced Foods

LIST OF TABLES (continued)

Table 13-52.	Consumer-Only Intake of Home-Produced Poultry (g/kg-day)	13-61
Table 13-53.	Consumer-Only Intake of Home-Produced Pumpkins (g/kg-day)	13-62
Table 13-54.	Consumer-Only Intake of Home-Produced Snap Beans (g/kg-day)	13-63
Table 13-55.	Consumer-Only Intake of Home-Produced Strawberries (g/kg-day)	13-64
Table 13-56.	Consumer-Only Intake of Home-Produced Tomatoes (g/kg-day)	13-65
Table 13-57.	Consumer-Only Intake of Home-Produced White Potatoes (g/kg-day)	13-66
Table 13-58.	Consumer-Only Intake of Home-Produced Exposed Fruit (g/kg-day)	13-67
Table 13-59.	Consumer-Only Intake of Home-Produced Protected Fruits (g/kg-day)	13-68
Table 13-60.	Consumer-Only Intake of Home-Produced Exposed Vegetables (g/kg-day)	13-69
Table 13-61.	Consumer-Only Intake of Home-Produced Protected Vegetables (g/kg-day)	13-70
Table 13-62.	Consumer-Only Intake of Home-Produced Root Vegetables (g/kg-day)	13-71
Table 13-63.	Consumer-Only Intake of Home-Produced Dark Green Vegetables (g/kg-day)	13-72
Table 13-64.	Consumer-Only Intake of Home-Produced Deep Yellow Vegetables (g/kg-day)	13-73
Table 13-65.	Consumer-Only Intake of Home-Produced Other Vegetables (g/kg-day)	13-74
Table 13-66.	Consumer-Only Intake of Home-Produced Citrus (g/kg-day)	13-75
Table 13-67.	Consumer-Only Intake of Home-Produced Other Fruit (g/kg-day)	13-76
Table 13-68.	Fraction of Food Intake That Is Home-Produced	13-77
Table 13-69.	Percent Weight Losses From Food Preparation	13-81
Table 13-70.	Estimated Age-Specific Per Capita Home-Produced Intake (adjusted; g/kg-day)	13-82
Table 13-71.	2008 Food Gardening by Demographic Factors	13-83
Table 13-72.	Percentage of Gardening Households Growing Different Vegetables in 2008	13-84
Table 13A-1.	Food Codes and Definitions of Major Food Groups Used in Analysis of the 1987–1988 USDA NFCS Data to Estimate Intake of Home-Produced Foods	13A-2
Table 13B-1.	Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987– 1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home- Produced	13B-2

This page intentionally left blank

Chapter 13—Intake of Home-Produced Foods

13. INTAKE OF HOME-PRODUCED FOODS

13.1. INTRODUCTION

Ingestion of home-produced foods can be a pathway for exposure to environmental contaminants. Home-produced foods can become contaminated in various ways. Ambient pollutants in the air may be deposited on plants, adsorbed onto or absorbed by the plants, or dissolved in rainfall or irrigation waters that contact the plants. Pollutants also may be adsorbed onto plant roots from contaminated soil and water. Finally, the addition of pesticides, soil additives, and fertilizers to crops or gardens may result in contamination of food products. Meat and dairy products can become contaminated if animals consume contaminated soil, water, or feed crops. Farmers, as well as rural and urban residents who consume home-produced foods, may be potentially exposed if these foods become contaminated. Exposure via the consumption of home-produced foods may be a significant route of exposure for these populations [U.S. Environmental Protection Agency (EPA) (1996, 1989)]. For example, consumption of home-produced fruits, vegetables, game, and fish has been shown to have an effect on blood lead levels in areas where soil lead contamination exists (U.S. EPA, 1994). At Superfund sites where soil contamination is found, ingestion of home-produced foods has been considered a potential route of exposure (U.S. EPA, 1993, 1991). Assessing exposures to individuals who consume home-produced foods requires knowledge of intake rates of such foods.

Data from the 1987–1988 Nationwide Food Consumption Survey (NFCS) were used to generate intake rates for home-produced foods. The methods used to analyze the 1987–1988 NFCS data are presented in Section 13.3.

13.2. RECOMMENDATIONS

The data presented in this section may be used to assess exposure to contaminants in foods grown, raised, or caught at a specific site. Table 13-1 presents the recommended values for mean and upper percentile (i.e., 95th percentile) intake rates among consumers of the various home-produced food groups. The consumer-only data presented represent average daily intake rates of food items/groups over the 7-day survey period and do not account for variations in eating habits during the rest of the year. Thus, the recommended upper-percentile values, as well as the percentiles of the distributions presented in Section 13.3.1 may not necessarily reflect the long-term distribution of average daily intake of home-produced foods. Table 13-1 also provides

mean and 95th percentile per capita intake rates for populations that garden, farm, or raise animals. Table 13-2 presents the confidence ratings for home-produced food intake.

Because the consumer-only home-produced food intake rates presented in this chapter (See Section 13.3.1) are based on foods as brought into the household and not in the form in which they are consumed, preparation loss factors should be applied as appropriate. These factors are necessary to convert intake rates to those that are representative of foods “as consumed.” The per capita data presented in this chapter (See Section 13.3.2) account for preparation and post-cooking losses. Additional conversions may be necessary for both consumer-only and per capita data to ensure that the form of the food used to estimate intake (e.g., wet or dry weight) is consistent with the form used to measure contaminant concentration (see Section 13.3).

The NFCS data used to generate intake rates of home-produced foods are more than 20 years old and may not be reflective of current eating patterns among consumers of home-produced foods. Although the U.S. Department of Agriculture (USDA) and others have conducted other food consumption studies since the release of the 1987–1988 NFCS, these studies do not include information on home-produced foods.

Because the consumer-only analysis was conducted prior to the issuance of EPA’s *Guidance on Selecting Age Groups for Monitoring and Assessing Childhood Exposures to Environmental Contaminants* (U.S. EPA, 2005), the age groups used are not entirely consistent with recent guidelines. Also, recommended home-produced food intake rates are not provided for children less than 1 year of age because the methodology used is based on the apportionment of home-produced foods used by a household among the members of that household who consume those foods. It was assumed that the diets of children under 1 year of age differ markedly from that of other household members; thus, they were not assumed to consume any portion of the home-produced food brought into the home.

Chapter 13—Intake of Home-Produced Foods

Table 13-1. Summary of Recommended Values for Intake of Home-Produced Foods				
Age Group ^a	Mean	95 th Percentile	Multiple Percentiles	Source
	g/kg-day			
Home-Produced Fruits				
Consumers Only, Unadjusted ^b				
1 to 2 years	8.7	60.6	See Table 13-5	U.S. EPA Analysis of 1987–1988 NFCS
3 to 5 years	4.1	8.9		
6 to 11 years	3.6	15.8		
12 to 19 years	1.9	8.3		
20 to 39 years	2.0	6.8		
40 to 69 years	2.7	13.0		
≥70 years	2.3	8.7		
Per Capita for Populations That Garden or Farm, Adjusted ^c				
1 to <2 years	1.0 (1.4)	4.8 (9.1)	NA	Phillips and Moya (2012)
2 to <3 years	1.0 (1.4)	4.8 (9.1)		
3 to <6 years	0.78 (1.0)	3.6 (6.8)		
6 to <11 years	0.40 (0.52)	1.9 (3.5)		
11 to <16 years	0.13 (0.17)	0.62 (1.2)		
16 to <21 years	0.13 (0.17)	0.62 (1.2)		
21 to <50 years	0.15 (0.20)	0.70 (1.3)		
50+ years	0.24 (0.31)	1.1 (2.1)		
Home-Produced Vegetables				
Consumers Only, Unadjusted ^b				
1 to 2 years	5.2	19.6	See Table 13-10	U.S. EPA Analysis of 1987–1988 NFCS
3 to 5 years	2.5	7.7		
6 to 11 years	2.0	6.2		
12 to 19 years	1.5	6.0		
20 to 39 years	1.5	4.9		
40 to 69 years	2.1	6.9		
≥70 years	2.5	8.2		
Per Capita for Populations That Garden or Farm, Adjusted ^c				
1 to <2 years	1.3 (2.7)	7.1 (14)	NA	Phillips and Moya (2012)
2 to <3 years	1.3 (2.7)	7.1 (14)		
3 to <6 years	1.1 (2.3)	6.1 (12)		
6 to <11 years	0.80 (1.6)	4.2 (8.1)		
11 to <16 years	0.56 (1.1)	3.0 (5.7)		
16 to <21 years	0.56 (1.1)	3.0 (5.7)		
21 to <50 years	0.56 (1.1)	3.0 (5.7)		
50+ years	0.60 (1.2)	3.2 (6.1)		

Chapter 13—Intake of Home-Produced Foods

Table 13-1. Summary of Recommended Values for Intake of Home-Produced Foods (continued)				
Age Group ^a	g/kg-day		Multiple Percentiles	Source
	Mean	95 th Percentile		
Home-Produced Meats				
Consumers Only, Unadjusted ^b				
1 to 2 years	3.7	10.0		
3 to 5 years	3.6	9.1		
6 to 11 years	3.7	14.0		
12 to 19 years	1.7	4.3	See Table 13-15	U.S. EPA Analysis of 1987–1988 NFCS
20 to 39 years	1.8	6.2		
40 to 69 years	1.7	5.2		
≥70 years	1.4	3.5		
Per Capita for Populations That Farm or Raise Animals, Adjusted ^c				
1 to <2 years	1.4 (1.4)	5.8 (6.0)		
2 to <3 years	1.4 (1.4)	5.8 (6.0)		
3 to <6 years	1.4 (1.4)	5.8 (6.0)		
6 to <11 years	1.0 (1.0)	4.1 (4.2)	NA	Phillips and Moya (2012)
11 to <16 years	0.71 (0.73)	3.0 (3.1)		
16 to <21 years	0.71 (0.73)	3.0 (3.1)		
21 to <50 years	0.65 (0.66)	2.7 (2.8)		
50+ years	0.51 (0.52)	2.1 (2.2)		
Home-Produced Dairy				
Per Capita for Populations That Farm or Raise Animals				
1 to <2 years	11 (13)	76 (92)		
2 to <3 years	11 (13)	76 (92)		
3 to <6 years	6.7 (8.3)	48 (58)		
6 to <11 years	3.9 (4.8)	28 (34)	NA	Phillips and Moya (2012)
11 to <16 years	1.6 (2.0)	12 (14)		
16 to <21 years	1.6 (2.0)	12 (14)		
21 to <50 years	0.95 (1.2)	6.9 (8.3)		
50+ years	0.92 (1.1)	6.7 (8.0)		
Home-Caught Fish				
Consumers Only, Unadjusted ^b				
1 to 2 years	- ^d	-		
3 to 5 years	-	-		
6 to 11 years	2.8	7.1		
12 to 19 years	1.5	4.7	See Table 13-20	U.S. EPA Analysis of 1987–1988 NFCS
20 to 39 years	1.9	4.5		
40 to 69 years	1.8	4.4		
≥70 years	1.2	3.7		
^a	Analysis was conducted prior to Agency’s issuance of <i>Guidance on Selecting Age Groups for Monitoring and Assessing Childhood Exposures to Environmental Contaminants</i> (U.S. EPA, 2005).			
^b	Not adjusted to account for preparation or post-cooking losses.			
^c	Adjusted for preparation and post-cooking losses.			
^d	Data not presented for age groups/food groups where less than 20 observations were available.			
NA	= Not available.			

Chapter 13—Intake of Home-Produced Foods

Table 13-2. Confidence in Recommendations for Intake of Home-Produced Foods		
General Assessment Factors	Rationale	Rating
Soundness		
<i>Adequacy of Approach</i>	The NFCS survey methodology and the approach to data analysis were adequate, but individual intakes were inferred from household consumption data. The sample size was large (approximately 10,000 individuals).	Medium (Means) Low (Distributions)
<i>Minimal (or Defined) Bias</i>	Non-response bias cannot be ruled out due to low response rate. Also, some biases may have occurred from using household data to estimate individual intake.	
Applicability and Utility		
<i>Exposure Factor of Interest</i>	The U.S. EPA analysis of the NFCS data specifically addressed home-produced intake.	Low (Means and short-term distributions) Low (Long-term distributions)
<i>Representativeness</i>	Data from a nationwide survey, representative of the general U.S. population was used.	
<i>Currency</i>	The data were collected in 1987–1988.	
<i>Data Collection Period</i>	Household data were collected over 1 week.	
Clarity and Completeness		
<i>Accessibility</i>	The methods used to analyze the data are described in detail in this handbook; the primary data are accessible through USDA.	High
<i>Reproducibility</i>	Sufficient details on the methods used to analyze the data are presented to allow the results to be reproduced.	
<i>Quality Assurance</i>	Quality assurance of NFCS data was good; quality control of the secondary data was sufficient.	
Variability and Uncertainty		
<i>Variability in Population</i>	Full distributions of home-produced intake rates were provided in the NFCS analysis. Phillips and Moya (2012) presented mean and 95 th percentile values.	Low to Medium
<i>Uncertainty</i>	Sources of uncertainty include: individuals' estimates of food weights, allocation of household food to family members, and potential changes in eating patterns since these data were collected.	
Evaluation and Review		
<i>Peer Review</i>	The study was reviewed by USDA and EPA.	Medium
<i>Number and Agreement of Studies</i>	There was one key study that described the primary analysis of NFCS data and 1 key study that described a secondary analysis of the NFCS home-produced data.	
Overall Rating		Low to Medium (Means and short-term distributions) Low (Long-term distributions)

Chapter 13—Intake of Home-Produced Foods

13.3. KEY STUDY FOR INTAKE OF HOME-PRODUCED FOODS

13.3.1. U.S. EPA Analysis of NFCS 1987–1988; Moya and Phillips (2001) Analysis of Consumption of Home-Produced Foods

U.S. EPA's National Center for Environmental Assessment (NCEA) analyzed USDA's 1987–1988 NFCS data to generate intake rates for home-produced foods. In addition, Moya and Phillips (2001) present a summary of these analyses. For the purposes of this study, home-produced foods were defined as home-produced fruits and vegetables, meat and dairy products derived from consumer-raised livestock or game meat, and home-caught fish.

Until 1988, USDA conducted the NFCS every 10 years to analyze the food consumption behavior and dietary status of Americans (USDA, 1992). While more recent food consumption surveys have been conducted to estimate food intake among the general population (e.g., USDA's Continuing Survey of Food Intake by Individuals [CSFII] and the National Health and Nutrition Examination Survey [NHANES]), these surveys have not collected data that can be used to estimate consumption of home-produced foods. Thus, the 1987–1988 NFCS data set is currently the best available source of information for this factor.

The 1987–1988 NFCS was conducted between April 1987 and August 1988. The survey used a statistical sampling technique designed to ensure that all seasons, geographic regions of the 48 conterminous states in the United States, and socioeconomic and demographic groups were represented (USDA, 1994). There were two components of the NFCS. The household component collected information over a 7-day period on the socioeconomic and demographic characteristics of households, as well as the types, amount, value, and sources of foods consumed by the household (USDA, 1994). Meanwhile, the individual intake component collected information on food intakes of individuals within each household over a 3-day period (USDA, 1993). The sample size for the 1987–1988 survey was approximately 4,300 households (more than 10,000 individuals; approximately 3,000 children). This was a decrease from the previous survey conducted in 1977–1978, which sampled approximately 15,000 households (more than 36,000 individuals) (USDA, 1994). The sample size was lower in the 1987–1988 survey as a result of budgetary constraints and low response rate [38% for the household survey and 31% for the individual survey; USDA (1993)].

The USDA data were adjusted by applying

sample weights calculated by USDA to the data set prior to analysis. The USDA sample weights were designed to “adjust for survey non-response and other vagaries of the sample selection process” (USDA, 1988). Also, the USDA weights are calculated “so that the weighted sample total equals the known population total, in thousands, for several characteristics thought to be correlated with eating behavior” (USDA, 1988).

The food groups selected for analysis of home-produced food intake included major food groups (i.e., total fruits, total vegetables, total meats, total dairy, total fish and shellfish) and individual food items for which greater than 30 households reported eating the home-produced form of the item; fruits and vegetables categorized as exposed, protected, and roots; and various USDA fruit and vegetable subcategories (e.g., dark green vegetables, citrus fruits). These food groups were identified in the NFCS data base according to NFCS-defined food codes. Appendix 13A presents the codes and definitions used to determine the major food groups. Foods with these codes, for which the source was identified as home-produced, were included in the analysis. The codes and definitions for individual items in these food groups, as well as other subcategories (e.g., exposed, protected, dark green, citrus) considered to be home-produced are in Appendix 13B.

Although the individual intake component of the NFCS gives the best measure of the amount of each food group eaten by each individual in the household, it could not be used directly to measure consumption of home-produced food because the individual component does not identify the source of the food item (i.e., as home-produced or not). Therefore, an analytical method that incorporated data from both the household and individual survey components was developed to estimate individual home-produced food intake.

The household data were used to determine (1) the amount of each home-produced food items used during a week by household members, and (2) the number of meals eaten in the household by each household member during a week. Note that the household survey reports the total amount of each food item used in the household (whether by guests or household members); the amount used by household members was derived by multiplying the total amount used in the household by the proportion of all meals served in the household (during the survey week) that were consumed by household members. The individual survey data were used to generate average sex- and age-specific serving sizes for each food item. The age categories used in the

Chapter 13—Intake of Home-Produced Foods

analysis were as follows: 1 to 2 years, 3 to 5 years, 6 to 11 years, 12 to 19 years, 20 to 39 years, 40 to 69 years, and 70 years and older (intake rates were not calculated for children under 1 year of age; the rationale for this is discussed after equation 13-1). The serving sizes were used during subsequent analyses to generate home-produced food intake rates for individual household members. Assuming that the proportion of the household quantity of each home-produced food item/group was a function of the number of meals and the mean sex- and age-specific serving size for each family member, individual intakes of home-produced food were calculated for all members of the survey population using the following general equation:

$$w_i = w_f \left[\frac{m_i q_i}{\sum_{i=1}^n m_i q_i} \right] \quad (\text{Eqn. 13-1})$$

where:

- w_i = Home-produced amount of food item/group attributed to member i during the week (g/week),
- w_f = Total quantity of home-produced food item/group used by the family members (g/week),
- m_i = Number of meals of household food consumed by member i during the week (meals/week), and
- q_i = Serving size for an individual within the age and sex category of the member (g/meal).

Daily intake of a home-produced food group was determined by dividing the weekly value (w_i) by 7. Intake rates were indexed to the self-reported body weight of the survey respondent and reported in units of g/kg-day. Intake rates were not calculated for children less than 1 year of age because their diet differs markedly from that of other household members, and, thus, the assumption that all members share all foods would be invalid for this age group.

For the major food groups (i.e., fruits, vegetables, meats, dairy, and fish) and individual foods consumed by at least 30 households, distributions of home-produced intake among consumers were generated for the entire data set and for the following

subcategories: age groups, urbanization categories, seasons, racial classifications, regions, and responses to a questionnaire.

Consumers were defined as members of survey households who reported consumption of the food item/group of interest during the 1-week survey period.

In addition, for the major food groups, distributions were generated for each region by season, urbanization, and responses to the questionnaire. Table 13-3 presents the codes, definitions, and a description of the data included in each of the subcategories. Intake rates were not calculated for food items/groups for which less than 30 households reported home-produced usage because the number of observations may be inadequate for generating distributions that would be representative of that segment of consumers. Fruits and vegetables were also classified as exposed, protected, or roots, as shown in Appendix 13B. *Exposed foods* are those that are grown above ground and are likely to be contaminated by pollutants deposited on surfaces of the foods that are eaten. *Protected products* are those that have outer protective coatings that are typically removed before consumption.

Distributions of intake were tabulated for these food classes for the same subcategories listed previously. Distributions were also tabulated for the following USDA food classifications: dark green vegetables, deep yellow vegetables, other vegetables, citrus fruits, and other fruits. Finally, the percentages of total intake of the food items/groups consumed within survey households that can be attributed to home production were tabulated. The percentage of intake that was home-produced was calculated as the ratio of total intake of the home-produced food item/group by the survey population to the total intake of all forms of the food by the survey population.

Percentiles of average daily intake derived from short-time intervals (e.g., 7 days) will not, in general, be reflective of long-term patterns. This is especially true in regards to consumption of many home-produced products (e.g., fruits, vegetables), where a strong seasonal component often is associated with their use. For the major food categories, to try to derive the long-term distribution of average daily intake rates from the short-term data available here, an approach was developed that attempted to account for seasonal variability in consumption. This approach used regional “seasonally adjusted distributions” to approximate regional long-term distributions and then combined these regional adjusted distributions (in proportion to

Chapter 13—Intake of Home-Produced Foods

the weights for each region) to obtain a U.S. adjusted distribution that approximated the U.S. long-term distribution. See Moya and Phillips (2001) for details.

The percentiles of the seasonally adjusted distribution for a given region were generated by averaging the corresponding percentiles of each of the four seasonal distributions of the region. More formally, the seasonally adjusted distribution for each region is such that its inverse cumulative distribution function is the average of the inverse cumulative distribution functions of each of the seasonal distributions of that region. The use of regional seasonally adjusted distributions to approximate regional long-term distributions is based on the assumption that each individual consumes the same regional percentile levels for each season and consumes at a constant weekly rate throughout a given season. For instance, if the 60th percentile weekly intake level in the South is 14.0 grams in the summer and 7.0 grams in each of the three other seasons, then the individual in the South with an average weekly intake of 14.0 grams during the summer is assumed to have an intake of 14.0 grams for each week of the summer and an intake of 7.0 grams for each week of the other seasons.

Note that the seasonally adjusted distributions were generated using the overall distributions (i.e., both consumers and non-consumers). However, because all the other distributions presented in this section are based on consumers only, the percentiles for the adjusted distributions have been revised to reflect the percentiles among consumers only. Given the assumption about how each individual consumes, the percentage consuming for the seasonally adjusted distributions gives an estimate of the percentage of the population consuming the specified food category at any time during the year.

The intake data presented in this chapter for consumers of home-produced foods and the total number of individuals surveyed may be used to calculate the mean and the percentiles of the distribution of home-produced food consumption in the overall population (consumers and non-consumers) as follows:

Assuming that IR_p is the home-produced intake rate of the food group at the p^{th} percentile and N_c is the weighted number of individuals consuming the home-produced food item, and N_T is the weighted total number of individuals surveyed, then $N_T - N_c$ is the weighted number of individuals who reported zero consumption of the food item. In addition, there are $(p / 100 \times N_c)$ individuals below the p^{th} percentile. Therefore, the percentile that corresponds to a particular intake rate (IR_p) for the overall distribution of home-produced food consumption (including

consumers and non-consumers) can be obtained by:

$$P_{\text{overall}}^{\text{th}} = 100 \times \frac{\left(\frac{p}{100} \times N_c + (N_T - N_c) \right)}{N_T} \quad (\text{Eqn. 13-2})$$

For example, the percentile of the overall population that is equivalent to the 50th percentile consumer-only intake rate for home-produced fruits would be calculated as follows:

From Table 13-5, the 50th percentile home-produced fruit intake rate (IR_{50}) is 1.07 g/kg-day. The weighted number of individuals consuming fruits (N_c) is 14,744,000. From Table 13-4, the weighted total number of individuals surveyed (N_T) is 188,019,000. The number of individuals consuming fruits below the 50th percentile is

$$p / 100 \times N_c = (0.5) \times (14,744,000) = 7,372,000$$

The number of individuals that did not consume fruit during the survey period is

$$N_T - N_c = 188,019,000 - 14,744,000 = 173,275,000$$

The total number of individuals with home-produced intake rates at or below 1.07 g/kg-day is

$$(p / 100 \times N_c) + (N_T - N_c) = 7,372,000 + 173,275,000 = 180,647,000$$

The percentile of the overall population that is represented by this intake rate is

$$P_{\text{overall}}^{\text{th}} = 100 \times (180,647,000 / 188,019,000) = 96^{\text{th}} \text{ percentile}$$

Therefore, an intake rate of 1.07 g/kg-day of home-produced fruit corresponds to the 96th percentile of the overall population.

Chapter 13—Intake of Home-Produced Foods

Following this same procedure, 5.97 g/kg-day, which is the 90th percentile of the consumers-only population, corresponds to the 99th percentile of the overall population. Likewise, 0.063 g/kg-day, which is the 1st percentile of the consumers-only population, corresponds to the 92nd percentile of the overall population. Note that the consumers-only distribution corresponds to the tail of the distribution for the overall population. Consumption rates below the 92nd percentile are very close to zero. The mean intake rate for the overall population can be calculated by multiplying the mean intake rate among consumers by the proportion of individuals consuming the home-produced food item N_c / N_T .

Table 13-4 displays the weighted numbers N_T and the unweighted total survey sample sizes for each subcategory and overall. Note that the total unweighted number of observations in Table 13-4 (9,852) is somewhat lower than the number of observations reported by USDA; this study only used observations for family members for which age and body weight were specified.

The intake rate distributions (among consumers) for total home-produced fruits, vegetables, meats, fish, and dairy products are shown, respectively, in Table 13-5 through Table 13-29. These tables also show the proportion of respondents consuming the item during the (1-week) survey period. Home-produced vegetables were the most commonly consumed of the major food groups (18.3%), followed by fruit (7.8%), meat (4.9%), fish (2.1%), and dairy products (0.7%). The intake rates for the major food groups varied according to region, age, urbanization code, race, and responses to survey questions. In general, intake rates of home-produced foods were higher among populations in non-metropolitan and suburban areas and lowest in central city areas. Results of the regional analyses indicate that intake of home-produced fruits, vegetables, meat, and dairy products was generally highest for individuals in the Midwest and South regions and lowest for those in the Northeast region. Intake rates of home-caught fish were generally highest among consumers in the South. Home-produced intake was generally higher among individuals who indicated that they operate a farm, grow their own vegetables, raise animals, and catch their own fish. The results of the seasonal analyses for all regions combined indicate that, in general, home-produced fruits and vegetables were eaten at a higher rate in summer and home-caught fish was consumed at a higher rate in spring; however, seasonal intake varied based on individual regions. Table 13-30 presents seasonally adjusted intake rate distributions for the major food groups.

Table 13-31 through Table 13-57 show distributions of intake for individual home-produced food items for households that reported consuming the home-produced form of the food during the survey period. Intake rate distributions among consumers for home-produced foods categorized as exposed fruits and vegetables, protected fruits and vegetables, and root vegetables are presented in Table 13-58 through Table 13-62; the intake distributions for various USDA classifications (e.g., dark green vegetables) are presented in Table 13-63 through Table 13-67. The results are presented in units of g/kg-day. Table 13-68 presents the fraction of household intake attributed to home-produced forms of the food items/groups evaluated. Thus, use of these data in calculating potential dose does not require the body-weight factor to be included in the denominator of the average daily dose in equation 1-2 in Chapter 1. Note that converting these intake rates into units of g/day by multiplying by a single average body weight is inappropriate, because individual intake rates were indexed to the reported body weights of the survey respondents.

As mentioned previously, the intake rates derived in this section are based on the amount of household food consumption. As measured by the NFCS, the amount of food consumed by the household is a measure of consumption in an economic sense (i.e., a measure of the weight of food brought into the household that has been consumed [used up] in some manner). In addition to food being consumed by persons, food may be used up by spoiling, by being discarded (e.g., inedible parts), through cooking processes, and other methods.

USDA estimated preparation losses for various foods (USDA, 1975). For meats, a net cooking loss, which includes dripping and volatile losses, and a net post-cooking loss, which involves losses from cutting, bones, excess fat, scraps and juices, were derived for a variety of cuts and cooking methods. For each meat type, U.S. EPA has averaged these losses across all cuts and cooking methods to obtain a mean net cooking loss and a mean net post-cooking loss. Table 13-69 provides mean percentage values for all meats and fish. For individual fruits and vegetables, USDA (1975) also gave cooking and post-cooking losses. These data, averaged across all types of fruits and vegetables to give mean net cooking and post-cooking losses, also are provided in Table 13-69.

The formula presented in equation 13-3 can be used to convert the home-produced intake rates tabulated here to rates reflecting actual consumption:

Chapter 13—Intake of Home-Produced Foods

$$I_A = I \times (1 - L_1) \times (1 - L_2) \quad (\text{Eqn. 13-3})$$

where:

- I_A = the adjusted intake rate,
- I = the tabulated intake rate,
- L_1 = the cooking or preparation loss, and
- L_2 = the post-cooking loss.

Corrections based on post-cooking losses only apply to fruits that are eaten in cooked forms. For raw forms of the fruits, paring or preparation loss data should be used to correct for losses from the removal of skin, peel, core, caps, pits, stems, and defects, or from the draining of liquids from canned or frozen forms. To obtain preparation losses for food categories, the preparation losses of the individual foods making up the category can be averaged.

In calculating ingestion exposure, assessors should use consistent forms (e.g., as consumed or dry weight) in combining intake rates with contaminant concentrations (see Chapter 9).

The USDA NFCS data set is the largest publicly available source of information on home-produced food consumption habits in the United States. The advantages of using this data set are that it is expected to be representative of the U.S. population and that it provides information on a wide variety of food groups. However, the data collected by the USDA NFCS are based on short-term dietary recall, and the intake distributions generated from this data set may not accurately reflect long-term intake patterns, particularly with the tails (extremes) of the distributions. Also, the two survey components (i.e., household and individual) do not define food items/groups in a consistent manner; as a result, some errors may be introduced into these analyses because the two survey components are linked. The results presented in this chapter also may be biased by assumptions that are inherent in the analytical method utilized. The analytical method may not capture all high-end consumers within households because average serving sizes are used in calculating the proportion of home-produced food consumed by each household member. Thus, for instance, in a two-person household in which one member had high intake and another had low intake, the method used would assume that both members had an equal and moderate level of intake. In addition, the analyses assume that all family members consume a portion of the home-produced food used within the household. However, not all family members may consume each home-produced food item, and serving sizes allocated

in this instance may not be entirely representative of the portion of household foods consumed by each family member. As was mentioned earlier, no analyses were performed for children under 1 year of age.

The preparation loss factors discussed previously are intended to convert intake rates based on “household consumption” to rates reflective of what individuals actually consume. However, these factors do not include losses to spoilage, feeding to pets, food thrown away, and other methods. It also should be noted that because this analysis is based on the 1987–1988 NFCS, it may not reflect recent changes in food consumption patterns. The low response rate associated with the 1987–1988 NFCS also contributes to the uncertainty of the home-produced intake rates generated using these data.

13.3.2. Phillips and Moya (2012)—Estimation of Age-Specific Per Capita Home-Produced Food Intake Among Populations That Garden, Farm, or Raise Animals

Phillips and Moya (2012) used the consumer intake data for home-produced fruits, vegetables, meats, and dairy products from the analysis described in Section 13.3.1 to estimate per capita intake rates for the populations that garden, farm, or raise animals. The consumer-only intake values in Section 13.3.1 are based on short-term dietary survey data and may be appropriate for estimating short-term intake, but may over-estimate exposure over longer time periods. Also, the intake rates in Section 13.3.1 represent intake of foods brought into the household and have not been adjusted to account for preparation losses and post-cooking losses. Phillips and Moya (2012) converted the distribution of consumer-only intake rates for populations that garden, farm, and raise animals to the distribution of per capita rates using equation 13-2 and adjusted these data to account for preparation losses and post-cooking losses using equation 13-3. Data for households that garden, farm, or raise animals were used because they were assumed to represent both households who ate home-produced foods during the survey period as well as those who did not eat home-produced foods during the survey period, but may eat these foods at some other time during the year. Also, the data in Section 13.3.1 for the populations that garden, farm, or raise animals are not provided by age group, but represent data for all ages of the survey population combined. Phillips and Moya (2012) calculated age-specific intake rates using ratios of age-specific dietary intake to total population intake rates, based on survey data for intake of total fruits, vegetables,

Chapter 13—Intake of Home-Produced Foods

meats, and dairy from all sources (i.e., both home-produced and commercial sources) from the 1994-1996, 1998 CSFII, as described in Chapters 9 and 11. The age groups used are those recommended in U.S. EPA (2005). Age-specific intake mean and 95th percentile intake rates were estimated as: age-specific ratio \times mean (or 95th percentile) per capita intake for the total population, where the age-specific ratio = age-specific mean per capita total intake (g/kg-day)/ total population mean per capita total intake (g/kg-day). Table 13-70 provides the both the adjusted and unadjusted estimated mean and 95th per-capita intake rates for the total populations that garden, farm, and raise animals. Table 13-70 also provides age-specific per capita intake rates based on data that have been adjusted to account for preparation and post-cooking losses.

The advantages of this analysis are that it provides data for populations that may be of particular interest because they may represent the high-end of the per capita home-produced food intake distribution (Phillips and Moya, 2012), and that age-specific intake rates are provided for the age groups recommended by U.S. EPA (2005). However, it should be noted that these estimates are based on data that are more than 20 years old and may not reflect recent changes in consumption patterns. Also, the data for children less than 1 year of age are considered to be less certain than for other age groups because the diets of children in this age range would be expected to be highly variable (Phillips and Moya, 2012). Other limitations associated with this analysis are the same as those described in Section 13.3.1 for the analysis of the NFCS data.

13.4. RELEVANT STUDY FOR INTAKE OF HOME-PRODUCED FOODS

13.4.1. National Gardening Association (2009)

According to a survey by the National Gardening Association (2009), an estimated 36 million (or 31%) of U.S. households participated in food gardening in 2008. Food gardening includes growing vegetables, berries, fruit, and herbs. Of the estimated 36 million food-gardening households, 23% participated in vegetable gardening, 12% participated in herb gardening, 10% participated in growing fruit trees, and 6% grew berries. Table 13-71 contains demographic data on food gardening in 2008 by sex, age, education, household income, and household size. Table 13-72 contains information on the types of vegetables grown by home gardeners in 2008. Tomatoes, cucumbers, peppers, beans, carrots, summer squash, onions, lettuce, peas, and corn are among the vegetables grown by the largest

percentage of gardeners.

13.5. REFERENCES FOR CHAPTER 13

- Moya, J; Phillips, L. (2001). Analysis of consumption of home-produced foods. *J Expo Anal Environ Epidemiol* 11: 398-406.
<http://dx.doi.org/10.1038/sj.jea.7500181>.
- NGA (National Gardening Association). (2009). *The impact of home and community gardening in America*. South Burlington, VT.
- Phillips, L; Moya, J. (2012). Estimation of age-specific per capita home-produced food intake among populations that garden, farm, or raise animals. *J Expo Sci Environ Epidemiol* 22: 101-108.
<http://dx.doi.org/10.1038/jes.2011.17>.
- U.S. EPA (U.S. Environmental Protection Agency). (1989). *Risk assessment guidance for superfund: Volume 1: Human health evaluation manual (part A): Interim final [EPA Report]*. (EPA/540/1-89/002). Washington, DC: U.S. Environmental Protection Agency, Office of Emergency and Remedial Response.
http://www.epa.gov/oswer/riskassessment/ra_gsa/index.htm.
- U.S. EPA (U.S. Environmental Protection Agency). (1991). *Superfund record of decision: Union Pacific Railroad Yard, ID*. (EPA/ROD/R10-91/029).
<http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=91000XC0.txt>.
- U.S. EPA (U.S. Environmental Protection Agency). (1993). *Superfund Record of Decision (EPA Region 4): USDOE Oak Ridge Reservation, Operable Unit 16, Oak Ridge, TN., September 1993*. (EPARODR0493166).
<http://www.ntis.gov/search/product.aspx?A=BBR=PB94964021>.
- U.S. EPA (U.S. Environmental Protection Agency). (1994). *Validation strategy for the integrated exposure uptake biokinetic model for lead in children*. (EPA/540/R-94/039). Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.
<http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=20012SIX.txt>.
- U.S. EPA (U.S. Environmental Protection Agency). (1996). *Soil screening fact sheet guidance*. (EPA/540/F-95/041). Washington, DC.
<http://www.epa.gov/superfund/health/conmedia/soil/index.htm>.
- U.S. EPA (U.S. Environmental Protection Agency).

Chapter 13—Intake of Home-Produced Foods

- (2005). Guidance on selecting age groups for monitoring and assessing childhood exposures to environmental contaminants (final). (EPA/630/P-03/003F). Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum.
<http://www.epa.gov/raf/publications/guidance-on-selecting-age-groups.htm>.
- USDA (U.S. Department of Agriculture). (1975). Food yields summarized by different stages of preparation: Agricultural Handbook No. 102. Washington, DC.
- USDA (U.S. Department of Agriculture). (1988). Dataset: Nationwide food consumption survey 1987/88 household food use. Washington, DC.
- USDA (U.S. Department of Agriculture). (1992). Changes in food consumption and expenditures in American households during the 1980s. (Statistical Bulletin No. 849). Washington, DC.
- USDA (U.S. Department of Agriculture). (1993). Food and nutrient intakes by individuals in the United States, 1 day, 1987-88. Nationwide Food Consumption Survey 1987-88. (Report no. 87-I-1). Washington, DC.
http://www.ars.usda.gov/SP2UserFiles/Place/12355000/pdf/8788/nfcs8788_rep_87-i-1.pdf.
- USDA (U.S. Department of Agriculture). (1994). Food consumption and dietary levels of households in the United States, 1987-1988. Washington, DC.

Table 13-3. Subcategory Codes, Definitions, and Descriptions		
Code	Definition	Description
Region^a		
1	Northeast	Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.
2	Midwest	Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.
3	South	Includes Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.
4	West	Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.
Urbanization		
1	Central City	Cities with populations of 50,000 or more that is the main city within the metropolitan statistical area (MSA).
2	Suburban	An area that is generally within the boundaries of an MSA but is not within the legal limit of the central city.
3	Non-metropolitan	An area that is not within an MSA.
Race		
1	--	White (Caucasian)
2	--	Black
3	--	Asian and Pacific Islander
4	--	Native American, Aleuts, and Eskimos
5, 8, 9	Other/NA	Don't know, no answer, some other race
Responses to Survey Questions		
Grow	Question 75	Did anyone in the household grow any vegetables or fruit for use in the household?
Raise Animals	Question 76	Did anyone in the household produce any animal products such as milk, eggs, meat, or poultry for home use in your household?
Fish/Hunt	Question 77	Did anyone in the household catch any fish or shoot game for home use?
Farm	Question 79	Did anyone in the household operate a farm or ranch?
Season		
Spring	-	April, May, June
Summer	-	July, August, September
Fall	-	October, November, December
Winter	-	January, February, March
^a Alaska and Hawaii were not included. Source: USDA (1988).		

Table 13-4. Weighted and Unweighted Number of Observations (Individuals) for NFCS Data Used in Analysis of Food Intake										
	All Regions		Northeast		Midwest		South		West	
	wgtd	unwgtd	wgtd	unwgtd	wgtd	unwgtd	wgtd	unwgtd	wgtd	unwgtd
Total	188,019,000	9,852	41,167,000	2,018	46,395,000	2,592	64,331,000	3,399	36,066,000	1,841
Age (years)										
< 1	2,814,000	156	545,000	29	812,000	44	889,000	51	568,000	32
1 to 2	5,699,000	321	1,070,000	56	1,757,000	101	1,792,000	105	1,080,000	59
3 to 5	8,103,000	461	1,490,000	92	2,251,000	133	2,543,000	140	1,789,000	95
6 to 11	16,711,000	937	3,589,000	185	4,263,000	263	5,217,000	284	3,612,000	204
12 to 19	20,488,000	1,084	4,445,000	210	5,490,000	310	6,720,000	369	3,833,000	195
20 to 39	61,606,000	3,058	12,699,000	600	15,627,000	823	21,786,000	1,070	11,494,000	565
40 to 69	56,718,000	3,039	13,500,000	670	13,006,000	740	19,635,000	1,080	10,577,000	549
≥ 70	15,880,000	796	3,829,000	176	3,189,000	178	5,749,000	300	3,113,000	142
Season										
Fall	47,667,000	1,577	9,386,000	277	14,399,000	496	13,186,000	439	10,696,000	365
Spring	46,155,000	3,954	10,538,000	803	10,657,000	1,026	16,802,000	1,437	8,158,000	688
Summer	45,485,000	1,423	9,460,000	275	10,227,000	338	17,752,000	562	7,986,000	246
Winter	48,712,000	2,898	11,783,000	663	11,112,000	732	16,591,000	961	9,226,000	542
Urbanization										
Central City	56,352,000	2,217	9,668,000	332	17,397,000	681	17,245,000	715	12,042,000	489
Non-metropolitan	45,023,000	3,001	5,521,000	369	14,296,000	1,053	19,100,000	1,197	6,106,000	382
Suburban	86,584,000	4,632	25,978,000	1,317	14,702,000	858	27,986,000	1,487	17,918,000	970
Race										
Asian	2,413,000	114	333,000	13	849,000	37	654,000	32	577,000	32
Black	21,746,000	1,116	3,542,000	132	2,794,000	126	13,701,000	772	1,709,000	86
Native American	1,482,000	91	38,000	4	116,000	6	162,000	8	1,166,000	73
Other/NA	4,787,000	235	1,084,000	51	966,000	37	1,545,000	86	1,192,000	61
White	157,531,000	8,294	36,170,000	1,818	41,670,000	2,386	48,269,000	2,501	31,422,000	1,589
Response to Questionnaire										
Do you garden?	6,8152,000	3,744	12,501,000	667	22,348,000	1,272	20,518,000	1,136	12,725,000	667
Do you raise animals?	10,097,000	631	1,178,000	70	3,742,000	247	2,603,000	162	2,574,000	152
Do you hunt?	20,216,000	1,148	3,418,000	194	6,948,000	411	6,610,000	366	3,240,000	177
Do you fish?	39,733,000	2,194	5,950,000	321	12,621,000	725	13,595,000	756	7,567,000	392
Do you farm?	7,329,000	435	830,000	42	2,681,000	173	2,232,000	130	1,586,000	90

Source: Based on EPA's analyses of the 1987–1988 NFCS.

Table 13-5. Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—All Regions Combined

Population Group	Nc wgtd	Nc Unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	14,744,000	817	7.84	2.68	0.19	0.06	0.17	0.28	0.50	1.07	2.37	5.97	11.10	24.00	60.60
Age (years)															
1 to 2	360,000	23	6.32	8.74	3.10	0.96	1.09	1.30	1.64	3.48	7.98	19.30	60.60	60.60	60.60
3 to 5	550,000	34	6.79	4.07	1.48	0.01	0.01	0.36	0.98	1.92	2.73	6.02	8.91	48.30	48.30
6 to 11	1,044,000	75	6.25	3.59	0.68	0.01	0.19	0.40	0.70	1.31	3.08	11.80	15.80	32.20	32.20
12 to 19	1,189,000	67	5.80	1.94	0.37	0.09	0.13	0.27	0.44	0.66	2.35	6.76	8.34	18.50	18.50
20 to 39	3,163,000	164	5.13	1.95	0.33	0.08	0.13	0.20	0.37	0.70	1.77	4.17	6.84	16.10	37.00
40 to 69	5,633,000	309	9.93	2.66	0.30	0.06	0.19	0.29	0.47	1.03	2.33	5.81	13.00	23.80	53.30
≥ 70	2,620,000	134	16.50	2.25	0.23	0.04	0.22	0.38	0.61	1.18	2.35	5.21	8.69	11.70	15.30
Season															
Fall	3,137,000	108	6.58	1.57	0.16	0.26	0.30	0.39	0.57	1.04	1.92	3.48	4.97	10.60	10.60
Spring	2,963,000	301	6.42	1.58	0.14	0.09	0.20	0.25	0.42	0.86	1.70	4.07	5.10	8.12	31.70
Summer	4,356,000	145	9.58	3.86	0.64	0.01	0.09	0.16	0.45	1.26	3.31	10.90	14.60	53.30	60.60
Winter	4,288,000	263	8.80	3.08	0.34	0.04	0.17	0.27	0.56	1.15	2.61	8.04	15.30	24.90	48.30
Urbanization															
Central City	3,668,000	143	6.51	2.31	0.26	0.04	0.18	0.33	0.57	1.08	2.46	5.34	10.50	14.30	19.30
Non-metropolitan	4,118,000	278	9.15	2.41	0.31	0.06	0.13	0.23	0.45	1.15	2.42	4.46	8.34	24.00	53.30
Suburban	6,898,000	394	7.97	3.07	0.32	0.13	0.23	0.30	0.49	0.99	2.33	7.26	15.20	37.00	60.60
Race															
Black	450,000	20	2.07	1.87	0.85	0.13	0.28	0.46	0.61	1.13	1.53	2.29	2.29	19.30	19.30
White	14,185,000	793	9.00	2.73	0.19	0.07	0.18	0.28	0.51	1.07	2.46	6.10	11.70	24.00	60.60
Response to Questionnaire															
Households who garden	12,742,000	709	18.70	2.79	0.21	0.06	0.18	0.29	0.53	1.12	2.50	6.10	11.80	24.90	60.60
Households who farm	1,917,000	112	26.16	2.58	0.26	0.07	0.28	0.41	0.75	1.61	3.62	5.97	7.82	15.80	15.80
SE = Standard error. p = Percentile of the distribution. Nc wgtd = Weighted number of consumers. Nc unwgtd = Unweighted number of consumers in survey.															
Source: Moya and Phillips (2001). (Based on EPA's analyses of the 1987–1988 NFCS.)															

Table 13-6. Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—Northeast

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,279,000	72	3.11	0.93	0.22	0.08	0.08	0.16	0.31	0.49	0.78	1.29	2.16	11.70	11.70
Season															
Fall	260,000	8	2.77	*	*	*	*	*	*	*	*	*	*	*	*
Spring	352,000	31	3.34	0.88	0.23	0.09	0.16	0.17	0.29	0.49	0.88	1.83	2.16	7.13	7.13
Summer	271,000	9	2.86	*	*	*	*	*	*	*	*	*	*	*	*
Winter	396,000	24	3.36	0.71	0.11	0.18	0.21	0.23	0.29	0.54	0.88	1.38	1.79	2.75	2.75
Urbanization															
Central City	50,000	3	0.52	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	176,000	10	3.19	*	*	*	*	*	*	*	*	*	*	*	*
Suburban	1,053,000	59	4.05	1.05	0.26	0.18	0.23	0.29	0.44	0.54	0.81	1.29	2.75	11.70	11.70
Response to Questionnaire															
Households who garden	983,000	59	7.86	1.04	0.26	0.09	0.18	0.21	0.38	0.54	0.88	1.38	2.75	11.70	11.70
Households who farm	132,000	4	15.90	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-7. Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—Midwest

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	4,683,000	302	10.09	3.01	0.41	0.04	0.13	0.24	0.47	1.03	2.31	6.76	13.90	53.30	60.60
Season															
Fall	1,138,000	43	7.90	1.54	0.19	0.26	0.30	0.47	0.61	1.07	1.92	3.48	4.34	5.33	5.33
Spring	1,154,000	133	10.83	1.69	0.28	0.09	0.21	0.26	0.42	0.92	1.72	2.89	4.47	16.00	31.70
Summer	1,299,000	44	12.70	7.03	1.85	0.06	0.09	0.13	0.43	1.55	8.34	16.10	37.00	60.60	60.60
Winter	1,092,000	82	9.83	1.18	0.18	0.03	0.06	0.15	0.36	0.61	1.42	2.61	3.73	10.90	10.90
Urbanization															
Central City	1,058,000	42	6.08	1.84	0.39	0.04	0.10	0.26	0.52	1.07	1.90	2.82	9.74	10.90	10.90
Non-metropolitan	1,920,000	147	13.43	2.52	0.54	0.06	0.11	0.15	0.40	1.03	2.07	4.43	6.84	53.30	53.30
Suburban	1,705,000	113	11.60	4.29	0.87	0.09	0.20	0.31	0.48	0.76	3.01	13.90	18.00	60.60	60.60
Response to Questionnaire															
Households who garden	4,060,000	267	18.17	3.27	0.47	0.04	0.10	0.20	0.45	1.07	2.37	7.15	14.60	53.30	60.60
Households who farm	694,000	57	25.89	2.59	0.30	0.06	0.19	0.41	1.26	1.63	3.89	6.76	8.34	11.10	11.10
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-8. Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—South

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	4,148,000	208	6.45	2.97	0.30	0.11	0.24	0.36	0.60	1.35	3.01	8.18	14.10	23.80	24.00
Season															
Fall	896,000	29	6.80	1.99	0.44	0.39	0.43	0.45	0.65	1.13	1.96	4.97	8.18	10.60	10.60
Spring	620,000	59	3.69	2.05	0.26	0.16	0.28	0.31	0.45	1.06	4.09	5.01	6.58	7.05	7.05
Summer	1,328,000	46	7.48	2.84	0.65	0.08	0.16	0.27	0.44	1.31	2.83	6.10	14.30	24.00	24.00
Winter	1,304,000	74	7.86	4.21	0.65	0.11	0.24	0.38	0.89	1.88	3.71	14.10	19.70	23.80	23.80
Urbanization															
Central City	1,066,000	39	6.18	3.33	0.54	0.24	0.39	0.46	0.83	2.55	4.77	8.18	10.60	14.30	14.30
Non-metropolitan	1,548,000	89	8.10	2.56	0.39	0.08	0.27	0.34	0.61	1.40	2.83	5.97	10.40	24.00	24.00
Suburban	1,534,000	80	5.48	3.14	0.60	0.11	0.16	0.28	0.51	1.10	2.29	11.80	15.50	23.80	23.80
Response to Questionnaire															
Households who garden	3,469,000	174	16.91	2.82	0.29	0.16	0.28	0.38	0.65	1.39	2.94	6.10	14.10	21.10	24.00
Households who farm	296,000	16	13.26	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-9. Consumer-Only Intake of Home-Produced Fruits (g/kg-day)—West

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	4,574,000	233	12.68	2.62	0.31	0.15	0.28	0.33	0.62	1.20	2.42	5.39	10.90	24.90	48.30
Season															
Fall	843,000	28	7.88	1.47	0.25	0.29	0.29	0.30	0.48	1.04	2.15	2.99	4.65	5.39	5.39
Spring	837,000	78	10.26	1.37	0.16	0.17	0.20	0.25	0.51	0.98	1.61	2.95	5.29	6.68	7.02
Summer	1,398,000	44	17.51	2.47	0.47	0.19	0.28	0.40	0.62	1.28	3.14	7.26	10.90	13.00	13.00
Winter	1,496,000	83	16.22	4.10	0.79	0.07	0.30	0.33	0.77	1.51	3.74	11.10	18.50	48.30	48.30
Urbanization															
Central City	1,494,000	59	12.41	1.99	0.42	0.07	0.24	0.34	0.53	0.86	2.04	4.63	9.52	19.30	19.30
Non-metropolitan	474,000	32	7.76	2.24	0.53	0.18	0.28	0.42	0.63	0.77	2.64	4.25	10.90	10.90	10.90
Suburban	2,606,000	142	14.54	3.04	0.46	0.18	0.28	0.31	0.71	1.39	3.14	5.81	10.30	32.20	48.30
Response to Questionnaire															
Households who garden	4,170,000	207	32.77	2.76	0.34	0.10	0.28	0.31	0.63	1.20	2.54	5.81	10.90	24.90	48.30
Households who farm	795,000	35	50.13	1.85	0.26	0.28	0.28	0.60	0.71	1.26	2.50	4.63	5.00	6.81	6.81
SE = Standard error. p = Percentile of the distribution. Nc wgtd = Weighted number of consumers. Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-10. Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—All Regions Combined

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	34,392,000	1,855	18.29	2.08	0.07	0.00	0.11	0.18	0.45	1.11	2.47	5.20	7.54	15.50	27.00
Age															
1 to 2	951,000	53	16.69	5.20	0.85	0.02	0.25	0.38	1.23	3.27	5.83	13.10	19.60	27.00	27.00
3 to 5	1,235,000	76	15.24	2.46	0.28	0.00	0.05	0.39	0.71	1.25	3.91	6.35	7.74	10.60	12.80
6 to 11	3,024,000	171	18.10	2.02	0.25	0.01	0.10	0.16	0.40	0.89	2.21	4.64	6.16	17.60	23.60
12 to 19	3,293,000	183	16.07	1.48	0.14	0.00	0.06	0.15	0.32	0.81	1.83	3.71	6.03	7.71	9.04
20 to 39	8,593,000	437	13.95	1.47	0.10	0.02	0.08	0.16	0.27	0.76	1.91	3.44	4.92	10.50	20.60
40 to 69	12,828,000	700	22.62	2.07	0.10	0.01	0.12	0.21	0.53	1.18	2.47	5.12	6.94	14.90	22.90
≥ 70	4,002,000	211	25.20	2.51	0.19	0.01	0.15	0.24	0.58	1.37	3.69	6.35	8.20	12.50	15.50
Season															
Fall	11,026,000	394	23.13	1.88	0.13	0.05	0.11	0.18	0.41	0.98	2.11	4.88	6.94	12.50	18.90
Spring	6,540,000	661	14.17	1.36	0.07	0.00	0.04	0.14	0.32	0.70	1.63	3.37	5.21	8.35	23.60
Summer	11,081,000	375	24.36	2.86	0.19	0.07	0.16	0.22	0.71	1.62	3.44	6.99	9.75	18.70	27.00
Winter	5,745,000	425	11.79	1.79	0.11	0.00	0.04	0.16	0.47	1.05	2.27	3.85	6.01	10.60	20.60
Urbanization															
Central City	6,183,000	228	10.97	1.40	0.12	0.01	0.07	0.15	0.30	0.75	1.67	3.83	4.67	9.96	16.60
Non-metropolitan	13,808,000	878	30.67	2.68	0.12	0.02	0.16	0.26	0.60	1.45	3.27	6.35	9.33	17.50	27.00
Suburban	14,341,000	747	16.56	1.82	0.09	0.00	0.11	0.16	0.39	0.96	2.18	4.32	6.78	12.50	20.60
Race															
Black	1,872,000	111	8.61	1.78	0.23	0.00	0.08	0.14	0.44	0.93	2.06	4.68	5.70	8.20	18.90
White	31,917,000	1,714	20.26	2.10	0.07	0.01	0.11	0.18	0.45	1.12	2.48	5.18	7.68	15.50	27.00
Response to Questionnaire															
Households who garden	30,217,000	1,643	44.34	2.17	0.07	0.01	0.11	0.19	0.48	1.18	2.68	5.35	7.72	15.50	23.60
Households who farm	4,319,000	262	58.93	3.29	0.25	0.00	0.16	0.29	0.85	1.67	3.61	8.88	11.80	17.60	23.60
SE = Standard error. p = Percentile of the distribution. Nc wgtd = Weighted number of consumers. Nc unwgtd = Unweighted number of consumers in survey.															
Source: Moya and Phillips (2001). (Based on EPA's analyses of the 1987–1988 NCFs.)															

Table 13-11. Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—Northeast

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	4,883,000	236	11.86	1.78	0.17	0.00	0.08	0.14	0.28	0.75	1.89	6.03	7.82	12.70	14.90
Season															
Fall	1,396,000	41	14.87	1.49	0.41	0.08	0.13	0.17	0.27	0.58	1.17	6.64	9.97	10.20	10.20
Spring	1,204,000	102	11.43	0.82	0.11	0.00	0.00	0.04	0.17	0.46	0.95	2.26	3.11	6.52	6.78
Summer	1,544,000	48	16.32	2.83	0.47	0.11	0.15	0.16	0.74	1.29	3.63	7.82	9.75	14.90	14.90
Winter	739,000	45	6.27	1.67	0.27	0.00	0.00	0.09	0.26	1.25	2.77	3.63	6.10	8.44	8.44
Urbanization															
Central City	380,000	14	3.93	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	787,000	48	14.25	3.05	0.54	0.00	0.05	0.11	0.20	2.18	4.61	9.04	12.70	14.90	14.90
Suburban	3,716,000	174	14.30	1.59	0.17	0.00	0.08	0.14	0.28	0.72	1.64	4.82	6.80	10.20	10.20
Response to Questionnaire															
Households who garden	4,381,000	211	35.05	1.92	0.18	0.00	0.08	0.14	0.31	0.88	2.18	6.16	7.82	12.70	14.90
Households who farm	352,000	19	42.41	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-12. Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—Midwest

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	12,160,000	699	26.21	2.26	0.12	0.02	0.08	0.18	0.49	1.15	2.58	5.64	7.74	17.50	23.60
Season															
Fall	4,914,000	180	34.13	1.84	0.18	0.01	0.07	0.16	0.42	1.03	2.10	5.27	6.88	13.10	13.10
Spring	2,048,000	246	19.22	1.65	0.15	0.06	0.15	0.22	0.46	0.91	1.72	4.49	5.83	12.80	23.60
Summer	3,319,000	115	32.45	3.38	0.39	0.11	0.16	0.30	0.85	2.07	3.94	7.72	14.00	19.60	22.90
Winter	1,879,000	158	16.91	2.05	0.26	0.00	0.02	0.07	0.36	0.88	2.13	5.32	7.83	16.70	20.60
Urbanization															
Central City	3,177,000	113	18.26	1.36	0.19	0.00	0.06	0.11	0.25	0.71	1.67	3.94	5.50	9.96	16.60
Non-metropolitan	5,344,000	379	37.38	2.73	0.19	0.02	0.11	0.26	0.60	1.31	3.15	7.19	10.60	17.50	23.60
Suburban	3,639,000	207	24.75	2.35	0.22	0.03	0.15	0.22	0.64	1.39	2.75	4.87	7.18	19.60	20.60
Response to Questionnaire															
Households who garden	10,927,000	632	48.89	2.33	0.13	0.02	0.10	0.18	0.50	1.18	2.74	5.81	7.75	16.70	23.60
Households who farm	1,401,000	104	52.26	3.97	0.43	0.14	0.34	0.55	0.87	2.18	5.24	10.60	14.40	17.50	23.60
SE = Standard error. p = Percentile of the distribution. Nc wgtd = Weighted number of consumers. Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-13. Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—South

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	11,254,000	618	17.49	2.19	0.12	0.03	0.16	0.24	0.56	1.24	2.69	4.92	7.43	17.00	27.00
Season															
Fall	2,875,000	101	21.80	2.07	0.28	0.10	0.11	0.19	0.52	1.14	2.69	4.48	6.02	15.50	18.90
Spring	2,096,000	214	12.47	1.55	0.11	0.01	0.09	0.26	0.53	0.94	2.07	3.58	4.81	8.35	10.30
Summer	4,273,000	151	24.07	2.73	0.32	0.11	0.17	0.25	0.62	1.54	3.15	5.99	9.70	23.60	27.00
Winter	2,010,000	152	12.12	1.88	0.14	0.00	0.16	0.35	0.64	1.37	2.69	3.79	5.35	7.47	8.36
Urbanization															
Central City	1,144,000	45	6.63	1.10	0.16	0.01	0.10	0.15	0.26	0.62	1.37	2.79	3.70	4.21	4.58
Non-metropolitan	6,565,000	386	34.37	2.78	0.18	0.05	0.22	0.35	0.71	1.66	3.31	5.99	9.56	18.90	27.00
Suburban	3,545,000	187	12.67	1.44	0.11	0.00	0.11	0.20	0.40	0.93	1.72	3.61	5.26	8.20	8.20
Response to Questionnaire															
Households who garden	9,447,000	522	46.04	2.27	0.12	0.03	0.16	0.26	0.61	1.37	3.02	5.18	7.43	15.50	23.60
Households who farm	1,609,000	91	72.09	3.34	0.46	0.00	0.13	0.23	1.03	1.72	3.15	9.56	11.80	23.60	23.60
SE = Standard error. p = Percentile of the distribution. Nc wgtd = Weighted number of consumers. Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-14. Consumer-Only Intake of Home-Produced Vegetables (g/kg-day)—West

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	6,035,000	300	16.73	1.81	0.14	0.01	0.10	0.17	0.38	0.90	2.21	4.64	6.21	11.40	15.50
Season															
Fall	1,841,000	72	17.21	2.01	0.29	0.10	0.15	0.20	0.48	1.21	2.21	4.85	7.72	12.50	12.50
Spring	1,192,000	99	14.61	1.06	0.17	0.00	0.01	0.05	0.20	0.36	0.91	3.37	5.54	8.60	8.60
Summer	1,885,000	59	23.6	2.39	0.37	0.07	0.10	0.25	0.55	1.37	3.23	4.67	8.36	15.50	15.50
Winter	1,117,000	70	12.11	1.28	0.17	0.01	0.15	0.20	0.48	0.77	1.43	2.81	5.12	7.57	7.98
Urbanization															
Central City	1,482,000	56	12.31	1.80	0.28	0.03	0.07	0.16	0.48	1.10	2.95	4.64	4.85	11.40	11.40
Non-metropolitan	1,112,000	65	18.21	1.52	0.22	0.00	0.01	0.20	0.27	0.68	2.13	4.13	5.12	8.16	8.16
Suburban	3,441,000	179	19.20	1.90	0.20	0.01	0.10	0.15	0.39	0.93	2.20	4.63	7.98	12.50	15.50
Response to Questionnaire															
Households who garden	5,402,000	276	42.45	1.91	0.00	0.01	0.10	0.17	0.43	1.07	2.37	4.67	6.21	12.50	15.50
Households who farm	957,000	48	60.34	2.73	0.00	0.12	0.41	0.47	0.77	1.42	3.27	6.94	10.90	15.50	15.50
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-15. Consumer-Only Intake of Home-Produced Meats (g/kg-day)—All Regions Combined

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	9,257,000	569	4.92	2.21	0.11	0.12	0.24	0.37	0.66	1.39	2.89	4.89	6.78	14.00	23.20
Age															
1 to 2	276,000	22	4.84	3.65	0.61	0.39	0.95	0.95	1.19	2.66	4.72	8.68	10.00	11.50	11.50
3 to 5	396,000	26	4.89	3.61	0.51	0.80	0.80	1.51	2.17	2.82	3.72	7.84	9.13	13.00	13.00
6 to 11	1,064,000	65	6.37	3.65	0.45	0.37	0.65	0.72	1.28	2.09	4.71	8.00	14.00	15.30	15.30
12 to 19	1,272,000	78	6.21	1.70	0.17	0.19	0.32	0.47	0.62	1.23	2.35	3.66	4.34	6.78	7.51
20 to 39	2,732,000	158	4.43	1.82	0.15	0.12	0.19	0.30	0.53	1.11	2.65	4.52	6.23	9.17	10.90
40 to 69	2,872,000	179	5.06	1.72	0.11	0.02	0.21	0.34	0.58	1.17	2.38	3.67	5.16	5.90	7.46
≥ 70	441,000	28	2.78	1.39	0.23	0.09	0.09	0.13	0.55	1.01	1.81	2.82	3.48	7.41	7.41
Season															
Fall	2,852,000	107	5.98	1.57	0.14	0.12	0.21	0.35	0.52	1.11	2.27	3.19	4.41	6.78	7.84
Spring	1,726,000	197	3.74	2.37	0.15	0.24	0.32	0.45	0.78	1.69	3.48	5.00	6.67	10.10	13.00
Summer	2,368,000	89	5.21	3.10	0.38	0.02	0.19	0.41	0.85	1.77	4.34	7.01	10.50	22.30	22.30
Winter	2,311,000	176	4.74	1.98	0.17	0.14	0.24	0.37	0.65	1.33	2.43	3.96	6.40	10.90	23.20
Urbanization															
Central City	736,000	28	1.31	1.15	0.18	0.18	0.19	0.21	0.44	0.72	1.58	2.69	3.40	3.64	3.64
Non-metropolitan	4,932,000	315	10.95	2.70	0.18	0.12	0.26	0.41	0.75	1.63	3.41	6.06	8.47	15.30	23.20
Suburban	3,589,000	226	4.15	1.77	0.10	0.03	0.29	0.37	0.68	1.33	2.49	3.66	4.71	7.20	10.10
Race															
Black	128,000	6	0.59	*		*	*	*	*	*	*	*	*	*	*
White	8,995,000	556	5.71	2.26	0.11	0.09	0.26	0.39	0.68	1.41	2.91	5.00	7.01	14.00	23.20
Response to Questionnaire															
Households who raise animals	5,256,000	343	52.06	2.80	0.15	0.21	0.39	0.62	1.03	1.94	3.49	5.90	7.84	14.00	23.20
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Moya and Phillips (2001). (Based on EPA's analyses of the 1987–1988 NFCS.)															

Table 13-16. Consumer-Only Intake of Home-Produced Meats (g/kg-day)—Northeast

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,113,000	52	2.70	1.46	0.21	0.29	0.34	0.35	0.64	0.89	1.87	2.68	2.89	10.90	10.90
Season															
Fall	569,000	18	6.06	*	*	*	*	*	*	*	*	*	*	*	*
Spring	66,000	8	0.63	*	*	*	*	*	*	*	*	*	*	*	*
Summer	176,000	6	1.86	*	*	*	*	*	*	*	*	*	*	*	*
Winter	302,000	20	2.56	2.02	0.56	0.29	0.31	0.43	0.62	1.11	2.38	2.93	7.46	10.90	10.90
Urbanization															
Central City	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Non-metropolitan	391,000	17	7.08	*	*	*	*	*	*	*	*	*	*	*	*
Suburban	722,000	35	2.78	1.49	0.15	0.29	0.35	0.43	0.68	1.39	2.34	2.68	2.89	3.61	3.61
Response to Questionnaire															
Households who raise animals	509,000	25	43.21	2.03	0.39	0.62	0.65	0.65	0.88	1.62	2.38	2.93	7.46	10.90	10.90
Households who farm	373,000	15	44.94	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations. - Indicates data are not available. SE = Standard error. p = Percentile of the distribution. Nc wgtd = Weighted number of consumers. Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-17. Consumer-Only Intake of Home-Produced Meats (g/kg-day)—Midwest

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	3,974,000	266	8.57	2.55	0.18	0.13	0.26	0.39	0.66	1.40	3.39	5.75	7.20	15.30	22.30
Season															
Fall	1,261,000	49	8.76	1.76	0.23	0.21	0.26	0.37	0.50	1.19	2.66	3.49	6.06	6.78	6.78
Spring	940,000	116	8.82	2.58	0.22	0.24	0.31	0.41	0.73	1.98	3.67	5.14	7.79	11.50	13.00
Summer	930,000	38	9.09	4.10	0.75	0.09	0.13	0.58	0.89	2.87	5.42	8.93	15.30	22.30	22.30
Winter	843,000	63	7.59	2.00	0.24	0.12	0.24	0.33	0.65	1.36	2.69	4.11	5.30	8.10	12.20
Urbanization															
Central City	460,000	18	2.64	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	2,477,000	175	17.33	3.15	0.26	0.09	0.30	0.43	0.82	2.38	4.34	6.15	9.17	15.30	22.30
Suburban	1,037,000	73	7.05	1.75	0.20	0.29	0.37	0.41	0.66	1.11	2.03	4.16	5.39	7.20	10.10
Response to Questionnaire															
Households who raise animals	2,165,000	165	57.86	3.20	0.22	0.26	0.39	0.58	1.07	2.56	4.42	6.06	9.13	15.30	15.30
Households who farm	1,483,000	108	55.32	3.32	0.29	0.37	0.54	0.59	1.07	2.75	4.71	6.78	9.17	15.30	15.30
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-18. Consumer-Only Intake of Home-Produced Meats (g/kg-day)—South

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,355,000	146	3.66	2.24	0.19	0.02	0.16	0.30	0.72	1.53	3.07	5.07	6.71	14.00	14.00
Season															
Fall	758,000	28	5.75	1.81	0.29	0.12	0.16	0.19	0.82	1.53	2.38	3.19	4.41	7.84	7.84
Spring	511,000	53	3.04	2.33	0.27	0.19	0.30	0.50	0.75	1.80	2.82	5.16	6.71	7.51	7.51
Summer	522,000	18	2.94	*	*	*	*	*	*	*	*	*	*	*	*
Winter	564,000	47	3.40	1.80	0.25	0.04	0.20	0.25	0.72	1.40	2.17	3.55	4.58	8.47	8.47
Urbanization															
Central City	40,000	1	0.23	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	1,687,000	97	8.83	2.45	0.26	0.12	0.19	0.40	0.78	1.61	3.19	6.09	7.84	14.00	14.00
Suburban	628,000	48	2.24	1.79	0.23	0.02	0.03	0.04	0.63	1.40	2.31	4.56	4.61	6.40	6.40
Response to Questionnaire															
Households who raise animals	1,222,000	74	46.95	3.16	0.32	0.26	0.67	0.84	1.34	2.11	3.79	6.67	8.47	14.00	14.00
Households who farm	1,228,000	72	55.02	2.85	0.32	0.20	0.50	0.60	1.01	1.93	3.48	6.23	8.47	14.00	14.00
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-19. Consumer-Only Intake of Home-Produced Meats (g/kg-day)—West

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,815,000	105	5.03	1.89	0.21	0.15	0.23	0.39	0.66	1.42	2.49	3.66	4.71	8.00	23.20
Season															
Fall	264,000	12	2.47	*	*	*	*	*	*	*	*	*	*	*	*
Spring	209,000	20	2.56	1.86	0.23	0.30	0.43	0.87	1.22	1.56	2.43	3.48	4.20	4.20	4.20
Summer	740,000	27	9.27	2.20	0.32	0.19	0.41	0.54	1.07	1.69	3.27	4.44	4.71	8.00	8.00
Winter	602,000	46	6.53	2.11	0.46	0.14	0.36	0.43	0.67	1.19	2.35	3.64	7.02	23.20	23.20
Urbanization															
Central City	236,000	9	1.96	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	377,000	26	6.17	2.10	0.70	0.33	0.33	0.41	0.67	1.19	1.77	3.72	4.97	23.20	23.20
Suburban	1,202,000	70	6.71	1.95	0.20	0.15	0.23	0.37	0.78	1.52	2.71	4.20	4.71	8.00	8.00
Response to Questionnaire															
Households who raise animals	1,360,000	79	52.84	2.12	0.27	0.15	0.23	0.39	0.82	1.56	2.71	4.20	4.97	8.00	23.20
Households who farm	758,000	48	47.79	2.41	0.43	0.14	0.33	0.47	0.79	1.55	2.91	4.71	7.02	23.20	23.20
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-20. Consumer-Only Intake of Home-Caught Fish (g/kg-day)—All Regions Combined

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	3,914,000	239	2.08	2.07	0.24	0.08	0.09	0.20	0.23	0.43	1.00	2.17	4.68	7.83	15.50
Age															
1 to 2	82,000	6	1.44	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	142,000	11	1.75	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	382,000	29	2.29	2.78	0.84	0.16	0.16	0.18	0.23	0.55	1.03	3.67	7.05	7.85	25.30
12 to 19	346,000	21	1.69	1.52	0.41	0.20	0.20	0.20	0.20	0.31	0.98	1.79	4.68	6.67	8.44
20 to 39	962,000	59	1.56	1.91	0.33	0.08	0.08	0.09	0.12	0.44	1.06	2.18	4.46	9.57	13.00
40 to 69	1,524,000	86	2.69	1.79	0.26	0.09	0.09	0.21	0.28	0.35	0.99	1.99	4.43	6.56	10.80
≥ 70	450,000	24	2.83	1.22	0.23	0.10	0.10	0.23	0.23	0.57	0.76	1.56	3.73	3.73	5.12
Season															
Fall	1,220,000	45	2.56	1.31	0.22	0.18	0.18	0.20	0.21	0.32	0.92	1.79	2.64	3.73	6.56
Spring	1,112,000	114	2.41	3.08	0.56	0.10	0.12	0.31	0.34	0.56	1.27	2.64	6.68	10.80	37.30
Summer	911,000	29	2.00	1.88	0.42	0.08	0.08	0.09	0.20	0.30	0.76	3.19	4.43	5.65	9.57
Winter	671,000	51	1.38	2.05	0.37	0.09	0.09	0.11	0.16	0.51	1.06	2.09	5.89	7.85	13.10
Urbanization															
Central City	999,000	46	1.77	1.79	0.34	0.09	0.09	0.16	0.28	0.61	1.07	1.85	3.73	9.57	9.57
Non-metropolitan	1,174,000	94	2.61	3.15	0.57	0.10	0.12	0.31	0.36	0.57	1.88	3.86	6.52	7.83	37.30
Suburban	1,741,000	99	2.01	1.50	0.23	0.08	0.08	0.18	0.20	0.29	0.59	1.38	4.37	7.05	10.80
Race															
Black	593,000	41	2.73	1.81	0.37	0.18	0.18	0.20	0.29	0.32	0.98	2.17	4.68	9.57	9.57
White	3,228,000	188	2.05	2.07	0.28	0.08	0.08	0.16	0.23	0.39	1.00	2.16	4.99	6.68	16.10
Response to Questionnaire															
Households who fish	3,553,000	220	8.94	2.22	0.26	0.08	0.08	0.18	0.23	0.47	1.09	2.23	5.61	7.85	16.10
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Moya and Phillips (2001). (Based on EPA's analyses of the 1987–1988 NFCS.)															

Table 13-21. Consumer-Only Intake of Home-Caught Fish (g/kg-day)—Northeast

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	334,000	12	0.81	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	135,000	4	1.44	*	*	*	*	*	*	*	*	*	*	*	*
Spring	14,000	2	0.13	*	*	*	*	*	*	*	*	*	*	*	*
Summer	132,000	3	1.40	*	*	*	*	*	*	*	*	*	*	*	*
Winter	53,000	3	0.45	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City		0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Non-metropolitan	42,000	4	0.76	*	*	*	*	*	*	*	*	*	*	*	*
Suburban	292,000	8	1.12	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who fish	334,000	12	5.61	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-22. Consumer-Only Intake of Home-Caught Fish (g/kg-day)—Midwest

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,113,000	71	2.40	2.13	0.42	0.08	0.08	0.20	0.23	0.47	1.03	1.95	6.10	6.56	16.10
Season															
Fall	362,000	13	2.51	*	*	*	*	*	*	*	*	*	*	*	*
Spring	224,000	27	2.10	3.45	1.22	0.12	0.12	0.12	0.31	0.49	0.82	1.67	15.50	16.10	25.30
Summer	264,000	8	2.58	*	*	*	*	*	*	*	*	*	*	*	*
Winter	263,000	23	2.37	2.38	0.53	0.51	0.51	0.51	0.55	1.03	1.56	2.13	5.89	6.10	13.10
Urbanization															
Central City	190,000	9	1.09	*		*	*	*	*	*	*	*	*	*	*
Non-metropolitan	501,000	40	3.50	3.42	0.72	0.12	0.12	0.33	0.47	0.53	1.88	5.65	6.56	13.10	25.30
Suburban	422,000	22	2.87	0.91	0.18	0.08	0.08	0.08	0.20	0.30	0.55	1.28	2.09	2.78	3.73
Response to Questionnaire															
Households who fish	956,000	60	7.57	2.35	0.49	0.08	0.08	0.12	0.23	0.47	1.12	2.16	6.52	6.56	25.30
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-23. Consumer-Only Intake of Home-Caught Fish (g/kg-day)—South

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,440,000	101	2.24	2.74	0.48	0.09	0.09	0.20	0.29	0.51	1.48	3.37	5.61	8.44	37.30
Season															
Fall	274,000	11	2.08	*	*	*	*	*	*	*	*	*	*	*	*
Spring	538,000	58	3.20	4.00	0.94	0.31	0.31	0.39	0.45	0.87	1.94	3.71	8.33	13.00	45.20
Summer	376,000	14	2.12	*	*	*	*	*	*	*	*	*	*	*	*
Winter	252,000	18	1.52	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	281,000	16	1.63	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	550,000	41	2.88	3.33	1.06	0.29	0.29	0.34	0.51	1.12	1.94	3.19	4.43	6.67	45.20
Suburban	609,000	44	2.18	2.73	0.50	0.20	0.20	0.28	0.29	0.43	1.08	4.37	8.33	10.40	13.00
Response to Questionnaire															
Households who fish	1,280,000	95	9.42	3.00	0.51	0.09	0.09	0.20	0.28	0.71	1.93	3.67	6.68	8.44	37.30
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-24. Consumer-Only Intake of Home-Caught Fish (g/kg-day)—West

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,027,000	55	2.85	1.57	0.27	0.10	0.16	0.20	0.24	0.44	0.84	1.79	3.73	5.67	9.57
Season															
Fall	449,000	17	4.20	*	*	*	*	*	*	*	*	*	*	*	*
Spring	336,000	27	4.12	1.35	0.29	0.10	0.10	0.24	0.33	0.44	0.61	1.68	4.68	5.61	5.67
Summer	139,000	4	1.74	*	*	*	*	*	*	*	*	*	*	*	*
Winter	103,000	7	1.12	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	528,000	21	4.38	2.03	0.53	0.33	0.33	0.43	0.53	0.71	1.45	1.85	3.73	9.57	9.57
Non-metropolitan	81,000	9	1.33	*	*	*	*	*	*	*	*	*	*	*	*
Suburban	418,000	25	2.33	1.09	0.25	0.18	0.18	0.20	0.21	0.31	0.59	1.21	2.90	4.68	5.61
Response to Questionnaire															
Households who fish	983,000	53	12.99	1.63	0.28	0.10	0.16	0.20	0.22	0.55	0.96	1.79	3.73	5.67	9.57
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-25. Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—All Regions

Population Group	Nc wgted	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,409,000	89	0.75	14.00	1.62	0.18	0.45	0.51	3.18	10.20	19.50	34.20	44.00	72.60	111.00
Age															
1 to 2	79,000	6	1.39	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	57,000	5	0.70	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	264,000	16	1.58	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	84,000	5	0.41	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	612,000	36	0.99	7.41	1.02	0.21	0.40	0.45	1.89	6.46	12.10	15.40	19.50	23.00	23.00
40 to 69	216,000	16	0.38	*	*	*	*	*	*	*	*	*	*	*	*
≥ 70	77,000	3	0.48	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	211,000	7	0.44	*	*	*	*	*	*	*	*	*	*	*	*
Spring	253,000	27	0.55	17.80	4.27	0.63	0.65	0.67	5.06	12.20	19.50	50.90	80.10	111.00	111.00
Summer	549,000	22	1.21	15.30	2.73	0.45	0.45	0.51	5.36	10.60	25.10	34.90	36.70	46.80	46.80
Winter	396,000	33	0.81	8.08	1.99	0.18	0.21	0.28	0.74	5.47	11.50	19.80	20.40	72.60	72.60
Urbanization															
Central City	115,000	7	0.20	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	988,000	59	2.19	16.80	2.10	0.48	0.96	1.89	6.74	10.80	20.40	34.90	44.00	80.10	111.00
Suburban	306,000	23	0.35	9.86	2.38	0.40	0.40	0.45	0.57	5.36	13.10	28.10	28.90	50.90	50.90
Race															
Black	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
White	1,382,000	86	0.88	14.30	1.65	0.18	0.45	0.51	3.82	10.30	19.50	34.20	44.00	80.10	111.00
Response to Questionnaire															
Households who raise animals	1,228,000	80	12.16	15.90	1.73	0.18	0.40	1.89	6.13	10.80	19.60	34.90	44.00	80.10	111.00
Households who farm	1,020,000	63	13.92	17.10	1.99	0.40	0.74	3.18	9.06	12.10	20.40	34.90	44.00	80.10	111.00
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Moya and Phillips (2001). (Based on EPA's analyses of the 1987–1988 NFCS.)															

Table 13-26. Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—Northeast

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	312,000	16	0.76	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	48,000	2	0.51	*	*	*	*	*	*	*	*	*	*	*	*
Spring	36,000	4	0.34	*	*	*	*	*	*	*	*	*	*	*	*
Summer	116,000	4	1.23	*	*	*	*	*	*	*	*	*	*	*	*
Winter	112,000	6	0.95	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Non-metropolitan	240,000	10	4.35	*	*	*	*	*	*	*	*	*	*	*	*
Suburban	72,000	6	0.28	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who raise animals	312,000	16	26.49	*	*	*	*	*	*	*	*	*	*	*	*
Households who farm	312,000	16	37.59	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations. - Indicates data are not available. SE = Standard error. p = Percentile of the distribution. Nc wgtd = Weighted number of consumers. Nc unwgtd = Unweighted number of consumers in survey. Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-27. Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—Midwest

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	594,000	36	1.28	18.60	3.15	0.45	0.45	1.97	8.27	12.40	23.00	44.00	46.80	111.00	111.00
Season															
Fall	163,000	5	1.13	*	*	*	*	*	*	*	*	*	*	*	*
Spring	94,000	12	0.88	*	*	*	*	*	*	*	*	*	*	*	*
Summer	252,000	11	2.46	*	*	*	*	*	*	*	*	*	*	*	*
Winter	85,000	8	0.76	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	43,000	1	0.25	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	463,000	31	3.24	23.30	3.40	4.25	8.27	9.06	12.10	16.00	31.40	44.00	46.80	111.00	111.00
Suburban	88,000	4	0.60	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who raise animals	490,000	32	13.09	22.30	3.33	4.25	5.36	8.27	10.80	15.40	31.40	44.00	46.80	111.00	111.00
Households who farm	490,000	32	18.28	22.30	3.33	4.25	5.36	8.27	10.80	15.40	31.40	44.00	46.80	111.00	111.00
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-28. Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—South

Population Group	Nc wgted	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	242,000	17	0.38	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Spring	27,000	3	0.16	*	*	*	*	*	*	*	*	*	*	*	*
Summer	131,000	5	0.74	*	*	*	*	*	*	*	*	*	*	*	*
Winter	84,000	9	0.51	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	27,000	3	0.16	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	215,000	14	1.13	*	*	*	*	*	*	*	*	*	*	*	*
Suburban	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Response to Questionnaire															
Households who raise animals	215,000	14	8.26	*	*	*	*	*	*	*	*	*	*	*	*
Households who farm	148,000	8	6.63	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-29. Consumer-Only Intake of Home-Produced Dairy (g/kg-day)—West

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	261,000	20	0.72	10.00	2.75	0.18	0.18	0.21	0.51	6.10	13.30	28.10	28.90	50.90	50.90
Season															
Fall	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Spring	96,000	8	1.18	*	*	*	*	*	*	*	*	*	*	*	*
Summer	50,000	2	0.63	*	*	*	*	*	*	*	*	*	*	*	*
Winter	115,000	10	1.25	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	45,000	3	0.37	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	70,000	4	1.15	*	*	*	*	*	*	*	*	*	*	*	*
Suburban	146,000	13	0.81	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who raise animals	211,000	18	8.20	*	*	*	*	*	*	*	*	*	*	*	*
Households who farm	70,000	7	4.41	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-30. Seasonally Adjusted Consumer-Only Home-Produced Intake (g/kg-day)

Population Group	Percent Consuming	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total Vegetable											
Northeast	16.50	0.00	0.02	0.04	0.20	0.46	1.37	3.32	5.70	8.78	10.10
Midwest	33.25	0.00	0.04	0.08	0.29	0.81	1.96	4.40	7.41	1.31	20.10
South	24.00	0.00	0.03	0.06	0.21	0.61	1.86	3.95	5.63	12.00	16.20
West	23.75	0.00	0.02	0.04	0.11	0.49	1.46	2.99	5.04	8.91	11.20
All Regions	24.60	0.01	0.03	0.06	0.22	0.64	1.80	4.00	6.08	11.70	20.10
Total Fruit											
Northeast	3.50	0.00	0.02	0.05	0.17	0.36	0.66	1.48	3.00	5.10	5.63
Midwest	12.75	0.00	0.01	0.01	0.14	0.79	2.98	5.79	9.52	22.20	27.10
South	8.00	0.01	0.03	0.11	0.38	0.95	2.10	6.70	10.20	14.90	16.40
West	17.75	0.00	0.06	0.09	0.29	0.69	1.81	4.75	8.54	14.50	18.40
All Regions	10.10	0.00	0.02	0.06	0.25	0.75	2.35	5.61	9.12	17.60	27.10
Total Meat											
Northeast	6.25	0.00	0.03	0.08	0.13	0.21	0.70	1.56	1.91	4.09	4.80
Midwest	9.25	0.00	0.04	0.22	0.05	1.61	3.41	5.25	7.45	11.90	13.60
South	5.75	0.01	0.03	0.05	0.19	0.53	1.84	3.78	4.95	8.45	9.45
West	9.50	0.00	0.03	0.10	0.24	0.56	1.30	2.29	3.38	7.20	9.10
All Regions	7.40	0.00	0.04	0.09	0.22	0.66	1.96	4.05	5.17	9.40	13.60

Source: Moya and Phillips (2001). (Based on U.S. EPA's analyses of the 1987–1988 NFCS.)

Table 13-31. Consumer-Only Intake of Home-Produced Apples (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	5,306,000	272	2.82	1.19	0.08	0.08	0.23	0.28	0.45	0.82	1.47	2.38	3.40	5.42	10.10
Age															
1 to 2	199,000	12	3.49	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	291,000	16	3.59	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	402,000	25	2.41	1.28	0.19	0.47	0.47	0.56	0.74	0.96	1.29	2.98	4.00	4.00	4.00
12 to 19	296,000	12	1.44	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	1,268,000	61	2.06	0.80	0.11	0.19	0.23	0.26	0.30	0.60	0.92	1.55	1.97	5.42	5.42
40 to 69	1,719,000	90	3.03	0.96	0.14	0.06	0.09	0.26	0.40	0.65	1.08	1.59	2.38	9.83	9.83
≥ 70	1,061,000	52	6.68	1.45	0.14	0.20	0.26	0.45	0.63	1.18	1.82	3.40	3.62	4.20	4.20
Season															
Fall	1,707,000	60	3.58	1.28	0.12	0.26	0.30	0.32	0.58	1.03	1.66	2.69	3.40	4.25	4.25
Spring	639,000	74	1.38	0.95	0.11	0.19	0.24	0.28	0.38	0.57	1.10	2.00	2.78	5.87	5.87
Summer	1,935,000	68	4.25	1.12	0.17	0.06	0.09	0.19	0.40	0.69	1.41	2.29	2.98	9.83	9.83
Winter	1,025,000	70	2.10	1.30	0.18	0.19	0.23	0.32	0.57	0.88	1.59	2.75	3.40	10.10	10.10
Urbanization															
Central City	912,000	30	1.62	1.24	0.26	0.23	0.26	0.39	0.51	0.92	1.59	2.19	2.26	10.10	10.10
Non-metropolitan	2,118,000	122	4.70	1.27	0.13	0.06	0.12	0.25	0.41	0.90	1.55	2.92	3.48	9.83	9.83
Suburban	2,276,000	120	2.63	1.09	0.09	0.19	0.24	0.29	0.44	0.77	1.29	2.29	3.40	5.42	5.42
Race															
Black	84,000	4	0.39	*	*	*	*	*	*	*	*	*	*	*	*
White	5,222,000	268	3.31	1.18	0.08	0.08	0.23	0.28	0.45	0.80	1.41	2.38	3.40	5.42	10.10
Region															
Midwest	2,044,000	123	4.41	1.38	0.15	0.22	0.29	0.30	0.52	0.92	1.61	2.69	3.40	9.83	10.10
Northeast	442,000	18	1.07	*	*	*	*	*	*	*	*	*	*	*	*
South	1,310,000	65	2.04	1.10	0.11	0.20	0.24	0.30	0.44	0.92	1.38	1.90	2.98	4.00	4.91
West	1,510,000	66	4.19	1.20	0.13	0.06	0.19	0.26	0.47	0.79	1.82	2.75	3.62	4.25	4.25
Response to Questionnaire															
Households who garden	4,707,000	246	6.91	1.21	0.08	0.13	0.25	0.30	0.47	0.82	1.47	2.38	3.40	5.87	10.10
Households who farm	1,299,000	68	17.72	1.39	0.13	0.06	0.36	0.54	0.70	0.96	1.58	2.99	4.00	4.91	5.87
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-32. Consumer-Only Intake of Home-Produced Asparagus (g/kg-day)

Population Group	Nc wgted	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	763,000	66	0.41	0.56	0.05	0.10	0.14	0.19	0.28	0.40	0.71	1.12	1.63	1.97	1.97
Age															
1 to 2	8,000	1	0.14	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	25,000	3	0.31	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	31,000	3	0.19	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	70,000	5	0.34	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	144,000	11	0.23	*	*	*	*	*	*	*	*	*	*	*	*
40 to 69	430,000	38	0.76	0.47	0.05	0.11	0.11	0.18	0.23	0.40	0.60	0.88	1.24	1.75	1.75
≥ 70	55,000	5	0.35	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	62,000	2	0.13	*	*	*	*	*	*	*	*	*	*	*	*
Spring	608,000	59	1.32	0.61	0.06	0.10	0.16	0.19	0.30	0.45	0.88	1.18	1.63	1.97	1.97
Summer	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Winter	93,000	5	0.19	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	190,000	9	0.34	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	215,000	27	0.48	0.76	0.12	0.10	0.11	0.14	0.23	0.54	1.24	1.75	1.92	1.97	1.97
Suburban	358,000	30	0.41	0.43	0.04	0.11	0.17	0.18	0.28	0.37	0.58	0.70	0.93	1.12	1.12
Race															
Black	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
White	763,000	66	0.48	0.56	0.05	0.10	0.14	0.19	0.28	0.40	0.71	1.12	1.63	1.97	1.97
Region															
Midwest	368,000	33	0.79	0.48	0.06	0.10	0.11	0.14	0.23	0.40	0.61	0.93	1.12	1.97	1.97
Northeast	270,000	20	0.66	0.72	0.10	0.18	0.23	0.23	0.37	0.60	0.93	1.24	1.63	1.92	1.92
South	95,000	9	0.15	*	*	*	*	*	*	*	*	*	*	*	*
West	30,000	4	0.08	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who garden	669,000	59	0.98	0.53	0.06	0.10	0.14	0.18	0.28	0.40	0.70	1.12	1.63	1.97	1.97
Households who farm	157,000	16	2.14	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-33. Consumer-Only Intake of Home-Produced Beef (g/kg-day)

Population Group	Nc wgtd	Nc Unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	4,958,000	304	2.64	2.45	0.15	0.18	0.37	0.47	0.88	1.61	3.07	5.29	7.24	13.30	19.40
Age															
1 to 2	110,000	8	1.93	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	234,000	13	2.89	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	695,000	38	4.16	3.77	0.59	0.35	0.66	0.75	1.32	2.11	4.43	11.40	12.50	13.30	13.30
12 to 19	656,000	41	3.20	1.72	0.16	0.38	0.48	0.51	0.90	1.51	2.44	3.53	3.57	4.28	4.28
20 to 39	1,495,000	83	2.43	2.06	0.20	0.27	0.35	0.39	0.68	1.59	2.73	4.88	6.50	8.26	8.26
40 to 69	1,490,000	105	2.63	1.84	0.14	0.18	0.36	0.46	0.83	1.52	2.38	4.10	5.39	5.90	5.90
≥ 70	188,000	11	1.18	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	1,404,000	55	2.95	1.55	0.17	0.18	0.35	0.36	0.52	1.33	2.01	2.86	3.90	7.24	7.24
Spring	911,000	108	1.97	2.32	0.16	0.27	0.39	0.51	1.04	1.96	3.29	4.22	5.23	8.62	9.28
Summer	1,755,000	69	3.86	3.48	0.41	0.10	0.61	0.75	1.02	2.44	4.43	7.51	11.40	18.70	18.70
Winter	888,000	72	1.82	1.95	0.28	0.04	0.38	0.39	0.67	1.33	2.14	4.23	5.39	19.40	19.40
Urbanization															
Central City	100,000	5	0.18	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	3,070,000	194	6.82	2.80	0.22	0.18	0.38	0.50	0.86	1.81	3.57	6.03	8.44	18.70	19.40
Suburban	1,788,000	105	2.07	1.93	0.15	0.27	0.38	0.42	0.91	1.52	2.44	4.06	5.10	7.51	9.28
Race															
Black	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
White	4,950,000	303	3.14	2.45	0.15	0.18	0.37	0.47	0.88	1.61	3.07	5.29	7.24	13.30	19.40
Region															
Midwest	2,261,000	161	4.87	2.83	0.23	0.18	0.35	0.42	0.85	2.01	3.66	5.90	8.39	18.70	18.70
Northeast	586,000	25	1.42	1.44	0.21	0.35	0.35	0.47	0.74	1.06	1.68	2.62	2.62	6.03	6.03
South	1,042,000	61	1.62	2.45	0.35	0.10	0.39	0.58	0.82	1.59	2.41	6.36	7.24	13.30	13.30
West	1,069,000	57	2.96	2.20	0.28	0.31	0.38	0.56	1.04	1.60	2.86	4.06	4.42	7.51	19.40
Response to Questionnaire															
Households who raise animals	3,699,000	239	36.63	2.66	0.16	0.18	0.39	0.66	1.04	1.83	3.48	5.39	7.51	12.50	19.40
Households who farm	2,850,000	182	38.89	2.63	0.20	0.27	0.39	0.59	0.90	1.64	3.25	5.39	7.51	11.30	19.40
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-34. Consumer-Only Intake of Home-Produced Beets (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,214,000	125	1.18	0.51	0.05	0.03	0.07	0.11	0.19	0.40	0.59	1.03	1.36	3.69	4.08
Age															
1 to 2	27,000	2	0.47	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	51,000	4	0.63	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	167,000	10	1.00	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	227,000	13	1.11	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	383,000	22	0.62	0.38	0.06	0.08	0.08	0.12	0.14	0.29	0.56	1.00	1.00	1.12	1.12
40 to 69	951,000	51	1.68	0.43	0.04	0.05	0.07	0.07	0.21	0.40	0.55	0.93	1.15	1.40	1.40
≥ 70	408,000	23	2.57	0.58	0.09	0.03	0.03	0.05	0.27	0.45	0.91	1.36	1.36	1.59	1.59
Season															
Fall	562,000	21	1.18	0.55	0.09	0.03	0.05	0.05	0.26	0.36	0.95	1.36	1.36	1.40	1.40
Spring	558,000	55	1.21	0.47	0.09	0.07	0.08	0.11	0.14	0.27	0.45	0.87	1.59	4.08	4.08
Summer	676,000	22	1.49	0.39	0.05	0.08	0.12	0.12	0.18	0.40	0.55	0.62	0.91	0.91	0.91
Winter	418,000	27	0.86	0.73	0.15	0.07	0.07	0.07	0.28	0.52	0.83	1.13	2.32	3.69	3.69
Urbanization															
Central City	651,000	27	1.16	0.52	0.12	0.11	0.14	0.18	0.26	0.40	0.55	0.91	1.12	3.69	3.69
Non-metropolitan	758,000	51	1.68	0.58	0.09	0.05	0.07	0.07	0.18	0.39	0.66	1.36	1.40	4.08	4.08
Suburban	805,000	47	0.93	0.45	0.06	0.03	0.05	0.08	0.14	0.40	0.56	0.93	1.00	2.32	2.32
Race															
Black	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
White	2,186,000	124	1.39	0.52	0.05	0.03	0.07	0.11	0.21	0.40	0.59	1.03	1.36	3.69	4.08
Region															
Midwest	885,000	53	1.91	0.63	0.08	0.05	0.11	0.18	0.32	0.45	0.91	1.15	1.36	3.69	3.69
Northeast	230,000	13	0.56	*	*	*	*	*	*	*	*	*	*	*	*
South	545,000	31	0.85	0.45	0.12	0.07	0.08	0.08	0.18	0.26	0.48	0.66	0.94	4.08	4.08
West	554,000	28	1.54	0.40	0.08	0.03	0.05	0.07	0.12	0.29	0.55	0.62	0.70	2.32	2.32
Response to Questionnaire															
Households who garden	2,107,000	120	3.09	0.53	0.05	0.03	0.07	0.10	0.21	0.40	0.61	1.03	1.36	3.69	4.08
Households who farm	229,000	11	3.12	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-35. Consumer-Only Intake of Home-Produced Broccoli (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,745,000	80	0.93	0.42	0.05	0.08	0.08	0.16	0.20	0.29	0.46	0.82	0.97	2.48	3.02
Age															
1 to 2	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
3 to 5	13,000	1	0.16	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	187,000	9	1.12	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	102,000	4	0.50	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	486,000	19	0.79	*	*	*	*	*	*	*	*	*	*	*	*
40 to 69	761,000	37	1.34	0.41	0.07	0.08	0.11	0.16	0.22	0.35	0.46	0.61	0.82	3.02	3.02
≥ 70	196,000	10	1.23	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	624,000	20	1.31	0.29	0.04	0.08	0.08	0.08	0.18	0.23	0.38	0.45	0.53	0.82	0.82
Spring	258,000	27	0.56	0.54	0.12	0.05	0.15	0.17	0.27	0.33	0.59	1.25	2.37	3.02	3.02
Summer	682,000	22	1.50	0.51	0.11	0.08	0.13	0.18	0.22	0.40	0.66	0.89	0.97	2.48	2.48
Winter	181,000	11	0.37	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	165,000	5	0.29	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	647,000	34	1.44	0.42	0.04	0.05	0.13	0.17	0.22	0.37	0.59	0.75	0.89	0.97	0.97
Suburban	933,000	41	1.08	0.43	0.08	0.08	0.08	0.14	0.21	0.24	0.44	0.68	2.37	2.48	3.02
Race															
Black	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
White	1,719,000	79	1.09	0.42	0.05	0.08	0.08	0.16	0.20	0.29	0.46	0.82	0.97	2.48	3.02
Region															
Midwest	792,000	38	1.71	0.26	0.06	0.08	0.08	0.08	0.18	0.21	0.28	0.34	0.40	3.02	3.02
Northeast	427,000	19	1.04	*	*	*	*	*	*	*	*	*	*	*	*
South	373,000	16	0.58	*	*	*	*	*	*	*	*	*	*	*	*
West	153,000	7	0.42	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who garden	1,729,000	78	2.54	0.42	0.05	0.08	0.08	0.16	0.20	0.29	0.46	0.82	0.97	2.48	3.02
Households who farm	599,000	29	8.17	0.47	0.08	0.05	0.08	0.15	0.20	0.31	0.66	0.89	0.97	3.02	3.02
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-36. Consumer-Only Intake of Home-Produced Cabbage (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,019,000	89	1.07	1.03	0.10	0.11	0.20	0.32	0.42	0.78	1.33	1.97	2.35	5.43	5.43
Age															
1 to 2	14,000	2	0.25	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	29,000	1	0.36	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	61,000	3	0.37	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	203,000	9	0.99	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	391,000	16	0.63	*	*	*	*	*	*	*	*	*	*	*	*
40 to 69	966,000	44	1.70	1.14	0.18	0.22	0.22	0.33	0.41	0.71	1.41	1.82	5.29	5.43	5.43
≥ 70	326,000	13	2.05	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	570,000	21	1.20	1.28	0.32	0.19	0.19	0.20	0.39	0.54	1.49	5.29	5.43	5.43	5.43
Spring	126,000	15	0.27	*	*	*	*	*	*	*	*	*	*	*	*
Summer	1,142,000	39	2.51	0.97	0.09	0.20	0.22	0.33	0.56	0.83	1.24	1.79	2.35	2.77	2.77
Winter	181,000	14	0.37	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	157,000	5	0.28	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	1,079,000	48	2.40	0.94	0.09	0.20	0.32	0.34	0.45	0.71	1.33	1.79	2.35	2.77	2.77
Suburban	783,000	36	0.90	1.26	0.21	0.03	0.22	0.33	0.45	1.05	1.37	2.17	5.29	5.43	5.43
Race															
Black	7,000	1	0.03	*	*	*	*	*	*	*	*	*	*	*	*
White	1,867,000	83	1.19	1.05	0.11	0.11	0.20	0.25	0.41	0.79	1.37	1.97	2.35	5.43	5.43
Region															
Midwest	884,000	37	1.91	0.74	0.07	0.11	0.19	0.22	0.36	0.60	1.10	1.29	1.49	1.82	1.98
Northeast	277,000	11	0.67	*	*	*	*	*	*	*	*	*	*	*	*
South	616,000	32	0.96	1.11	0.13	0.03	0.20	0.22	0.45	0.85	1.79	2.17	2.35	2.77	2.77
West	242,000	9	0.67	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who garden	1,921,000	86	2.82	1.07	0.10	0.11	0.20	0.32	0.45	0.79	1.37	1.97	2.35	5.43	5.43
Households who farm	546,000	26	7.45	1.00	0.12	0.20	0.21	0.35	0.59	0.83	1.37	1.79	2.35	2.35	2.35
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-37. Consumer-Only Intake of Home-Produced Carrots (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	4,322,000	193	2.30	0.44	0.04	0.04	0.06	0.09	0.18	0.33	0.53	0.80	1.08	2.21	7.79
Age															
1 to 2	51,000	4	0.89	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	53,000	3	0.65	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	299,000	14	1.79	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	389,000	17	1.90	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	1,043,000	46	1.69	0.28	0.03	0.04	0.05	0.08	0.12	0.20	0.41	0.56	0.76	1.19	1.19
40 to 69	1,848,000	82	3.26	0.43	0.03	0.04	0.07	0.12	0.22	0.37	0.55	0.78	1.01	1.53	2.21
≥ 70	574,000	24	3.61	0.44	0.06	0.07	0.18	0.20	0.26	0.37	0.54	0.96	1.08	1.08	1.08
Season															
Fall	1,810,000	66	3.80	0.46	0.10	0.09	0.11	0.12	0.20	0.31	0.51	0.78	1.08	1.71	7.79
Spring	267,000	28	0.58	0.56	0.10	0.14	0.15	0.20	0.22	0.39	0.61	0.99	2.11	2.94	2.94
Summer	1,544,000	49	3.39	0.39	0.04	0.04	0.05	0.07	0.16	0.38	0.51	0.84	0.96	1.19	1.19
Winter	701,000	50	1.44	0.44	0.07	0.04	0.04	0.06	0.16	0.23	0.64	1.05	1.53	3.06	3.06
Urbanization															
Central City	963,000	29	1.71	0.28	0.04	0.04	0.06	0.08	0.16	0.21	0.39	0.53	0.59	0.96	0.96
Non-metropolitan	1,675,000	94	3.72	0.52	0.09	0.04	0.05	0.07	0.20	0.33	0.51	0.96	1.19	7.79	7.79
Suburban	1,684,000	70	1.94	0.45	0.04	0.07	0.09	0.12	0.20	0.38	0.64	0.80	1.09	1.71	1.71
Race															
Black	107,000	7	0.49	*	*	*	*	*	*	*	*	*	*	*	*
White	3,970,000	178	2.52	0.41	0.03	0.04	0.08	0.11	0.19	0.33	0.53	0.78	1.01	1.59	3.06
Region															
Midwest	2,001,000	97	4.31	0.46	0.04	0.04	0.08	0.14	0.20	0.37	0.54	0.96	1.10	2.11	3.06
Northeast	735,000	29	1.79	0.41	0.09	0.04	0.05	0.06	0.09	0.15	0.64	1.09	1.71	2.21	2.21
South	378,000	20	0.59	0.63	0.36	0.04	0.04	0.05	0.15	0.27	0.41	0.50	0.99	7.79	7.79
West	1,208,000	47	3.35	0.37	0.03	0.07	0.09	0.14	0.19	0.33	0.46	0.76	0.84	0.96	0.96
Response to Questionnaire															
Households who garden	4,054,000	182	5.95	0.40	0.03	0.04	0.07	0.09	0.18	0.33	0.51	0.76	1.08	1.71	3.06
Households who farm	833,000	40	11.37	0.36	0.06	0.09	0.09	0.11	0.18	0.23	0.46	0.62	1.19	2.11	2.94
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-38. Consumer-Only Intake of Home-Produced Corn (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	6,891,000	421	3.67	0.89	0.06	0.05	0.12	0.17	0.24	0.48	0.91	1.88	3.37	7.44	9.23
Age															
1 to 2	205,000	13	3.60	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	313,000	24	3.86	1.25	0.26	0.33	0.33	0.40	0.60	1.00	1.21	1.67	5.35	5.35	5.35
6 to 11	689,000	43	4.12	0.93	0.17	0.11	0.12	0.19	0.25	0.51	1.08	3.13	3.37	4.52	4.52
12 to 19	530,000	32	2.59	0.59	0.10	0.10	0.11	0.14	0.21	0.34	0.71	1.55	1.88	1.88	1.88
20 to 39	1,913,000	108	3.11	0.60	0.06	0.07	0.14	0.15	0.21	0.37	0.71	1.53	2.04	3.70	3.70
40 to 69	2,265,000	142	3.99	0.86	0.11	0.11	0.15	0.17	0.26	0.52	0.88	1.42	3.22	7.44	7.44
≥ 70	871,000	53	5.48	0.94	0.26	0.04	0.05	0.11	0.19	0.36	0.76	1.34	6.49	9.23	9.23
Season															
Fall	2,458,000	89	5.16	0.54	0.08	0.04	0.11	0.14	0.19	0.32	0.55	1.27	1.42	5.35	5.69
Spring	1,380,000	160	2.99	0.64	0.06	0.14	0.17	0.19	0.26	0.45	0.77	1.21	1.57	5.15	6.68
Summer	1,777,000	62	3.91	1.82	0.26	0.07	0.18	0.34	0.64	0.94	2.13	4.52	6.84	9.23	9.23
Winter	1,276,000	110	2.62	0.55	0.05	0.11	0.12	0.15	0.22	0.41	0.61	1.16	1.47	2.04	3.94
Urbanization															
Central City	748,000	27	1.33	0.74	0.14	0.04	0.04	0.05	0.18	0.55	0.93	2.04	2.23	3.04	3.04
Non-metropolitan	4,122,000	268	9.16	0.96	0.08	0.07	0.12	0.17	0.25	0.53	1.00	2.13	3.38	7.44	8.97
Suburban	2,021,000	126	2.33	0.80	0.13	0.11	0.15	0.17	0.24	0.40	0.65	1.34	1.71	9.23	9.23
Race															
Black	188,000	9	0.86	*	*	*	*	*	*	*	*	*	*	*	*
White	6,703,000	412	4.26	0.89	0.07	0.05	0.12	0.16	0.24	0.48	0.88	1.88	3.22	7.44	9.23
Region															
Midwest	2,557,000	188	5.51	0.93	0.10	0.04	0.12	0.17	0.25	0.46	0.93	2.28	3.22	6.84	7.44
Northeast	586,000	33	1.42	0.61	0.08	0.10	0.17	0.19	0.24	0.38	0.88	1.34	1.71	1.71	1.71
South	2,745,000	153	4.27	0.87	0.10	0.07	0.12	0.17	0.28	0.56	0.94	1.55	3.37	5.69	8.97
West	1,003,000	47	2.78	1.00	0.28	0.11	0.15	0.15	0.18	0.40	0.75	2.23	6.49	9.23	9.23
Response to Questionnaire															
Households who garden	6233000	387	9.15	0.88	0.06	0.05	0.14	0.17	0.24	0.50	0.91	1.82	3.13	6.84	9.23
Households who farm	1739000	114	23.73	1.20	0.18	0.04	0.11	0.17	0.23	0.38	0.97	3.37	6.49	9.23	9.23
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-39. Consumer-Only Intake of Home-Produced Cucumbers (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	3,994,000	141	2.12	1.02	0.16	0.03	0.07	0.11	0.24	0.54	1.13	2.11	2.79	13.40	13.70
Age															
1 to 2	132,000	5	2.32	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	107,000	4	1.32	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	356,000	12	2.13	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	254,000	10	1.24	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	864,000	29	1.40	0.50	0.09	0.03	0.05	0.06	0.18	0.31	0.62	1.35	1.49	2.12	2.12
40 to 69	1,882,000	68	3.32	1.33	0.30	0.04	0.07	0.18	0.39	0.68	1.29	2.11	3.27	13.70	13.70
≥ 70	399,000	13	2.51	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	370,000	12	0.78	*	*	*	*	*	*	*	*	*	*	*	*
Spring	197,000	15	0.43	*	*	*	*	*	*	*	*	*	*	*	*
Summer	3,427,000	114	7.53	1.06	0.18	0.00	0.07	0.11	0.24	0.52	1.13	2.12	2.79	13.40	13.70
Winter	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Urbanization															
Central City	640,000	18	1.14	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	1,530,000	64	3.40	1.74	0.34	0.10	0.12	0.19	0.39	1.06	1.67	3.09	4.50	13.70	13.70
Suburban	1,824,000	59	2.11	0.67	0.08	0.00	0.07	0.16	0.28	0.50	0.83	1.34	1.73	3.27	3.27
Race															
Black	86,000	2	0.40	*	*	*	*	*	*	*	*	*	*	*	*
White	3,724,000	132	2.36	0.94	0.16	0.03	0.06	0.10	0.22	0.50	1.03	1.49	2.40	13.40	13.70
Region															
Midwest	969,000	31	2.09	1.00	0.39	0.03	0.04	0.05	0.14	0.45	1.03	2.35	2.45	13.40	13.40
Northeast	689,000	22	1.67	1.92	0.68	0.23	0.28	0.28	0.48	0.68	1.53	4.18	11.70	13.70	13.70
South	1,317,000	54	2.05	0.89	0.11	0.00	0.12	0.18	0.29	0.75	1.28	1.73	2.13	4.50	4.50
West	1,019,000	34	2.83	0.60	0.11	0.07	0.07	0.10	0.21	0.43	0.70	1.29	2.11	3.27	3.27
Response to Questionnaire															
Households who garden	3,465,000	123	5.08	1.05	0.18	0.03	0.07	0.10	0.28	0.52	1.13	2.11	2.79	13.40	13.70
Households who farm	710,000	29	9.69	0.70	0.11	0.00	0.00	0.14	0.19	0.39	1.27	1.49	1.71	2.09	2.09
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-40. Consumer-Only Intake of Home-Produced Eggs (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,075,000	124	1.10	0.73	0.10	0.07	0.15	0.18	0.27	0.47	0.90	1.36	1.69	6.58	13.50
Age															
1 to 2	21,000	3	0.37	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	20,000	2	0.25	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	170,000	12	1.02	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	163,000	14	0.80	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	474,000	30	0.77	0.63	0.09	0.07	0.07	0.22	0.30	0.42	0.81	1.32	1.93	2.50	2.50
40 to 69	718,000	43	1.27	0.59	0.06	0.14	0.14	0.15	0.32	0.51	0.84	1.30	1.36	1.38	1.38
≥ 70	489,000	18	3.08	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	542,000	18	1.14	*	*	*	*	*	*	*	*	*	*	*	*
Spring	460,000	54	1.00	1.31	0.29	0.16	0.33	0.39	0.50	0.67	1.31	2.10	3.26	13.50	13.50
Summer	723,000	26	1.59	0.50	0.08	0.07	0.14	0.14	0.26	0.33	0.54	1.36	1.51	1.65	1.65
Winter	350,000	26	0.72	0.86	0.10	0.17	0.18	0.22	0.40	0.75	1.17	1.62	1.93	1.93	1.93
Urbanization															
Central City	251,000	9	0.45	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	1,076,000	65	2.39	0.73	0.12	0.07	0.14	0.17	0.26	0.47	0.92	1.34	1.65	6.58	9.16
Suburban	748,000	50	0.86	0.85	0.20	0.14	0.15	0.21	0.38	0.59	1.17	1.36	1.85	13.50	13.50
Race															
Black	63,000	9	0.29	*	*	*	*	*	*	*	*	*	*	*	*
White	2,012,000	115	1.28	0.74	0.11	0.07	0.15	0.18	0.27	0.48	0.90	1.36	1.69	6.58	13.50
Region															
Midwest	665,000	37	1.43	0.79	0.20	0.07	0.14	0.14	0.22	0.34	1.08	1.51	2.10	9.16	9.16
Northeast	87,000	7	0.21	*	*	*	*	*	*	*	*	*	*	*	*
South	823,000	44	1.28	0.54	0.06	0.15	0.18	0.20	0.26	0.36	0.60	1.18	1.62	1.93	1.93
West	500,000	36	1.39	0.92	0.28	0.17	0.21	0.21	0.46	0.67	1.05	1.36	1.36	13.50	13.50
Response to Questionnaire															
Households who raise animals	1,824,000	113	18.06	0.75	0.11	0.07	0.15	0.17	0.26	0.48	0.90	1.36	1.85	6.58	13.50
Households who farm	741,000	44	10.11	0.90	0.17	0.15	0.17	0.18	0.27	0.67	1.19	1.65	1.85	6.58	9.16
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-41. Consumer-Only Intake of Home-Produced Game (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,707,000	185	1.44	0.97	0.06	0.00	0.12	0.21	0.40	0.71	1.22	2.27	2.67	3.61	4.59
Age															
1 to 2	89,000	8	1.56	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	94,000	8	1.16	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	362,000	28	2.17	1.09	0.14	0.12	0.23	0.43	0.63	0.76	1.48	2.67	2.85	2.90	2.90
12 to 19	462,000	27	2.25	1.04	0.14	0.21	0.21	0.29	0.63	0.85	1.22	1.99	3.13	3.13	3.13
20 to 39	844,000	59	1.37	0.82	0.11	0.10	0.12	0.19	0.30	0.63	1.09	1.57	2.50	4.59	4.59
40 to 69	694,000	41	1.22	0.96	0.14	0.12	0.17	0.29	0.34	0.51	1.41	2.51	3.19	3.61	3.61
≥ 70	74,000	7	0.47	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	876,000	31	1.84	1.00	0.16	0.12	0.15	0.22	0.43	0.63	1.19	2.50	3.13	3.19	3.19
Spring	554,000	68	1.20	0.91	0.09	0.00	0.10	0.17	0.44	0.75	1.22	1.75	2.52	3.61	3.61
Summer	273,000	9	0.60	*	*	*	*	*	*	*	*	*	*	*	*
Winter	1,004,000	77	2.06	1.07	0.11	0.00	0.00	0.17	0.39	0.82	1.52	2.20	2.67	4.59	4.59
Urbanization															
Central City	506,000	20	0.90	0.69	0.13	0.00	0.00	0.19	0.28	0.63	0.77	1.48	1.99	2.34	2.34
Non-metropolitan	1,259,000	101	2.80	0.95	0.09	0.00	0.12	0.17	0.32	0.66	1.19	2.27	3.05	4.59	4.59
Suburban	942,000	64	1.09	1.15	0.10	0.00	0.26	0.40	0.52	0.82	1.52	2.51	2.85	3.13	3.61
Race															
Black	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
White	2,605,000	182	1.65	0.98	0.06	0.00	0.12	0.20	0.38	0.73	1.38	2.34	2.85	3.61	4.59
Region															
Midwest	1,321,000	97	2.85	0.88	0.08	0.00	0.08	0.22	0.34	0.61	1.10	1.99	2.51	4.59	4.59
Northeast	394,000	20	0.96	1.13	0.22	0.29	0.29	0.32	0.43	0.77	1.41	3.13	3.13	3.61	3.61
South	609,000	47	0.95	1.26	0.13	0.00	0.12	0.15	0.63	1.09	1.93	2.38	3.19	3.19	3.19
West	383,000	21	1.06	0.63	0.07	0.12	0.15	0.19	0.40	0.63	0.77	1.12	1.22	1.52	1.52
Response to Questionnaire															
Households who hunt	2,357,000	158	11.66	1.04	0.07	0.00	0.14	0.28	0.44	0.75	1.44	2.38	2.90	3.61	4.59
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-42. Consumer-Only Intake of Home-Produced Lettuce (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,520,000	80	0.81	0.39	0.03	0.00	0.04	0.09	0.17	0.28	0.55	0.84	1.03	1.05	1.28
Age															
1 to 2	54,000	4	0.95	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	25,000	2	0.31	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	173,000	7	1.04	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	71,000	3	0.35	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	379,000	17	0.62	*	*	*	*	*	*	*	*	*	*	*	*
40 to 69	485,000	26	0.86	0.48	0.06	0.12	0.12	0.12	0.22	0.49	0.68	0.89	1.05	1.28	1.28
≥ 70	317,000	20	2.00	0.45	0.07	0.05	0.07	0.11	0.22	0.29	0.57	1.03	1.03	1.03	1.03
Season															
Fall	214,000	8	0.45	*	*	*	*	*	*	*	*	*	*	*	*
Spring	352,000	35	0.76	0.45	0.05	0.05	0.07	0.12	0.20	0.45	0.58	0.80	0.99	1.28	1.28
Summer	856,000	30	1.88	0.30	0.04	0.02	0.03	0.05	0.14	0.23	0.42	0.60	0.81	0.89	0.89
Winter	98,000	7	0.20	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	268,000	8	0.48	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	566,000	36	1.26	0.37	0.05	0.02	0.03	0.04	0.12	0.29	0.55	0.81	0.89	1.28	1.28
Suburban	686,000	36	0.79	0.35	0.04	0.00	0.09	0.10	0.15	0.23	0.49	0.77	0.99	1.05	1.05
Race															
Black	51,000	3	0.23	*	*	*	*	*	*	*	*	*	*	*	*
White	1,434,000	75	0.91	0.38	0.03	0.00	0.04	0.09	0.16	0.28	0.55	0.89	1.03	1.05	1.28
Region															
Midwest	630,000	33	1.36	0.38	0.06	0.02	0.03	0.04	0.16	0.23	0.57	0.94	1.03	1.03	1.03
Northeast	336,000	16	0.82	*	*	*	*	*	*	*	*	*	*	*	*
South	305,000	20	0.47	0.35	0.06	0.00	0.00	0.13	0.16	0.28	0.48	0.58	1.04	1.28	1.28
West	249,000	11	0.69	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who garden	1,506,000	78	2.21	0.39	0.03	0.00	0.04	0.09	0.17	0.28	0.55	0.84	1.03	1.05	1.28
Households who farm	304,000	18	4.15	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-43. Consumer-Only Intake of Home-Produced Lima Beans (g/kg-day)

Population Group	Nc Wgtd	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,917,000	109	1.02	0.45	0.04	0.00	0.09	0.12	0.19	0.29	0.55	0.99	1.69	1.86	1.91
Age															
1 to 2	62,000	3	1.09	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	35,000	2	0.43	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	95,000	7	0.57	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	108,000	6	0.53	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	464,000	20	0.75	0.38	0.07	0.03	0.11	0.13	0.18	0.23	0.49	0.94	1.10	1.10	1.10
40 to 69	757,000	44	1.33	0.45	0.06	0.09	0.11	0.12	0.20	0.29	0.56	0.87	1.71	1.91	1.91
≥ 70	361,000	25	2.27	0.52	0.11	0.08	0.19	0.19	0.23	0.29	0.64	1.86	1.86	1.86	1.86
Season															
Fall	375,000	14	0.79	*	*	*	*	*	*	*	*	*	*	*	*
Spring	316,000	39	0.68	0.42	0.06	0.08	0.09	0.13	0.23	0.31	0.55	0.75	1.31	1.91	1.91
Summer	883,000	29	1.94	0.50	0.10	0.00	0.09	0.12	0.17	0.29	0.49	1.53	1.71	1.86	1.86
Winter	343,000	27	0.70	0.53	0.06	0.00	0.03	0.11	0.31	0.54	0.76	0.86	0.87	1.69	1.69
Urbanization															
Central City	204,000	8	0.36	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	1,075,000	69	2.39	0.30	0.03	0.03	0.09	0.12	0.17	0.21	0.32	0.49	0.77	1.69	1.91
Suburban	638,000	32	0.74	0.75	0.10	0.00	0.08	0.09	0.32	0.68	0.99	1.71	1.86	1.86	1.86
Race															
Black	213,000	9	0.98	*	*	*	*	*	*	*	*	*	*	*	*
White	1,704,000	100	1.08	0.38	0.03	0.00	0.09	0.11	0.18	0.25	0.49	0.86	0.99	1.53	1.91
Region															
Midwest	588,000	36	1.27	0.43	0.06	0.00	0.00	0.11	0.25	0.31	0.42	0.99	1.53	1.69	1.69
Northeast	68,000	6	0.17	*	*	*	*	*	*	*	*	*	*	*	*
South	1,261,000	67	1.96	0.47	0.06	0.03	0.10	0.13	0.18	0.25	0.63	1.10	1.71	1.86	1.91
West	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Response to Questionnaire															
Households who garden	1,610,000	97	2.36	0.45	0.04	0.03	0.09	0.12	0.18	0.29	0.53	0.94	1.71	1.86	1.91
Households who farm	62,000	6	0.85	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-44. Consumer-Only Intake of Home-Produced Okra (g/kg-day)

Population Group	Nc Wgtd	Nc unwgt	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,696,000	82	0.90	0.39	0.04	0.00	0.05	0.10	0.15	0.30	0.46	0.78	1.21	1.53	1.53
Age															
1 to 2	53,000	2	0.93	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	68,000	3	0.84	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	218,000	11	1.30	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	194,000	9	0.95	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	417,000	18	0.68	*	*	*	*	*	*	*	*	*	*	*	*
40 to 69	587,000	32	1.03	0.40	0.05	0.07	0.11	0.14	0.25	0.31	0.46	0.78	1.14	1.14	1.14
≥ 70	130,000	6	0.82	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	228,000	9	0.48	*	*	*	*	*	*	*	*	*	*	*	*
Spring	236,000	24	0.51	0.39	0.06	0.03	0.05	0.07	0.11	0.41	0.60	0.78	1.00	1.07	1.07
Summer	1,144,000	41	2.52	0.39	0.06	0.00	0.05	0.10	0.14	0.30	0.44	1.15	1.53	1.53	1.53
Winter	88,000	8	0.18	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	204,000	6	0.36	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	1,043,000	55	2.32	0.37	0.05	0.00	0.03	0.08	0.15	0.26	0.44	0.78	1.53	1.53	1.53
Suburban	449,000	21	0.52	0.51	0.07	0.07	0.10	0.11	0.31	0.46	0.60	1.14	1.15	1.15	1.15
Race															
Black	236,000	13	1.09	*	*	*	*	*	*	*	*	*	*	*	*
White	1,419,000	68	0.90	0.43	0.04	0.00	0.07	0.10	0.18	0.33	0.52	1.14	1.21	1.53	1.53
Region															
Midwest	113,000	7	0.24	*	*	*	*	*	*	*	*	*	*	*	*
Northeast															
South	1,443,000	70	2.24	0.37	0.04	0.00	0.05	0.08	0.14	0.26	0.44	0.75	1.21	1.53	1.53
West	140,000	5	0.39	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who garden	1,564,000	77	2.29	0.38	0.04	0.00	0.05	0.10	0.15	0.30	0.45	1.07	1.21	1.53	1.53
Households who farm	233,000	14	3.18	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgt = Weighted number of consumers.															
Nc unwt = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-45. Consumer-Only Intake of Home-Produced Onions (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	6,718,000	370	3.57	0.30	0.02	0.00	0.01	0.03	0.09	0.21	0.38	0.61	0.91	1.49	3.11
Age															
1 to 2	291,000	17	5.11	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	178,000	9	2.20	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	530,000	31	3.17	0.30	0.06	0.01	0.01	0.03	0.11	0.23	0.38	0.61	1.36	1.36	1.36
12 to 19	652,000	37	3.18	0.21	0.04	0.01	0.01	0.01	0.06	0.14	0.26	0.57	0.76	0.91	0.91
20 to 39	1,566,000	78	2.54	0.29	0.03	0.01	0.04	0.06	0.09	0.19	0.30	0.64	0.94	1.49	1.49
40 to 69	2,402,000	143	4.23	0.25	0.02	0.00	0.00	0.01	0.08	0.17	0.36	0.55	0.69	1.11	1.41
≥ 70	1,038,000	52	6.54	0.43	0.09	0.00	0.01	0.03	0.14	0.29	0.46	0.56	2.68	3.11	3.11
Season															
Fall	1,557,000	59	3.27	0.38	0.07	0.00	0.03	0.06	0.12	0.26	0.44	0.60	0.78	3.11	3.11
Spring	1,434,000	147	3.11	0.20	0.02	0.00	0.01	0.03	0.06	0.11	0.26	0.43	0.52	1.41	1.77
Summer	2,891,000	101	6.36	0.31	0.03	0.01	0.02	0.04	0.11	0.23	0.38	0.69	0.97	1.49	1.49
Winter	836,000	63	1.72	0.29	0.04	0.00	0.00	0.01	0.03	0.20	0.46	0.64	0.92	1.36	1.36
Urbanization															
Central City	890,000	37	1.58	0.22	0.03	0.00	0.01	0.03	0.07	0.19	0.30	0.52	0.56	0.56	0.56
Non-metropolitan	2,944,000	177	6.54	0.32	0.02	0.01	0.03	0.07	0.14	0.26	0.43	0.63	0.91	1.49	1.77
Suburban	2,884,000	156	3.33	0.29	0.04	0.00	0.01	0.01	0.06	0.13	0.36	0.64	0.97	3.11	3.11
Race															
Black	253,000	16	1.16	*	*	*	*	*	*	*	*	*	*	*	*
White	6,266,000	345	3.98	0.31	0.02	0.00	0.01	0.03	0.09	0.22	0.39	0.62	0.94	1.77	3.11
Region															
Midwest	2,487,000	143	5.36	0.27	0.02	0.00	0.04	0.06	0.10	0.22	0.34	0.56	0.72	1.34	1.34
Northeast	876,000	52	2.13	0.23	0.04	0.00	0.00	0.01	0.01	0.11	0.35	0.64	1.05	1.36	1.41
South	1,919,000	107	2.98	0.33	0.03	0.00	0.03	0.04	0.15	0.25	0.39	0.69	1.08	1.49	1.77
West	1,436,000	68	3.98	0.33	0.07	0.00	0.01	0.02	0.06	0.15	0.39	0.55	0.97	3.11	3.11
Response to Questionnaire															
Households who garden	6,441,000	356	9.45	0.30	0.02	0.00	0.01	0.03	0.09	0.21	0.38	0.61	0.92	1.77	3.11
Households who farm	1,390,000	81	18.97	0.38	0.04	0.03	0.04	0.05	0.11	0.28	0.52	0.94	1.11	1.49	1.49
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-46. Consumer-Only Intake of Home-Produced Other Berries (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,626,000	99	0.86	0.48	0.04	0.00	0.05	0.09	0.23	0.38	0.59	1.07	1.28	2.21	2.21
Age															
1 to 2	41,000	2	0.72	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	53,000	3	0.65	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	106,000	10	0.63	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	79,000	5	0.39	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	309,000	20	0.50	0.39	0.06	0.08	0.09	0.09	0.13	0.33	0.55	0.79	1.07	1.07	1.07
40 to 69	871,000	51	1.54	0.49	0.06	0.08	0.10	0.13	0.25	0.39	0.61	0.77	1.28	2.21	2.21
≥ 70	159,000	7	1.00	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	379,000	13	0.80	*	*	*	*	*	*	*	*	*	*	*	*
Spring	287,000	29	0.62	0.31	0.04	0.05	0.05	0.08	0.18	0.25	0.41	0.54	0.72	1.07	1.07
Summer	502,000	18	1.10	*	*	*	*	*	*	*	*	*	*	*	*
Winter	458,000	39	0.94	0.54	0.07	0.00	0.10	0.16	0.23	0.39	0.62	1.07	1.95	2.08	2.08
Urbanization															
Central City	378,000	15	0.67	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	466,000	37	1.04	0.64	0.09	0.00	0.09	0.10	0.25	0.44	1.02	1.31	2.21	2.21	2.21
Suburban	722,000	45	0.83	0.45	0.05	0.09	0.13	0.16	0.26	0.38	0.54	0.59	0.90	2.08	2.08
Race															
Black	76,000	4	0.35	*	*	*	*	*	*	*	*	*	*	*	*
White	1,490,000	93	0.95	0.50	0.04	0.05	0.09	0.10	0.25	0.40	0.60	1.07	1.31	2.21	2.21
Region															
Midwest	736,000	56	1.59	0.46	0.06	0.00	0.08	0.09	0.13	0.30	0.59	1.12	1.28	2.21	2.21
Northeast	211,000	11	0.51	*	*	*	*	*	*	*	*	*	*	*	*
South	204,000	12	0.32	*	*	*	*	*	*	*	*	*	*	*	*
West	415,000	18	1.15	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who garden	1,333,000	84	1.96	0.47	0.05	0.01	0.00	0.09	0.20	0.35	0.55	1.07	1.28	2.21	2.21
Households who farm	219,000	16	2.99	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-47. Consumer-Only Intake of Home-Produced Peaches (g/kg-day)

Population Group	Nc Wgtd	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,941,000	193	1.56	1.67	0.17	0.05	0.17	0.23	0.47	0.90	1.88	3.79	6.36	12.30	22.30
Age															
1 to 2	103,000	8	1.81	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	65,000	6	0.80	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	329,000	26	1.97	3.11	0.63	0.10	0.10	0.14	0.63	1.13	6.36	8.53	8.53	11.50	11.50
12 to 19	177,000	13	0.86	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	573,000	35	0.93	1.17	0.17	0.05	0.06	0.23	0.47	0.81	1.30	2.92	2.99	5.27	5.27
40 to 69	1,076,000	70	1.90	1.53	0.28	0.06	0.19	0.24	0.56	0.89	1.61	2.63	4.43	12.30	12.30
≥ 70	598,000	33	3.77	1.01	0.20	0.09	0.14	0.18	0.28	0.82	1.19	1.60	3.79	7.13	7.13
Season															
Fall	485,000	19	1.02	*	*	*	*	*	*	*	*	*	*	*	*
Spring	756,000	91	1.64	1.67	0.30	0.05	0.06	0.10	0.28	0.77	1.45	4.44	6.77	22.30	22.30
Summer	1,081,000	35	2.38	2.26	0.48	0.17	0.23	0.36	0.57	1.12	2.99	6.36	8.53	12.30	12.30
Winter	619,000	48	1.27	1.25	0.10	0.04	0.24	0.56	0.78	1.04	1.71	2.35	2.60	3.56	3.56
Urbanization															
Central City	429,000	12	0.76	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	1,110,000	99	2.47	1.87	0.26	0.06	0.26	0.39	0.65	1.02	2.18	3.86	6.36	11.50	22.30
Suburban	1,402,000	82	1.62	1.47	0.18	0.05	0.14	0.20	0.46	0.92	1.87	3.79	4.43	7.37	7.37
Race															
Black	39,000	1	0.18	*	*	*	*	*	*	*	*	*	*	*	*
White	2,861,000	191	1.82	1.70	0.17	0.05	0.17	0.23	0.50	0.90	1.96	3.79	6.36	12.30	22.30
Region															
Midwest	824,000	75	1.78	1.39	0.29	0.18	0.22	0.26	0.46	0.74	1.19	3.06	3.56	11.50	22.30
Northeast	75,000	5	0.18	*	*	*	*	*	*	*	*	*	*	*	*
South	852,000	51	1.32	1.67	0.26	0.04	0.14	0.18	0.64	1.02	1.96	3.83	6.36	8.53	8.53
West	1,190,000	62	3.30	1.80	0.33	0.05	0.14	0.23	0.47	0.86	1.94	4.43	7.37	12.30	12.30
Response to Questionnaire															
Households who garden	2,660,000	174	3.90	1.75	0.19	0.05	0.17	0.26	0.53	0.93	1.96	3.79	6.36	12.30	22.30
Households who farm	769,000	54	10.49	1.56	0.25	0.07	0.18	0.23	0.46	0.90	2.02	2.99	6.36	8.53	8.53
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-48. Consumer-Only Intake of Home-Produced Pears (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,513,000	94	0.80	0.94	0.10	0.10	0.18	0.24	0.43	0.68	1.09	1.60	2.76	5.16	5.16
Age															
1 to 2	24,000	3	0.42	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	45,000	3	0.56	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	145,000	10	0.87	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	121,000	7	0.59	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	365,000	23	0.59	0.62	0.06	0.11	0.32	0.38	0.43	0.50	0.68	1.22	1.24	1.24	1.24
40 to 69	557,000	33	0.98	0.66	0.06	0.10	0.11	0.33	0.42	0.65	0.92	1.10	1.13	1.51	1.51
≥ 70	256,000	15	1.61	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	308,000	11	0.65	*	*	*	*	*	*	*	*	*	*	*	*
Spring	355,000	39	0.77	0.69	0.08	0.10	0.11	0.18	0.34	0.60	0.87	1.15	1.83	2.54	2.54
Summer	474,000	16	1.04	*	*	*	*	*	*	*	*	*	*	*	*
Winter	376,000	28	0.77	1.48	0.28	0.11	0.11	0.38	0.65	0.95	1.38	4.82	5.16	5.16	5.16
Urbanization															
Central City	222,000	11	0.39	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	634,000	44	1.41	0.78	0.09	0.33	0.35	0.42	0.44	0.57	0.81	1.56	1.86	2.88	2.88
Suburban	657,000	39	0.76	0.85	0.12	0.10	0.11	0.18	0.39	0.73	1.10	1.50	2.57	4.79	4.79
Race															
Black	51,000	3	0.23	*	*	*	*	*	*	*	*	*	*	*	*
White	1,462,000	91	0.93	0.97	0.10	0.11	0.24	0.35	0.44	0.70	1.09	1.60	2.88	5.16	5.16
Region															
Midwest	688,000	57	1.48	0.87	0.09	0.22	0.34	0.38	0.44	0.65	1.04	1.60	2.57	4.79	4.79
Northeast	18,000	2	0.04	*	*	*	*	*	*	*	*	*	*	*	*
South	377,000	13	0.59	*	*	*	*	*	*	*	*	*	*	*	*
West	430,000	22	1.19	1.14	0.29	0.10	0.11	0.11	0.36	0.75	1.13	2.76	4.82	5.16	5.16
Response to Questionnaire															
Households who garden	1,312,000	85	1.93	0.95	0.10	0.10	0.18	0.35	0.43	0.68	1.09	1.56	2.88	5.16	5.16
Households who farm	528,000	35	7.20	1.09	0.21	0.11	0.22	0.38	0.43	0.61	1.09	2.76	4.82	5.16	5.16
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-49. Consumer-Only Intake of Home-Produced Peas (g/kg-day)

Population Group	Nc Wgtd	Nc unwgted	% Consuming												
				Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	4,252,000	226	2.26	0.51	0.03	0.05	0.10	0.14	0.23	0.32	0.62	1.04	1.46	2.66	2.89
Age															
1 to 2	163,000	9	2.86	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	140,000	7	1.73	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	515,000	26	3.08	0.61	0.09	0.15	0.15	0.22	0.30	0.39	0.90	1.35	1.40	2.06	2.06
12 to 19	377,000	22	1.84	0.41	0.04	0.06	0.13	0.16	0.24	0.36	0.50	0.71	0.82	0.82	0.82
20 to 39	1,121,000	52	1.82	0.41	0.06	0.10	0.12	0.14	0.18	0.25	0.41	0.85	1.36	2.71	2.71
40 to 69	1,366,000	80	2.41	0.46	0.05	0.07	0.10	0.12	0.23	0.30	0.61	1.00	1.30	2.36	2.36
≥ 70	458,000	26	2.88	0.33	0.06	0.03	0.03	0.05	0.18	0.27	0.37	1.00	1.00	1.46	1.46
Season															
Fall	1,239,000	41	2.60	0.30	0.03	0.03	0.05	0.12	0.21	0.26	0.35	0.60	0.71	1.00	1.00
Spring	765,000	78	1.66	0.44	0.04	0.06	0.11	0.12	0.19	0.33	0.52	0.92	1.40	2.06	2.06
Summer	1,516,000	51	3.33	0.59	0.07	0.07	0.13	0.17	0.22	0.39	0.82	1.35	1.60	2.66	2.66
Winter	732,000	56	1.50	0.75	0.09	0.12	0.18	0.21	0.27	0.54	0.95	1.54	2.36	2.89	2.89
Urbanization															
Central City	558,000	19	0.99	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	2,028,000	126	4.50	0.48	0.04	0.08	0.14	0.17	0.25	0.35	0.58	1.04	1.36	1.89	2.89
Suburban	1,666,000	81	1.92	0.51	0.05	0.07	0.12	0.13	0.23	0.39	0.68	1.00	1.30	2.28	2.36
Race															
Black	355,000	19	1.63	*	*	*	*	*	*	*	*	*	*	*	*
White	3,784,000	203	2.40	0.50	0.03	0.03	0.10	0.13	0.22	0.33	0.60	1.00	1.40	2.66	2.89
Region															
Midwest	1,004,000	55	2.16	0.40	0.07	0.03	0.05	0.10	0.14	0.25	0.35	0.88	1.54	2.71	2.89
Northeast	241,000	14	0.59	*	*	*	*	*	*	*	*	*	*	*	*
South	2,449,000	132	3.81	0.57	0.04	0.13	0.17	0.20	0.26	0.37	0.68	1.24	1.60	2.66	2.66
West	558,000	25	1.55	0.38	0.06	0.07	0.07	0.10	0.22	0.27	0.48	0.90	0.94	1.40	1.40
Response to Questionnaire															
Households who garden	3,980,000	214	5.84	0.51	0.03	0.03	0.10	0.14	0.23	0.32	0.63	1.04	1.54	2.66	2.89
Households who farm	884,000	55	12.06	0.46	0.06	0.03	0.05	0.09	0.21	0.35	0.52	0.90	1.40	1.60	2.89
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-50. Consumer-Only Intake of Home-Produced Peppers (g/kg-day)

Population Group	Nc wgtd	Nc unwtgd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	5,153,000	208	2.74												
Age															
1 to 2	163,000	6	2.86	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	108,000	5	1.33	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	578,000	26	3.46	0.23	0.04	0.00	0.00	0.03	0.09	0.16	0.30	0.43	0.77	0.85	0.85
12 to 19	342,000	16	1.67	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	1,048,000	40	1.70	0.22	0.06	0.02	0.03	0.06	0.09	0.12	0.22	0.40	0.62	2.48	2.48
40 to 69	2,221,000	88	3.92	0.25	0.03	0.01	0.03	0.05	0.08	0.17	0.32	0.48	0.74	1.50	1.50
≥ 70	646,000	25	4.07	0.26	0.06	0.02	0.02	0.02	0.07	0.14	0.24	0.92	0.94	1.07	1.07
Season															
Fall	1,726,000	53	3.62	0.20	0.03	0.00	0.03	0.04	0.09	0.17	0.24	0.35	0.40	1.07	1.07
Spring	255,000	28	0.55	0.30	0.07	0.00	0.02	0.04	0.07	0.15	0.32	1.09	1.20	1.53	1.53
Summer	2,672,000	94	5.87												
Winter	500,000	33	1.03												
Urbanization															
Central City	865,000	30	1.53	0.25	0.04	0.04	0.06	0.07	0.11	0.18	0.27	0.36	0.94	1.10	1.10
Non-metropolitan	1,982,000	89	4.40	0.24	0.04	0.01	0.02	0.03	0.07	0.12	0.27	0.54	0.77	2.48	2.48
Suburban	2,246,000	87	2.59	0.25	0.03	0.00	0.03	0.04	0.09	0.16	0.29	0.49	0.97	1.50	1.53
Race															
Black	127,000	6	0.58	*	*	*	*	*	*	*	*	*	*	*	*
White	4,892,000	198	3.11	0.25	0.02	0.02	0.03	0.04	0.09	0.15	0.29	0.49	0.92	1.81	2.48
Region															
Midwest	1,790,000	74	3.86	0.23	0.04	0.01	0.02	0.03	0.06	0.15	0.26	0.39	0.85	2.48	2.48
Northeast	786,000	31	1.91												
South	1,739,000	72	2.70	0.23	0.03	0.03	0.07	0.08	0.11	0.17	0.27	0.43	0.53	1.81	1.81
West	778,000	29	2.16	0.21	0.05	0.02	0.02	0.03	0.04	0.09	0.25	0.54	0.92	1.07	1.07
Response to Questionnaire															
Households who garden	4,898,000	199	7.19	0.24	0.02	0.00	0.02	0.03	0.08	0.15	0.29	0.48	0.85	1.50	2.48
Households who farm	867,000	35	11.83	0.30	0.08	0.00	0.03	0.03	0.07	0.17	0.36	0.60	0.85	2.48	2.48
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwtgd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-51. Consumer-Only Intake of Home-Produced Pork (g/kg-day)

Population Group	Nc Wgtd	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,732,000	121	0.92	1.23	0.10	0.09	0.14	0.31	0.54	0.90	1.71	2.73	3.37	4.93	7.41
Age															
1 to 2	38,000	5	0.67	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	26,000	3	0.32	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	129,000	11	0.77	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	291,000	20	1.42	1.28	0.24	0.31	0.32	0.34	0.52	0.89	1.75	3.69	3.69	4.29	4.29
20 to 39	511,000	32	0.83	1.21	0.18	0.11	0.28	0.41	0.55	0.79	1.43	2.90	3.08	4.93	4.93
40 to 69	557,000	38	0.98	1.02	0.12	0.12	0.18	0.22	0.41	0.81	1.71	1.78	2.28	3.16	3.16
≥ 70	180,000	12	1.13	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	362,000	13	0.76	*	*	*	*	*	*	*	*	*	*	*	*
Spring	547,000	59	1.19	1.13	0.13	0.11	0.14	0.22	0.35	0.90	1.50	2.68	3.68	4.29	4.29
Summer	379,000	15	0.83	*	*	*	*	*	*	*	*	*	*	*	*
Winter	444,000	34	0.91	1.40	0.24	0.13	0.26	0.38	0.50	0.88	2.21	3.08	4.93	7.41	7.41
Urbanization															
Central City	90,000	2	0.16	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	1,178,000	77	2.62	1.39	0.13	0.09	0.22	0.41	0.62	0.97	1.75	3.16	3.69	4.93	7.41
Suburban	464,000	42	0.54	0.88	0.12	0.11	0.12	0.18	0.33	0.59	1.10	2.28	2.73	2.90	2.90
Race															
Black	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
White	1,732,000	121	1.10	1.23	0.10	0.09	0.14	0.31	0.54	0.90	1.71	2.73	3.37	4.93	7.41
Region															
Midwest	844,000	64	1.82	1.06	0.12	0.09	0.12	0.21	0.50	0.67	1.20	2.68	3.37	3.69	3.73
Northeast	97,000	5	0.24	*	*	*	*	*	*	*	*	*	*	*	*
South	554,000	32	0.86	1.35	0.15	0.18	0.26	0.34	0.81	1.26	1.75	2.44	3.08	4.29	4.29
West	237,000	20	0.66	1.15	0.31	0.13	0.32	0.38	0.44	0.73	1.10	1.75	2.73	7.41	7.41
Response to Questionnaire															
Households who raise animals	1,428,000	100	14.14	1.34	0.10	0.14	0.32	0.41	0.59	0.97	1.75	2.90	3.37	4.29	4.93
Households who farm	1,218,000	82	16.62	1.30	0.11	0.22	0.34	0.41	0.59	0.92	1.71	3.08	3.69	4.93	4.93
* Intake data not provided for subpopulations for which there were less than 20 observations.															
- Indicates data are not available.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-52. Consumer-Only Intake of Home-Produced Poultry (g/kg-day)

Population Group	Nc Wgtd	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	1,816,000	105	0.97	1.57	0.12	0.20	0.30	0.42	0.64	1.23	2.19	3.17	3.83	5.33	6.17
Age															
1 to 2	91,000	8	1.60	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	70,000	5	0.86	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	205,000	12	1.23	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	194,000	12	0.95	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	574,000	33	0.93	1.17	0.15	0.17	0.40	0.40	0.56	1.15	1.37	1.80	2.93	4.59	4.59
40 to 69	568,000	30	1.00	1.51	0.24	0.20	0.20	0.30	0.49	0.77	2.69	3.29	4.60	5.15	5.15
≥ 70	80,000	3	0.50	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	562,000	23	1.18	1.52	0.18	0.41	0.42	0.46	0.81	1.39	2.23	2.69	3.17	3.17	3.17
Spring	374,000	34	0.81	1.87	0.28	0.17	0.23	0.30	0.52	1.38	3.29	4.60	5.15	5.33	5.33
Summer	312,000	11	0.69	*	*	*	*	*	*	*	*	*	*	*	*
Winter	568,000	37	1.17	1.55	0.20	0.20	0.20	0.43	0.60	1.23	2.18	2.95	3.47	6.17	6.17
Urbanization															
Central City	230,000	8	0.41	*	*	*	*	*	*	*	*	*	*	*	*
Non-metropolitan	997,000	56	2.21	1.48	0.13	0.20	0.28	0.41	0.67	1.19	2.10	3.17	3.29	3.86	5.33
Suburban	589,000	41	0.68	1.94	0.23	0.23	0.27	0.43	0.62	1.59	2.69	4.59	4.83	6.17	6.17
Race															
Black	44,000	2	0.20	*	*	*	*	*	*	*	*	*	*	*	*
White	1,772,000	103	1.12	1.57	0.12	0.20	0.30	0.42	0.62	1.23	2.19	3.17	3.86	5.33	6.17
Region															
Midwest	765,000	41	1.65	1.60	0.14	0.41	0.42	0.56	0.98	1.39	2.19	2.70	3.17	3.86	5.33
Northeast	64,000	4	0.16	*	*	*	*	*	*	*	*	*	*	*	*
South	654,000	38	1.02	1.67	0.25	0.17	0.20	0.30	0.46	0.91	2.11	4.59	4.83	6.17	6.17
West	333,000	22	0.92	1.24	0.18	0.27	0.27	0.43	0.56	1.02	1.89	2.45	2.93	2.93	2.93
Response to Questionnaire															
Households who raise animals	1,333,000	81	13.20	1.58	0.12	0.23	0.41	0.47	0.71	1.37	2.19	2.93	3.29	5.33	6.17
Households who farm	917,000	59	12.51	1.54	0.18	0.20	0.23	0.30	0.60	1.06	2.18	3.47	4.83	6.17	6.17
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-53. Consumer-Only Intake of Home-Produced Pumpkins (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,041,000	87	1.09	0.78	0.07	0.13	0.18	0.24	0.32	0.56	1.07	1.47	1.79	3.02	4.48
Age															
1 to 2	73,000	4	1.28	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	18,000	2	0.22	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	229,000	9	1.37	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	244,000	10	1.19	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	657,000	26	1.07	0.80	0.13	0.18	0.18	0.30	0.38	0.48	1.03	1.73	2.67	2.67	2.67
40 to 69	415,000	20	0.73	0.82	0.16	0.29	0.29	0.32	0.37	0.52	0.96	1.47	3.02	3.02	3.02
≥ 70	373,000	15	2.35	*	*	*	*	*	*	*	*	*	*	*	*
Season															
Fall	1,345,000	49	2.82	0.82	0.09	0.13	0.18	0.28	0.37	0.61	1.17	1.73	1.79	3.02	3.02
Spring	48,000	6	0.10	*	*	*	*	*	*	*	*	*	*	*	*
Summer	405,000	13	0.89	*	*	*	*	*	*	*	*	*	*	*	*
Winter	243,000	19	0.50	*	*	*	*	*	*	*	*	*	*	*	*
Urbanization															
Central City	565,000	20	1.00	0.63	0.11	0.18	0.18	0.24	0.28	0.38	0.94	1.24	1.33	2.24	2.24
Non-metropolitan	863,000	44	1.92	0.64	0.10	0.13	0.17	0.19	0.31	0.51	0.67	1.22	1.45	4.48	4.48
Suburban	613,000	23	0.71	1.10	0.13	0.29	0.29	0.30	0.47	1.04	1.47	1.79	2.67	2.67	2.67
Race															
Black	22,000	1	0.10	*	*	*	*	*	*	*	*	*	*	*	*
White	2,019,000	86	1.28	0.78	0.07	0.13	0.18	0.24	0.32	0.56	1.10	1.47	1.79	3.02	4.48
Region															
Midwest	1,370,000	54	2.95	0.82	0.10	0.13	0.23	0.24	0.32	0.57	1.04	1.73	2.67	3.02	4.48
Northeast	15,000	1	0.04	*	*	*	*	*	*	*	*	*	*	*	*
South	179,000	10	0.28	*	*	*	*	*	*	*	*	*	*	*	*
West	477,000	22	1.32	0.79	0.10	0.18	0.19	0.31	0.37	0.74	1.17	1.47	1.51	1.51	1.51
Response to Questionnaire															
Households who garden	1,987,000	85	2.92	0.77	0.07	0.13	0.18	0.24	0.32	0.56	1.04	1.46	1.79	3.02	4.48
Households who farm	449,000	18	6.13	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987-1988 NFCS.															

Table 13-54. Consumer-Only Intake of Home-Produced Snap Beans (g/kg-day)

Population Group	Nc wgtgd	Nc Unwgtgd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	12,308,000	739	6.55	0.80	0.03	0.06	0.15	0.19	0.34	0.57	1.04	1.58	2.01	3.90	9.96
Age															
1 to 2	246,000	17	4.32	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	455,000	32	5.62	1.49	0.24	0.00	0.00	0.35	0.90	1.16	1.66	3.20	4.88	6.90	6.90
6 to 11	862,000	62	5.16	0.90	0.12	0.00	0.20	0.22	0.32	0.64	1.21	1.79	2.75	4.81	5.66
12 to 19	1,151,000	69	5.62	0.64	0.06	0.00	0.16	0.22	0.32	0.50	0.81	1.34	1.79	2.72	2.72
20 to 39	2,677,000	160	4.35	0.61	0.04	0.07	0.13	0.16	0.26	0.50	0.79	1.24	1.64	2.05	4.26
40 to 69	4,987,000	292	8.79	0.72	0.03	0.10	0.16	0.23	0.36	0.56	0.86	1.45	1.77	2.70	4.23
≥ 70	1,801,000	100	11.34	0.92	0.12	0.06	0.07	0.15	0.37	0.64	1.22	1.70	2.01	9.96	9.96
Season															
Fall	3,813,000	137	8.00	0.81	0.08	0.06	0.15	0.18	0.27	0.54	1.18	1.52	2.01	4.82	9.96
Spring	2,706,000	288	5.86	0.90	0.05	0.03	0.15	0.22	0.37	0.59	1.11	1.72	2.85	5.66	6.90
Summer	2,946,000	98	6.48	0.63	0.05	0.00	0.12	0.16	0.33	0.50	0.85	1.30	1.70	2.05	2.63
Winter	2,843,000	216	5.84	0.86	0.05	0.11	0.18	0.24	0.42	0.62	1.12	1.72	2.02	3.85	7.88
Urbanization															
Central City	2,205,000	78	3.91	0.60	0.06	0.06	0.07	0.16	0.26	0.51	0.71	1.23	1.54	1.93	3.35
Non-metropolitan	5,696,000	404	12.65	0.96	0.05	0.09	0.18	0.23	0.37	0.68	1.19	1.89	2.70	4.88	9.96
Suburban	4,347,000	255	5.02	0.70	0.04	0.10	0.14	0.19	0.34	0.52	0.93	1.36	1.77	2.98	6.08
Race															
Black	634,000	36	2.92	0.76	0.14	0.25	0.25	0.28	0.30	0.48	1.04	1.30	1.34	5.98	5.98
White	11,519,000	694	7.31	0.81	0.03	0.07	0.15	0.19	0.35	0.57	1.06	1.63	2.01	3.90	9.96
Region															
Midwest	4,651,000	307	10.02	0.86	0.06	0.07	0.15	0.19	0.34	0.55	0.99	1.70	2.47	4.88	9.96
Northeast	990,000	52	2.40	0.57	0.07	0.00	0.10	0.11	0.18	0.49	0.82	1.28	1.36	1.97	3.09
South	4,755,000	286	7.39	0.88	0.04	0.13	0.21	0.25	0.40	0.68	1.22	1.72	2.01	3.23	5.98
West	1,852,000	92	5.14	0.59	0.04	0.07	0.14	0.18	0.27	0.51	0.74	1.20	1.52	2.19	2.19
Response to Questionnaire															
Households who garden	11,843,000	700	17.38	0.79	0.03	0.06	0.15	0.19	0.33	0.56	1.02	1.60	2.01	3.85	9.96
Households who farm	2,591,000	157	35.35	0.80	0.05	0.06	0.13	0.19	0.41	0.66	1.12	1.54	1.98	2.96	4.23
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtgd = Weighted number of consumers.															
Nc unwgtgd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-55. Consumer-Only Intake of Home-Produced Strawberries (g/kg-day)

Population Group	Nc wgted	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,057,000	139	1.09	0.65	0.05	0.04	0.08	0.12	0.26	0.47	0.82	1.47	1.77	2.72	4.83
Age															
1 to 2	30,000	2	0.53	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	66,000	6	0.81	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	153,000	15	0.92	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	201,000	11	0.98	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	316,000	22	0.51	0.32	0.06	0.08	0.08	0.11	0.12	0.21	0.46	0.82	0.97	1.56	1.56
40 to 69	833,000	55	1.47	0.64	0.06	0.02	0.07	0.18	0.36	0.58	0.94	1.42	1.47	2.37	2.37
≥ 70	449,000	27	2.83	0.64	0.11	0.04	0.04	0.09	0.26	0.47	0.70	1.66	1.89	2.72	2.72
Season															
Fall	250,000	8	0.52	*	*	*	*	*	*	*	*	*	*	*	*
Spring	598,000	66	1.30	0.83	0.10	0.08	0.09	0.18	0.28	0.47	0.97	1.93	2.54	4.83	4.83
Summer	388,000	11	0.85	*	*	*	*	*	*	*	*	*	*	*	*
Winter	821,000	54	1.69	0.51	0.06	0.02	0.04	0.11	0.21	0.39	0.60	1.27	1.46	2.37	2.37
Urbanization															
Central City	505,000	23	0.90	0.75	0.12	0.04	0.04	0.09	0.38	0.49	1.33	1.47	1.69	2.37	2.37
Non-metropolitan	664,000	52	1.47	0.62	0.11	0.02	0.07	0.08	0.13	0.39	0.81	1.66	2.16	4.83	4.83
Suburban	888,000	64	1.03	0.62	0.06	0.08	0.18	0.22	0.35	0.53	0.70	1.27	1.56	2.97	2.97
Race															
Black	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
White	2,057,000	139	1.31	0.65	0.05	0.04	0.08	0.12	0.26	0.47	0.82	1.47	1.77	2.72	4.83
Region															
Midwest	1,123,000	76	2.42	0.69	0.08	0.02	0.07	0.08	0.18	0.42	1.00	1.66	1.93	2.97	4.83
Northeast	382,000	25	0.93	0.64	0.10	0.09	0.16	0.18	0.26	0.47	0.87	1.46	1.83	2.16	2.16
South	333,000	23	0.52	0.67	0.08	0.13	0.21	0.38	0.52	0.62	0.70	1.00	1.00	2.72	2.72
West	219,000	15	0.61	*	*	*	*	*	*	*	*	*	*	*	*
Response to Questionnaire															
Households who garden	1,843,000	123	2.70	0.64	0.05	0.04	0.08	0.12	0.23	0.45	0.82	1.46	1.77	2.54	4.83
Households who farm	87,000	9	1.19	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations. - Indicates data are not available. SE = Standard error. p = Percentile of the distribution. Nc wgted = Weighted number of consumers. Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-56. Consumer-Only Intake of Home-Produced Tomatoes (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	16,737,000	743	8.90	1.18	0.05	0.08	0.15	0.23	0.39	0.74	1.46	2.50	3.54	7.26	19.30
Age															
1 to 2	572,000	26	10.04	3.14	0.53	0.73	0.86	0.93	1.23	1.66	4.00	7.26	10.70	10.70	10.70
3 to 5	516,000	26	6.37	1.61	0.27	0.50	0.51	0.51	0.75	1.25	1.65	3.00	6.25	6.25	6.25
6 to 11	1,093,000	51	6.54	1.63	0.27	0.22	0.31	0.39	0.53	0.76	1.66	5.20	5.70	9.14	9.14
12 to 19	1,411,000	61	6.89	0.72	0.09	0.00	0.00	0.18	0.27	0.52	0.85	1.67	1.94	3.39	3.39
20 to 39	4,169,000	175	6.77	0.85	0.10	0.07	0.13	0.15	0.25	0.52	1.00	1.83	2.10	5.52	19.30
40 to 69	6,758,000	305	11.92	1.05	0.05	0.11	0.17	0.28	0.40	0.75	1.41	2.40	3.05	4.50	5.00
≥ 70	1,989,000	89	12.53	1.26	0.09	0.11	0.24	0.30	0.48	1.14	1.77	2.51	2.99	3.67	3.67
Season															
Fall	5,516,000	201	11.57	1.02	0.09	0.07	0.14	0.22	0.34	0.60	1.34	2.24	2.87	6.25	10.70
Spring	1,264,000	127	2.74	0.84	0.06	0.14	0.19	0.24	0.37	0.63	1.11	1.75	2.00	3.79	5.28
Summer	8,122,000	279	17.86	1.30	0.09	0.11	0.17	0.24	0.41	0.80	1.55	3.05	4.05	7.26	10.90
Winter	1,835,000	136	3.77	1.37	0.18	0.09	0.21	0.29	0.50	0.83	1.49	2.48	3.38	8.29	19.30
Urbanization															
Central City	2,680,000	90	4.76	1.10	0.13	0.00	0.15	0.23	0.35	0.75	1.51	2.16	2.95	7.26	8.29
Non-metropolitan	7,389,000	378	16.41	1.26	0.07	0.11	0.22	0.26	0.42	0.76	1.47	2.77	3.85	6.87	10.70
Suburban	6,668,000	275	7.70	1.13	0.09	0.08	0.14	0.18	0.37	0.67	1.38	2.35	3.32	5.52	19.30
Race															
Black	743,000	28	3.42	0.61	0.09	0.00	0.00	0.07	0.24	0.51	0.90	1.18	1.55	1.66	1.66
White	15,658,000	703	9.94	1.22	0.06	0.11	0.17	0.24	0.41	0.76	1.49	2.55	3.59	7.26	19.30
Region															
Midwest	6,747,000	322	14.54	1.18	0.09	0.06	0.15	0.21	0.36	0.68	1.41	2.51	3.69	6.87	19.30
Northeast	2,480,000	87	6.02	1.17	0.16	0.08	0.14	0.15	0.35	0.75	1.38	2.44	3.52	10.90	10.90
South	4,358,000	202	6.77	1.15	0.09	0.00	0.21	0.25	0.42	0.75	1.43	2.32	3.67	6.82	9.14
West	3,152,000	132	8.74	1.23	0.10	0.18	0.24	0.28	0.41	0.77	1.84	2.78	3.08	7.26	7.26
Response to Questionnaire															
Households who garden	14,791,000	661	21.70	1.21	0.06	0.08	0.15	0.23	0.41	0.76	1.50	2.51	3.52	7.26	19.30
Households who farm	2,269,000	112	30.96	1.42	0.16	0.00	0.18	0.23	0.42	0.77	1.86	3.55	5.20	9.14	9.14
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-57. Consumer-Only Intake of Home-Produced White Potatoes (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	5,895,000	281	3.14	1.66	0.11	0.00	0.19	0.31	0.55	1.27	2.07	3.11	4.76	9.52	12.80
Age															
1 to 2	147,000	10	2.58	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	119,000	6	1.47	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	431,000	24	2.58	2.19	0.39	0.00	0.00	0.41	0.72	1.76	3.10	5.94	6.52	6.52	6.52
12 to 19	751,000	31	3.67	1.26	0.19	0.07	0.19	0.26	0.38	1.22	1.80	2.95	3.11	4.14	4.14
20 to 39	1,501,000	66	2.44	1.24	0.12	0.16	0.16	0.20	0.48	1.00	1.62	2.54	3.08	4.29	5.09
40 to 69	1,855,000	95	3.27	1.86	0.23	0.13	0.26	0.35	0.70	1.31	2.04	3.43	5.29	12.80	12.80
≥ 70	1,021,000	45	6.43	1.27	0.12	0.21	0.22	0.36	0.55	1.21	1.69	2.35	2.88	3.92	3.92
Season															
Fall	2,267,000	86	4.76	1.63	0.22	0.16	0.22	0.27	0.46	1.13	1.79	3.43	4.14	12.80	12.80
Spring	527,000	58	1.14	1.23	0.13	0.07	0.11	0.20	0.41	0.86	1.91	2.86	3.08	4.28	4.28
Summer	2,403,000	81	5.28	1.63	0.18	0.00	0.19	0.32	0.62	1.32	2.09	3.08	5.29	9.43	9.43
Winter	698,000	56	1.43	2.17	0.20	0.14	0.40	0.50	0.86	2.02	2.95	4.26	5.40	6.00	6.00
Urbanization															
Central City	679,000	25	1.20	0.96	0.15	0.16	0.16	0.18	0.38	0.56	1.52	2.07	2.25	2.54	2.54
Non-metropolitan	3,046,000	159	6.77	1.96	0.16	0.18	0.27	0.37	0.77	1.50	2.38	3.55	5.64	12.80	12.80
Suburban	2,110,000	95	2.44	1.49	0.17	0.11	0.19	0.32	0.54	0.93	1.68	3.11	4.76	9.43	9.43
Race															
Black	140,000	5	0.64	*	*	*	*	*	*	*	*	*	*	*	*
White	5,550,000	269	3.52	1.67	0.11	0.14	0.21	0.31	0.55	1.28	2.09	3.11	4.76	9.52	12.80
Region															
Midwest	2,587,000	133	5.58	1.77	0.15	0.18	0.24	0.34	0.64	1.35	2.15	3.77	5.29	9.43	9.43
Northeast	656,000	31	1.59	1.28	0.20	0.07	0.13	0.17	0.35	0.86	1.97	2.95	3.80	5.09	5.09
South	1,796,000	84	2.79	2.08	0.24	0.16	0.35	0.46	0.92	1.56	2.40	3.44	5.64	12.80	12.80
West	796,000	31	2.21	0.76	0.11	0.16	0.22	0.26	0.41	0.54	0.96	1.40	1.95	3.11	3.11
Response to Questionnaire															
Households who garden	5,291,000	250	7.76	1.65	0.11	0.00	0.21	0.31	0.56	1.28	2.09	3.10	4.28	9.52	12.80
Households who farm	1,082,000	62	14.76	1.83	0.18	0.07	0.21	0.58	0.92	1.46	2.31	3.80	5.09	6.52	6.52
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE	= Standard error.														
p	= Percentile of the distribution.														
Nc wgtd	= Weighted number of consumers.														
Nc unwgtd	= Unweighted number of consumers in survey.														
Source:	Based on EPA's analyses of the 1987–1988 NFCS.														

Table 13-58. Consumer-Only Intake of Home-Produced Exposed Fruit (g/kg-day)

Population Group	Nc Wgtd	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	11,770,000	679	6.26	1.49	0.08	0.04	0.14	0.26	0.45	0.83	1.70	3.16	4.78	12.00	32.50
Age															
1 to 2	306,000	19	5.37	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	470,000	30	5.80	2.60	0.78	0.00	0.00	0.37	1.00	1.82	2.64	5.41	6.07	32.50	32.50
6 to 11	915,000	68	5.48	2.52	0.42	0.00	0.17	0.37	0.62	1.11	2.91	6.98	11.70	15.70	15.90
12 to 19	896,000	50	4.37	1.33	0.21	0.08	0.12	0.26	0.40	0.61	2.27	3.41	4.78	5.90	5.90
20 to 39	2,521,000	139	4.09	1.09	0.14	0.08	0.13	0.17	0.30	0.62	1.07	2.00	3.58	12.90	12.90
40 to 69	4,272,000	247	7.53	1.25	0.11	0.06	0.16	0.25	0.44	0.72	1.40	2.61	3.25	13.00	13.00
≥ 70	2,285,000	118	14.39	1.39	0.12	0.04	0.21	0.28	0.57	0.96	1.66	3.73	4.42	5.39	7.13
Season															
Fall	2,877,000	100	6.04	1.37	0.12	0.26	0.29	0.34	0.54	1.03	1.88	2.88	4.25	5.41	5.41
Spring	2,466,000	265	5.34	1.49	0.15	0.09	0.20	0.25	0.43	0.86	1.65	2.91	4.67	8.27	32.50
Summer	3,588,000	122	7.89	1.75	0.25	0.00	0.09	0.13	0.39	0.64	1.76	4.29	6.12	13.00	15.70
Winter	2,839,000	192	5.83	1.27	0.11	0.04	0.10	0.23	0.46	0.83	1.55	2.61	4.66	8.16	11.30
Urbanization															
Central City	2,552,000	99	4.53	1.34	0.20	0.04	0.10	0.26	0.45	0.86	1.60	2.37	2.88	13.00	13.00
Non-metropolitan	3,891,000	269	8.64	1.78	0.17	0.06	0.10	0.17	0.42	0.94	1.94	4.07	5.98	15.70	32.50
Suburban	5,267,000	309	6.08	1.36	0.09	0.09	0.21	0.29	0.47	0.77	1.65	3.16	4.67	7.29	12.90
Race															
Black	250,000	12	1.15	*	*	*	*	*	*	*	*	*	*	*	*
White	11,411,000	663	7.24	1.51	0.08	0.06	0.16	0.26	0.45	0.86	1.72	3.31	4.78	12.00	32.50
Region															
Midwest	4,429,000	293	9.55	1.60	0.14	0.04	0.13	0.22	0.42	0.88	1.88	3.58	4.78	12.00	32.50
Northeast	1,219,000	69	2.96	0.76	0.12	0.08	0.09	0.17	0.30	0.47	0.78	1.39	2.86	5.21	7.13
South	2,532,000	141	3.94	1.51	0.18	0.08	0.23	0.30	0.51	0.92	1.63	2.63	5.98	15.70	15.70
West	3,530,000	174	9.79	1.60	0.14	0.10	0.24	0.32	0.57	0.96	1.97	3.72	5.00	13.00	13.00
Response to Questionnaire															
Households who garden	10,197,000	596	14.96	1.55	0.09	0.04	0.16	0.26	0.45	0.88	1.73	3.41	5.00	12.90	32.50
Households who farm	1,917,000	112	26.16	2.32	0.25	0.07	0.28	0.37	0.68	1.30	3.14	5.00	6.12	15.70	15.70
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-59. Consumer-Only Intake of Home-Produced Protected Fruits (g/kg-day)

Population Group	Nc Wgtd	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	3,855,000	173	2.05	5.74	0.63	0.15	0.27	0.34	0.93	2.34	7.45	16.00	19.70	47.30	53.60
Age															
1 to 2	79,000	5	1.39	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	80,000	4	0.99	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	181,000	9	1.08	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	377,000	20	1.84	2.96	0.99	0.12	0.16	0.28	0.39	1.23	2.84	7.44	11.40	19.10	19.10
20 to 39	755,000	29	1.23	4.51	1.08	0.18	0.36	0.49	1.22	1.88	4.47	14.60	16.10	24.10	24.10
40 to 69	1,702,000	77	3.00	5.65	0.87	0.11	0.24	0.29	0.67	2.22	9.36	15.50	21.20	41.30	41.30
≥ 70	601,000	26	3.78	4.44	0.69	0.26	0.26	0.29	1.95	3.29	7.06	8.97	9.97	15.20	15.20
Season															
Fall	394,000	12	0.83	*	*	*	*	*	*	*	*	*	*	*	*
Spring	497,000	36	1.08	2.08	0.35	0.16	0.18	0.26	0.38	1.22	4.08	5.10	6.57	6.79	6.79
Summer	1,425,000	47	3.13	7.39	1.45	0.11	0.27	0.39	1.25	3.06	10.30	16.60	24.10	53.60	53.60
Winter	1,539,000	78	3.16	6.24	0.91	0.15	0.30	0.38	1.39	2.65	8.23	17.80	21.20	47.30	47.30
Urbanization															
Central City	1,312,000	50	2.33	3.94	0.58	0.15	0.26	0.33	0.83	3.01	5.01	9.23	9.97	18.80	18.80
Non-metropolitan	506,000	19	1.12	*	*	*	*	*	*	*	*	*	*	*	*
Suburban	2,037,000	104	2.35	6.83	0.94	0.11	0.25	0.29	0.59	2.01	10.30	17.90	23.80	53.60	53.60
Race															
Black	200,000	8	0.92	*	*	*	*	*	*	*	*	*	*	*	*
White	3,655,000	165	2.32	5.91	0.65	0.12	0.26	0.33	1.06	2.44	7.46	16.00	21.20	47.30	53.60
Region															
Midwest	657,000	24	1.42	10.70	2.60	0.25	0.26	0.29	1.18	7.44	14.60	24.10	41.30	53.60	53.60
Northeast	105,000	5	0.26	*	*	*	*	*	*	*	*	*	*	*	*
South	1,805,000	74	2.81	4.77	0.65	0.16	0.36	0.45	1.23	2.54	5.10	15.20	16.60	23.80	24.00
West	1,288,000	70	3.57	4.85	0.93	0.11	0.18	0.27	0.49	1.84	5.34	12.30	18.80	47.30	47.30
Response to Questionnaire															
Households who garden	3,360,000	146	4.93	5.90	0.70	0.12	0.27	0.34	1.16	2.42	7.46	16.00	19.10	47.30	53.60
Households who farm	357,000	14	4.87	*	*	*	*	*	*	*	*	*	*	*	*
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-60. Consumer-Only Intake of Home-Produced Exposed Vegetables (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	28,762,000	1,511	15.30	1.52	0.05	0.00	0.09	0.17	0.40	0.86	1.83	3.55	5.12	10.30	20.60
Age															
1 to 2	815,000	43	14.30	3.48	0.51	0.02	0.24	0.83	1.20	1.89	4.23	10.70	11.90	12.10	12.10
3 to 5	1,069,000	62	13.19	1.74	0.22	0.00	0.01	0.05	0.58	1.16	2.53	3.47	6.29	7.36	8.86
6 to 11	2,454,000	134	14.68	1.39	0.18	0.00	0.04	0.09	0.31	0.64	1.60	3.22	5.47	13.30	13.30
12 to 19	2,611,000	143	12.74	1.07	0.09	0.00	0.03	0.14	0.30	0.66	1.46	2.35	3.78	5.67	5.67
20 to 39	6,969,000	348	11.31	1.05	0.08	0.01	0.07	0.12	0.26	0.56	1.26	2.33	3.32	7.57	20.60
40 to 69	10,993,000	579	19.38	1.60	0.08	0.00	0.14	0.24	0.48	0.98	1.92	3.59	5.22	8.99	19.00
≥ 70	3,517,000	185	22.15	1.68	0.12	0.01	0.15	0.24	0.52	1.13	2.38	4.08	4.96	6.96	10.20
Season															
Fall	8,865,000	314	18.60	1.31	0.10	0.05	0.11	0.18	0.33	0.65	1.56	3.13	4.45	8.92	12.20
Spring	4,863,000	487	10.54	1.14	0.06	0.00	0.05	0.15	0.34	0.66	1.39	2.76	4.02	7.51	10.70
Summer	10,151,000	348	22.32	2.03	0.13	0.00	0.11	0.20	0.61	1.30	2.52	4.32	6.35	12.70	19.00
Winter	4,883,000	362	10.02	1.21	0.10	0.00	0.02	0.14	0.37	0.67	1.42	2.76	3.69	8.86	20.60
Urbanization															
Central City	4,859,000	173	8.62	1.11	0.10	0.01	0.06	0.08	0.28	0.70	1.43	2.49	3.29	8.34	12.10
Non-metropolitan	11,577,000	711	25.71	1.87	0.09	0.02	0.17	0.25	0.50	1.16	2.20	4.12	6.10	12.20	19.00
Suburban	12,266,000	625	14.17	1.35	0.07	0.00	0.10	0.16	0.36	0.74	1.58	3.22	5.22	8.61	20.60
Race															
Black	1,713,000	100	7.88	1.23	0.13	0.00	0.08	0.14	0.35	0.89	1.51	3.32	3.92	5.55	7.19
White	26,551,000	1,386	16.85	1.53	0.05	0.00	0.10	0.18	0.40	0.86	1.82	3.48	5.12	10.30	20.60
Region															
Midwest	10,402,000	570	22.42	1.48	0.09	0.01	0.07	0.16	0.39	0.81	1.69	3.55	4.67	11.90	20.60
Northeast	4,050,000	191	9.84	1.65	0.18	0.00	0.08	0.14	0.26	0.67	1.75	5.58	6.80	12.70	14.90
South	9,238,000	503	14.36	1.55	0.08	0.05	0.16	0.26	0.52	1.00	1.92	3.19	4.52	9.92	13.30
West	5,012,000	245	13.90	1.43	0.10	0.00	0.03	0.15	0.39	0.76	2.13	3.45	4.84	7.51	8.34
Response to Questionnaire															
Households who garden	25,737,000	1,361	37.76	1.57	0.06	0.00	0.09	0.17	0.41	0.89	1.97	3.63	5.45	10.30	20.60
Households who farm	3,596,000	207	49.07	2.17	0.16	0.00	0.18	0.37	0.65	1.38	2.81	6.01	6.83	10.30	13.30
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-61. Consumer-Only Intake of Home-Produced Protected Vegetables (g/kg-day)

Population Group	Nc Wgtd	Nc unwgt	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	11,428,000	656	6.08	1.01	0.05	0.10	0.15	0.19	0.32	0.63	1.20	2.24	3.05	6.49	9.42
Age															
1 to 2	348,000	21	6.11	2.46	0.49	0.32	0.32	0.54	1.36	1.94	2.96	3.88	9.42	9.42	9.42
3 to 5	440,000	32	5.43	1.30	0.21	0.23	0.23	0.32	0.48	1.04	1.48	2.51	5.10	5.31	5.31
6 to 11	1,052,000	63	6.30	1.10	0.13	0.19	0.21	0.32	0.39	0.79	1.31	2.14	3.12	5.40	5.40
12 to 19	910,000	51	4.44	0.78	0.09	0.06	0.16	0.24	0.35	0.58	0.82	1.85	2.20	2.69	2.69
20 to 39	3,227,000	164	5.24	0.76	0.06	0.11	0.15	0.17	0.24	0.51	0.97	1.73	2.51	3.63	4.76
40 to 69	3,818,000	226	6.73	0.93	0.07	0.07	0.14	0.17	0.32	0.60	1.11	1.87	3.04	6.84	7.44
≥ 70	1,442,000	89	9.08	1.05	0.16	0.12	0.21	0.24	0.36	0.57	1.21	1.86	3.05	9.23	9.23
Season															
Fall	3,907,000	143	8.20	0.85	0.07	0.12	0.16	0.20	0.32	0.57	1.10	1.73	2.51	4.78	5.31
Spring	2,086,000	236	4.52	0.70	0.04	0.06	0.14	0.17	0.27	0.49	0.91	1.44	1.86	3.74	5.73
Summer	3,559,000	118	7.82	1.40	0.16	0.10	0.18	0.23	0.38	0.78	1.69	3.05	5.40	9.23	9.42
Winter	1,876,000	159	3.85	0.93	0.08	0.12	0.14	0.18	0.31	0.60	1.20	2.32	3.06	4.76	6.39
Urbanization															
Central City	1,342,000	49	2.38	1.00	0.15	0.12	0.15	0.17	0.32	0.72	1.18	2.36	2.83	4.78	4.78
Non-metropolitan	5,934,000	391	13.18	1.07	0.06	0.11	0.17	0.21	0.35	0.65	1.30	2.51	3.55	6.84	9.42
Suburban	4,152,000	216	4.80	0.93	0.08	0.07	0.15	0.19	0.29	0.56	1.15	1.85	2.67	6.49	9.23
Race															
Black	479,000	27	2.20	1.50	0.23	0.16	0.26	0.33	0.87	0.94	2.20	3.05	3.23	4.95	4.95
White	10,836,000	625	6.88	0.99	0.05	0.10	0.15	0.19	0.32	0.61	1.20	2.17	3.04	6.49	9.42
Region															
Midwest	4,359,000	273	9.40	1.01	0.07	0.11	0.17	0.23	0.33	0.57	1.08	2.45	3.68	6.84	7.44
Northeast	807,000	48	1.96	0.70	0.09	0.06	0.15	0.17	0.27	0.51	0.99	1.71	2.33	2.77	2.77
South	4,449,000	253	6.92	1.08	0.07	0.13	0.17	0.21	0.38	0.71	1.38	2.32	3.05	5.40	9.42
West	1,813,000	82	5.03	0.96	0.16	0.07	0.12	0.15	0.21	0.48	1.01	1.86	3.12	9.23	9.23
Response to Questionnaire															
Households who garden	10,286,000	602	15.09	1.01	0.05	0.10	0.15	0.19	0.34	0.64	1.21	2.32	3.05	6.49	9.23
Households who farm	2,325,000	142	31.72	1.30	0.15	0.09	0.17	0.21	0.34	0.60	1.40	3.55	5.40	9.23	9.23
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgt = Weighted number of consumers.															
Nc unwgt = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987-1988 NFCS.															

Table 13-62. Consumer-Only Intake of Home-Produced Root Vegetables (g/kg-day)

Population Group	Nc Wgtd	Nc unwgt	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	13,750,000	743	7.31	1.16	0.06	0.00	0.04	0.11	0.25	0.67	1.47	2.81	3.71	9.52	12.80
Age															
1 to 2	371,000	22	6.51	2.52	0.61	0.17	0.17	0.22	0.36	0.92	3.67	7.25	10.40	10.40	10.40
3 to 5	390,000	23	4.81	1.28	0.32	0.00	0.00	0.12	0.23	0.46	1.68	4.26	4.73	4.73	4.73
6 to 11	1,106,000	67	6.62	1.32	0.21	0.00	0.01	0.04	0.23	0.52	1.63	3.83	5.59	7.47	7.47
12 to 19	1,465,000	76	7.15	0.94	0.12	0.01	0.01	0.07	0.27	0.57	1.37	2.26	3.32	5.13	5.13
20 to 39	3,252,000	164	5.28	0.87	0.07	0.01	0.05	0.10	0.20	0.56	1.24	2.11	3.08	4.64	6.03
40 to 69	4,903,000	276	8.64	1.13	0.10	0.00	0.03	0.12	0.25	0.68	1.27	2.74	3.56	9.52	12.80
≥ 70	2,096,000	107	13.20	1.22	0.10	0.02	0.03	0.17	0.38	0.85	1.71	2.86	3.21	4.01	4.77
Season															
Fall	4,026,000	153	8.45	1.42	0.15	0.05	0.14	0.17	0.31	0.92	1.67	3.26	3.85	12.30	12.80
Spring	2,552,000	260	5.53	0.69	0.06	0.00	0.02	0.03	0.14	0.37	0.77	1.69	2.80	4.24	7.69
Summer	5,011,000	169	11.02	1.19	0.12	0.00	0.05	0.13	0.28	0.73	1.51	2.74	3.64	10.40	11.90
Winter	2,161,000	161	4.44	1.17	0.12	0.00	0.01	0.04	0.24	0.56	1.56	3.08	4.14	6.21	11.30
Urbanization															
Central City	2,385,000	96	4.23	0.75	0.08	0.03	0.04	0.14	0.22	0.43	0.92	1.91	2.70	3.56	3.93
Non-metropolitan	6,094,000	366	13.54	1.43	0.10	0.01	0.07	0.13	0.28	0.76	1.85	3.32	4.24	11.30	12.80
Suburban	5,211,000	279	6.02	1.06	0.09	0.00	0.01	0.07	0.23	0.73	1.19	2.34	3.26	6.29	11.90
Race															
Black	521,000	31	2.40	0.88	0.39	0.00	0.01	0.04	0.09	0.54	0.77	1.06	1.25	12.30	12.30
White	12,861,000	697	8.16	1.18	0.06	0.01	0.05	0.13	0.26	0.68	1.50	2.82	3.72	9.52	12.80
Region															
Midwest	5,572,000	314	12.01	1.31	0.10	0.03	0.07	0.17	0.27	0.74	1.67	3.23	4.26	10.40	11.90
Northeast	1,721,000	92	4.18	0.84	0.10	0.00	0.01	0.01	0.14	0.48	1.18	2.05	2.77	4.78	6.03
South	3,842,000	205	5.97	1.38	0.14	0.01	0.05	0.13	0.28	0.69	1.70	3.32	3.83	12.30	12.80
West	2,555,000	130	7.08	0.77	0.06	0.00	0.02	0.11	0.24	0.57	0.98	1.69	2.45	3.72	3.72
Response to Questionnaire															
Households who garden	12,578,000	682	18.46	1.15	0.06	0.00	0.04	0.12	0.26	0.67	1.50	2.81	3.64	7.47	12.80
Households who farm	2,367,000	136	32.30	1.39	0.13	0.11	0.16	0.18	0.37	0.88	1.85	3.11	4.58	7.47	7.69
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgt = Weighted number of consumers.															
Nc unwt = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-63. Consumer-Only Intake of Home-Produced Dark Green Vegetables (g/kg-day)

Population Group	Nc Wgtd	Nc unwgted	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	8,855,000	428	4.71	0.39	0.03	0.00	0.00	0.01	0.09	0.21	0.44	0.92	1.25	3.53	5.82
Age															
1 to 2	180,000	8	3.16	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	226,000	12	2.79	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	826,000	39	4.94	0.31	0.05	0.00	0.01	0.02	0.09	0.18	0.39	0.95	1.04	1.28	1.28
12 to 19	628,000	32	3.07	0.42	0.15	0.00	0.01	0.01	0.06	0.20	0.37	0.92	1.64	4.86	4.86
20 to 39	1,976,000	87	3.21	0.34	0.06	0.00	0.00	0.01	0.09	0.18	0.38	0.67	0.92	2.94	4.29
40 to 69	3,710,000	184	6.54	0.40	0.04	0.00	0.00	0.03	0.08	0.23	0.48	0.98	1.25	3.29	5.82
≥ 70	1,253,000	63	7.89	0.41	0.07	0.00	0.00	0.01	0.11	0.23	0.47	0.93	1.08	3.45	3.45
Season															
Fall	2,683,000	88	5.63	0.44	0.07	0.01	0.04	0.09	0.15	0.24	0.46	0.79	1.08	3.86	4.29
Spring	1,251,000	127	2.71	0.56	0.08	0.00	0.00	0.01	0.10	0.31	0.54	1.28	2.81	4.86	5.82
Summer	3,580,000	124	7.87	0.34	0.04	0.00	0.00	0.01	0.06	0.15	0.41	0.98	1.15	2.48	2.48
Winter	1,341,000	89	2.75	0.27	0.04	0.00	0.00	0.01	0.02	0.15	0.37	0.66	1.17	2.04	2.18
Urbanization															
Central City	1,298,000	48	2.30	0.27	0.04	0.00	0.00	0.01	0.11	0.21	0.32	0.63	0.92	1.07	1.07
Non-metropolitan	3,218,000	167	7.15	0.33	0.04	0.00	0.00	0.02	0.07	0.17	0.45	0.75	1.00	2.48	5.82
Suburban	4,279,000	211	4.94	0.48	0.05	0.00	0.01	0.02	0.09	0.23	0.46	1.15	2.18	3.86	4.86
Race															
Black	724,000	49	3.33	1.04	0.18	0.00	0.10	0.11	0.22	0.55	1.17	3.29	3.86	4.86	4.86
White	7,963,000	373	5.05	0.32	0.02	0.00	0.00	0.01	0.08	0.20	0.38	0.78	1.07	2.37	5.82
Region															
Midwest	2,668,000	121	5.75	0.28	0.04	0.00	0.00	0.01	0.06	0.21	0.36	0.50	0.98	2.48	3.02
Northeast	1,554,000	76	3.77	0.51	0.09	0.00	0.00	0.00	0.06	0.20	0.49	1.25	1.93	3.53	5.82
South	2,945,000	148	4.58	0.48	0.05	0.04	0.07	0.09	0.15	0.29	0.64	0.92	1.28	3.86	4.29
West	1,628,000	81	4.51	0.32	0.07	0.00	0.00	0.01	0.04	0.11	0.31	0.66	0.93	4.86	4.86
Response to Questionnaire															
Households who garden	8,521,000	412	12.50	0.40	0.03	0.00	0.00	0.01	0.09	0.21	0.45	0.92	1.25	3.53	5.82
Households who farm	1,450,000	66	19.78	0.38	0.06	0.00	0.00	0.01	0.07	0.23	0.48	0.95	1.25	2.48	3.02
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgted = Weighted number of consumers.															
Nc unwgted = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-64. Consumer-Only Intake of Home-Produced Deep Yellow Vegetables (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	5,467,000	245	2.91	0.64	0.04	0.04	0.07	0.13	0.22	0.42	0.77	1.44	2.03	2.67	6.63
Age															
1 to 2	124,000	8	2.18	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	61,000	4	0.75	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	382,000	17	2.29	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	493,000	21	2.41	0.47	0.09	0.06	0.06	0.06	0.09	0.36	0.78	1.13	1.44	1.58	1.58
20 to 39	1,475,000	63	2.39	0.53	0.08	0.05	0.06	0.12	0.17	0.31	0.51	1.22	2.03	2.67	2.67
40 to 69	2,074,000	96	3.66	0.54	0.05	0.04	0.09	0.14	0.22	0.40	0.65	1.09	1.33	3.02	3.02
≥ 70	761,000	32	4.79	0.78	0.09	0.08	0.20	0.28	0.37	0.57	1.24	1.61	1.99	1.99	1.99
Season															
Fall	2,664,000	97	5.59	0.74	0.08	0.09	0.12	0.14	0.26	0.45	0.97	1.73	2.23	3.02	6.63
Spring	315,000	34	0.68	0.56	0.08	0.14	0.15	0.20	0.25	0.45	0.64	1.01	1.42	2.41	2.41
Summer	1,619,000	52	3.56	0.51	0.06	0.04	0.05	0.06	0.23	0.41	0.64	0.96	1.67	2.31	2.31
Winter	869,000	62	1.78	0.63	0.09	0.04	0.04	0.06	0.17	0.35	0.80	1.54	2.23	4.37	4.37
Urbanization															
Central City	1,308,000	43	2.32	0.51	0.07	0.04	0.06	0.14	0.21	0.39	0.59	0.96	1.41	2.24	2.24
Non-metropolitan	2,100,000	118	4.66	0.67	0.08	0.04	0.06	0.09	0.22	0.37	0.87	1.39	2.12	4.37	6.63
Suburban	2,059,000	84	2.38	0.71	0.07	0.06	0.09	0.13	0.26	0.43	0.97	1.67	2.03	2.67	2.67
Race															
Black	129,000	8	0.59	*	*	*	*	*	*	*	*	*	*	*	*
White	5,093,000	229	3.23	0.65	0.04	0.05	0.09	0.14	0.24	0.43	0.80	1.50	2.03	2.67	4.37
Region															
Midwest	2,792,000	128	6.02	0.75	0.06	0.04	0.13	0.19	0.28	0.51	0.96	1.73	2.23	3.02	4.37
Northeast	735,000	29	1.79	0.40	0.08	0.04	0.06	0.06	0.09	0.15	0.64	1.09	1.37	2.21	2.21
South	557,000	30	0.87	0.54	0.21	0.05	0.05	0.08	0.22	0.31	0.44	0.77	1.22	6.63	6.63
West	1,383,000	58	3.83	0.60	0.07	0.06	0.13	0.14	0.22	0.41	0.64	1.44	1.89	2.31	2.31
Response to Questionnaire															
Households who garden	5,177,000	233	7.60	0.62	0.04	0.04	0.09	0.13	0.23	0.42	0.75	1.42	1.99	2.67	4.37
Households who farm	1,088,000	51	14.85	0.61	0.09	0.09	0.09	0.12	0.19	0.34	0.94	1.28	1.73	3.02	3.02
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-65. Consumer-Only Intake of Home-Produced Other Vegetables (g/kg-day)

Population Group	Nc Wgt'd	Nc unwgt'd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	25,221,000	1,437	13.41	1.38	0.05	0.01	0.11	0.18	0.36	0.78	1.65	3.09	4.52	9.95	18.40
Age															
1 to 2	613,000	38	10.76	3.80	0.63	0.19	0.27	0.40	1.04	2.61	4.55	7.74	11.20	18.00	18.00
3 to 5	887,000	59	10.95	2.15	0.27	0.00	0.23	0.37	0.72	1.37	3.16	4.47	5.96	8.41	14.00
6 to 11	2,149,000	134	12.86	1.30	0.14	0.00	0.12	0.19	0.35	0.80	1.61	3.04	4.57	9.95	9.95
12 to 19	2,379,000	141	11.61	0.98	0.09	0.00	0.06	0.12	0.32	0.64	1.33	2.05	3.17	5.41	5.41
20 to 39	6,020,000	328	9.77	0.93	0.06	0.03	0.09	0.15	0.24	0.56	1.12	2.19	3.04	5.10	7.00
40 to 69	9,649,000	547	17.01	1.40	0.09	0.01	0.11	0.19	0.40	0.84	1.58	2.92	4.65	14.10	18.40
≥ 70	3,226,000	174	20.31	1.58	0.14	0.02	0.15	0.24	0.46	0.95	1.91	3.46	5.79	9.96	11.40
Season															
Fall	6,934,000	253	14.55	1.19	0.09	0.05	0.15	0.19	0.33	0.72	1.44	2.74	4.00	6.74	9.96
Spring	5,407,000	567	11.71	1.16	0.06	0.00	0.04	0.10	0.31	0.71	1.39	2.67	4.21	7.35	14.00
Summer	8,454,000	283	18.59	1.79	0.15	0.00	0.12	0.18	0.39	0.97	1.97	4.13	6.14	14.60	18.40
Winter	4,426,000	334	9.09	1.19	0.07	0.00	0.14	0.23	0.41	0.73	1.49	2.41	3.37	7.00	11.00
Urbanization															
Central City	4,148,000	161	7.36	0.97	0.09	0.04	0.09	0.16	0.32	0.61	1.23	1.97	3.22	7.00	8.85
Non-metropolitan	10,721,000	710	23.81	1.78	0.09	0.03	0.16	0.23	0.47	1.01	2.01	4.05	5.74	14.10	18.40
Suburban	10,292,000	564	11.89	1.14	0.06	0.00	0.09	0.15	0.31	0.65	1.44	2.69	3.77	6.81	11.40
Race															
Black	1,347,000	84	6.19	1.30	0.17	0.04	0.17	0.21	0.35	0.71	1.49	3.88	5.47	6.21	7.72
White	23,367,000	1,327	14.83	1.39	0.05	0.01	0.11	0.18	0.38	0.79	1.65	3.04	4.49	9.96	18.40
Region															
Midwest	8,296,000	522	17.88	1.43	0.09	0.03	0.12	0.19	0.37	0.73	1.65	3.05	4.65	11.20	18.40
Northeast	2,914,000	162	7.08	1.33	0.17	0.00	0.06	0.11	0.24	0.60	1.64	3.07	5.41	12.00	14.10
South	9,218,000	518	14.33	1.53	0.08	0.01	0.17	0.25	0.49	1.03	1.76	3.37	4.70	8.33	18.00
West	4,733,000	233	13.12	1.08	0.10	0.01	0.07	0.12	0.26	0.57	1.21	2.41	3.73	8.02	11.40
Response to Questionnaire															
Households who garden	22,417,000	1,291	32.89	1.44	0.05	0.01	0.11	0.18	0.38	0.82	1.70	3.22	4.65	9.95	18.40
Households who farm	3,965,000	239	54.10	1.95	0.16	0.01	0.14	0.23	0.52	1.21	2.04	5.32	7.02	14.60	15.90
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgt'd = Weighted number of consumers.															
Nc unwgt'd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987-1988 NFCS.															

Table 13-66. Consumer-Only Intake of Home-Produced Citrus (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	2,530,000	125	1.35	4.76	0.61	0.08	0.16	0.29	0.76	1.99	5.10	14.10	19.70	32.20	47.90
Age															
1 to 2	54,000	4	0.95	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	51,000	3	0.63	*	*	*	*	*	*	*	*	*	*	*	*
6 to 11	181,000	9	1.08	*	*	*	*	*	*	*	*	*	*	*	*
12 to 19	194,000	14	0.95	*	*	*	*	*	*	*	*	*	*	*	*
20 to 39	402,000	18	0.65	*	*	*	*	*	*	*	*	*	*	*	*
40 to 69	1,183,000	55	2.09	4.54	0.81	0.08	0.15	0.25	0.52	1.74	5.24	15.20	19.70	23.80	23.80
≥ 70	457,000	21	2.88	4.43	0.76	0.08	0.08	0.49	1.95	3.53	6.94	8.97	8.97	15.70	15.70
Season															
Fall	280,000	8	0.59	*	*	*	*	*	*	*	*	*	*	*	*
Spring	437,000	33	0.95	2.31	0.38	0.16	0.18	0.24	0.37	1.36	4.15	5.10	6.50	7.52	7.52
Summer	334,000	11	0.73	*	*	*	*	*	*	*	*	*	*	*	*
Winter	1,479,000	73	3.04	6.47	0.95	0.15	0.33	0.49	1.64	2.93	8.59	19.10	23.80	47.90	47.90
Urbanization															
Central City	1,053,000	43	1.87	3.57	0.52	0.15	0.33	0.45	1.13	3.01	4.97	7.46	8.97	20.00	20.00
Non-metropolitan	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Suburban	1,477,000	82	1.71	5.61	0.91	0.08	0.11	0.25	0.52	1.81	8.12	17.90	23.80	47.90	47.90
Race															
Black	200,000	8	0.92	*	*	*	*	*	*	*	*	*	*	*	*
White	2,330,000	117	1.48	4.93	0.63	0.08	0.15	0.28	0.78	2.34	5.34	14.10	19.70	32.20	47.90
Region															
Midwest	64,000	4	0.14	*	*	*	*	*	*	*	*	*	*	*	*
Northeast	0	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
South	1,240,000	55	1.93	5.18	0.74	0.16	0.38	0.64	1.60	3.42	6.50	14.10	19.70	23.80	23.80
West	1,226,000	66	3.40	4.56	0.98	0.08	0.11	0.24	0.37	1.42	4.53	12.40	20.00	47.90	47.90
Response to Questionnaire															
Households who garden	2,151,000	102	3.16	4.55	0.66	0.08	0.15	0.28	0.76	1.99	4.99	12.40	17.90	32.20	47.90
Households who farm	130,000	5	1.77	*	*	*	*	*	*	*	*	*	*	*	*
<p>* Intake data not provided for subpopulations for which there were less than 20 observations. - Indicates data are not available.</p> <p>SE = Standard error. p = Percentile of the distribution. Nc wgtd = Weighted number of consumers. Nc unwgtd = Unweighted number of consumers in survey.</p> <p>Source: Based on EPA's analyses of the 1987–1988 NFCS.</p>															

Table 13-67. Consumer-Only Intake of Home-Produced Other Fruit (g/kg-day)

Population Group	Nc wgtd	Nc unwgtd	% Consuming	Mean	SE	p1	p5	p10	p25	p50	p75	p90	p95	p99	MAX
Total	12,615,000	706	6.71	2.20	0.19	0.05	0.15	0.26	0.46	0.91	1.91	4.59	8.12	18.40	62.60
Age															
1 to 2	306,000	19	5.37	*	*	*	*	*	*	*	*	*	*	*	*
3 to 5	499,000	31	6.16	2.66	0.76	0.00	0.00	0.38	1.02	1.87	2.71	5.54	6.30	33.20	33.20
6 to 11	915,000	68	5.48	2.60	0.44	0.00	0.18	0.39	0.64	1.14	2.99	7.13	12.10	16.20	16.50
12 to 19	1,021,000	54	4.98	1.62	0.28	0.08	0.12	0.26	0.39	0.61	2.36	3.92	6.81	8.12	8.12
20 to 39	2,761,000	146	4.48	1.85	0.37	0.08	0.13	0.18	0.31	0.62	1.39	3.70	6.64	37.00	37.00
40 to 69	4,610,000	259	8.13	2.09	0.31	0.07	0.15	0.25	0.44	0.77	1.77	3.17	9.77	18.40	53.30
≥ 70	2,326,000	119	14.65	1.66	0.18	0.04	0.21	0.36	0.57	1.07	1.65	4.06	5.21	11.70	11.70
Season															
Fall	2,923,000	102	6.13	1.39	0.11	0.26	0.30	0.38	0.57	1.07	1.88	2.89	4.06	5.39	5.54
Spring	2,526,000	268	5.47	1.47	0.15	0.09	0.20	0.25	0.43	0.83	1.65	2.89	4.59	8.26	33.20
Summer	4,327,000	144	9.51												
Winter	2,839,000	192	5.83	1.29	0.11	0.04	0.10	0.23	0.45	0.83	1.55	2.70	4.79	8.06	11.30
Urbanization															
Central City	2,681,000	102	4.76	1.79	0.29	0.04	0.17	0.29	0.52	0.89	1.60	2.61	10.40	15.40	15.40
Non-metropolitan	4,118,000	278	9.15	2.43	0.31	0.07	0.12	0.24	0.45	1.13	2.43	4.60	8.12	24.00	53.30
Suburban	5,756,000	324	6.65	2.25	0.31	0.13	0.20	0.28	0.45	0.76	1.81	4.72	7.61	18.40	62.60
Race															
Black	250,000	12	1.15	*	*	*	*	*	*	*	*	*	*	*	*
White	12,256,000	690	7.78	2.24	0.19	0.07	0.15	0.26	0.47	0.92	1.94	4.65	8.26	18.40	62.60
Region															
Midwest	4,619,000	298	9.96	3.07	0.43	0.04	0.13	0.24	0.45	1.04	2.35	6.73	14.20	53.30	62.60
Northeast	1,279,000	72	3.11	0.93	0.22	0.08	0.09	0.16	0.31	0.48	0.81	1.29	2.16	11.70	11.70
South	3,004,000	157	4.67	1.99	0.26	0.08	0.24	0.30	0.55	1.10	1.82	4.06	6.30	16.20	24.00
West	3,653,000	177	10.13	1.76	0.16	0.10	0.22	0.29	0.54	0.97	2.04	4.35	5.75	13.00	13.00
Response to Questionnaire															
Households who garden	10,926,000	619	16.03	2.38	0.21	0.04	0.16	0.26	0.47	0.99	1.96	4.94	10.40	18.40	62.60
Households who farm	1,917,000	112	26.16	2.57	0.27	0.07	0.28	0.36	0.73	1.55	3.62	5.80	8.06	16.20	16.20
* Intake data not provided for subpopulations for which there were less than 20 observations.															
SE = Standard error.															
p = Percentile of the distribution.															
Nc wgtd = Weighted number of consumers.															
Nc unwgtd = Unweighted number of consumers in survey.															
Source: Based on EPA's analyses of the 1987–1988 NFCS.															

Table 13-68. Fraction of Food Intake That Is Home-Produced

	Total Fruits	Total Vegetables	Total Meats	Total Dairy	Total Fish	Exposed Vegetables	Protected Vegetables	Root Vegetables	Exposed Fruits	Protected Fruits
Total	0.040	0.068	0.024	0.012	0.094	0.095	0.069	0.043	0.050	0.037
Season										
Fall	0.021	0.081	0.020	0.008	0.076	0.106	0.073	0.060	0.039	0.008
Spring	0.021	0.037	0.020	0.011	0.160	0.050	0.039	0.020	0.047	0.008
Summer	0.058	0.116	0.034	0.022	0.079	0.164	0.101	0.066	0.068	0.054
Winter	0.059	0.041	0.022	0.008	0.063	0.052	0.048	0.026	0.044	0.068
Urbanization										
Central City	0.027	0.027	0.003	0.000	0.053	0.037	0.027	0.016	0.030	0.026
Non-metropolitan	0.052	0.144	0.064	0.043	0.219	0.207	0.134	0.088	0.100	0.025
Suburban	0.047	0.058	0.018	0.004	0.075	0.079	0.054	0.035	0.043	0.050
Race										
Black	0.007	0.027	0.001	0.000	0.063	0.037	0.029	0.012	0.008	0.007
White	0.049	0.081	0.031	0.014	0.110	0.109	0.081	0.050	0.059	0.045
Region										
Northeast	0.005	0.038	0.009	0.010	0.008	0.062	0.016	0.018	0.010	0.002
Midwest	0.059	0.112	0.046	0.024	0.133	0.148	0.109	0.077	0.078	0.048
South	0.042	0.069	0.017	0.006	0.126	0.091	0.077	0.042	0.040	0.044
West	0.062	0.057	0.023	0.007	0.108	0.079	0.060	0.029	0.075	0.054
Response to Questionnaire										
Households who garden	0.101	0.173	-	-	-	0.233	0.178	0.106	0.116	0.094
Households who raise animals	-	-	0.306	0.207	-	-	-	-	-	-
Households who farm	0.161	0.308	0.319	0.254	-	0.420	0.394	0.173	0.328	0.030
Households who fish	-	-	-	-	0.325	-	-	-	-	-

Table 13-68. Fraction of Food Intake That Is Home-Produced (continued)

	Dark Green Vegetables	Deep Yellow Vegetables	Other Vegetables	Citrus Fruits	Other Fruits	Apples	Peaches	Pears	Strawberries	Other Berries
Total	0.044	0.065	0.069	0.038	0.042	0.030	0.147	0.067	0.111	0.217
Season										
Fall	0.059	0.099	0.069	0.114	0.027	0.032	0.090	0.038	0.408	0.163
Spring	0.037	0.017	0.051	0.014	0.025	0.013	0.206	0.075	0.064	0.155
Summer	0.063	0.080	0.114	0.010	0.070	0.053	0.133	0.066	0.088	0.232
Winter	0.018	0.041	0.044	0.091	0.030	0.024	0.183	0.111	0.217	0.308
Urbanization										
Central City	0.012	0.038	0.026	0.035	0.022	0.017	0.087	0.038	0.107	0.228
Non-metropolitan	0.090	0.122	0.154	0.000	0.077	0.066	0.272	0.155	0.133	0.282
Suburban	0.054	0.058	0.053	0.056	0.042	0.024	0.121	0.068	0.101	0.175
Race										
Black	0.053	0.056	0.026	0.012	0.004	0.007	0.018	0.004	0.000	0.470
White	0.043	0.071	0.082	0.045	0.051	0.035	0.164	0.089	0.125	0.214
Region										
Northeast	0.039	0.019	0.034	0.000	0.008	0.004	0.027	0.002	0.085	0.205
Midwest	0.054	0.174	0.102	0.001	0.083	0.052	0.164	0.112	0.209	0.231
South	0.049	0.022	0.077	0.060	0.031	0.024	0.143	0.080	0.072	0.177
West	0.034	0.063	0.055	0.103	0.046	0.043	0.238	0.093	0.044	0.233
Response to Questionnaire										
Households who garden	0.120	0.140	0.180	0.087	0.107	0.070	0.316	0.169	0.232	0.306
Households who farm	0.220	0.328	0.368	0.005	0.227	0.292	0.461	0.606	0.057	0.548

Table 13-68. Fraction of Food Intake That Is Home-Produced (continued)

	Asparagus	Beets	Broccoli	Cabbage	Carrots	Corn	Cucumbers	Lettuce	Lima Beans	Okra	Onions
Total	0.063	0.203	0.015	0.038	0.043	0.078	0.148	0.010	0.121	0.270	0.056
Season											
Fall	0.024	0.199	0.013	0.054	0.066	0.076	0.055	0.013	0.070	0.299	0.066
Spring	0.103	0.191	0.011	0.011	0.015	0.048	0.040	0.010	0.082	0.211	0.033
Summer	0	0.209	0.034	0.080	0.063	0.118	0.320	0.017	0.176	0.304	0.091
Winter	0.019	0.215	0.006	0.008	0.025	0.043	0	0.002	0.129	0.123	0.029
Urbanization											
Central City	0.058	0.212	0.004	0.004	0.018	0.025	0.029	0.009	0.037	0.068	0.017
Non-metropolitan	0.145	0.377	0.040	0.082	0.091	0.173	0.377	0.017	0.132	0.411	0.127
Suburban	0.040	0.127	0.016	0.045	0.039	0.047	0.088	0.009	0.165	0.299	0.050
Race											
Black	0.000	0.000	0.000	0.001	0.068	0.019	0.060	0.007	0.103	0.069	0.009
White	0.071	0.224	0.018	0.056	0.042	0.093	0.155	0.011	0.135	0.373	0.068
Region											
Northeast	0.091	0.074	0.020	0.047	0.025	0.020	0.147	0.009	0.026	0.000	0.022
Midwest	0.194	0.432	0.025	0.053	0.101	0.124	0.193	0.020	0.149	0.224	0.098
South	0.015	0.145	0.013	0.029	0.020	0.088	0.140	0.006	0.140	0.291	0.047
West	0.015	0.202	0.006	0.029	0.039	0.069	0.119	0.009	0.000	0.333	0.083
Response to Questionnaire											
Households who garden	0.125	0.420	0.043	0.099	0.103	0.220	0.349	0.031	0.258	0.618	0.148
Households who farm	0.432	0.316	0.159	0.219	0.185	0.524	0.524	0.063	0.103	0.821	0.361

Table 13-68. Fraction of Food Intake That Is Home-Produced (continued)

	Peas	Peppers	Pumpkin	Snap Beans	Tomatoes	White Potatoes	Beef	Game	Pork	Poultry	Eggs
Total	0.069	0.107	0.155	0.155	0.184	0.038	0.038	0.276	0.013	0.011	0.014
Season											
Fall	0.046	0.138	0.161	0.199	0.215	0.058	0.028	0.336	0.012	0.011	0.009
Spring	0.048	0.031	0.046	0.152	0.045	0.010	0.027	0.265	0.015	0.012	0.022
Summer	0.126	0.194	0.19	0.123	0.318	0.060	0.072	0.100	0.010	0.007	0.013
Winter	0.065	0.03	0.154	0.147	0.103	0.022	0.022	0.330	0.014	0.014	0.011
Urbanization											
Central City	0.033	0.067	0.130	0.066	0.100	0.009	0.001	0.146	0.001	0.002	0.002
Non-metropolitan	0.123	0.228	0.250	0.307	0.313	0.080	0.107	0.323	0.040	0.026	0.029
Suburban	0.064	0.086	0.127	0.118	0.156	0.029	0.026	0.316	0.006	0.011	0.014
Race											
Black	0.047	0.039	0.022	0.046	0.060	0.007	0.000	0.000	0.000	0.001	0.002
White	0.076	0.121	0.187	0.186	0.202	0.044	0.048	0.359	0.017	0.014	0.017
Region											
Northeast	0.021	0.067	0.002	0.052	0.117	0.016	0.014	0.202	0.006	0.002	0.004
Midwest	0.058	0.188	0.357	0.243	0.291	0.065	0.076	0.513	0.021	0.021	0.019
South	0.106	0.113	0.044	0.161	0.149	0.042	0.022	0.199	0.012	0.012	0.012
West	0.051	0.082	0.181	0.108	0.182	0.013	0.041	0.207	0.011	0.008	0.021
Response to Questionnaire											
Households who garden	0.193	0.246	0.230	0.384	0.398	0.090	-	-	-	-	-
Households who farm	0.308	0.564	0.824	0.623	0.616	0.134	0.485	-	0.242	0.156	0.146
Households who raise animals	-	-	-	-	-	-	0.478	-	0.239	0.151	0.214
Households who hunt	-	-	-	-	-	-	-	0.729	-	-	-
-	Indicates data are not available.										
Source:	Based on EPA's analyses of the 1987-1988 NFCS.										

Table 13-69. Percent Weight Losses From Food Preparation

Food Group	Mean Net Preparation/Cooking Loss (%)	Mean Net Post Cooking (%)
Meats ^a	29.7 ^b	29.7 ^c
Fish and shellfish ^d	31.5 ^b	10.5 ^e
Fruits	25.4 ^e	30.5 ^f
Vegetables ^g	12.4 ^h	22 ⁱ
^a	Averaged over various cuts and preparation methods for various meats including beef, pork, chicken, turkey, lamb, and veal.	
^b	Includes dripping and volatile losses during cooking.	
^c	Includes losses from cutting, shrinkage, excess fat, bones, scraps, and juices.	
^d	Averaged over a variety of fish and shellfish to include bass, bluefish, butterfish, cod, flounder, haddock, halibut, lake trout, mackerel, perch, porgy, red snapper, rockfish, salmon, sea trout, shad, smelt, sole, spot, squid, swordfish steak, trout, whitefish, clams, crab, crayfish, lobster, oysters, and shrimp and shrimp dishes.	
^e	Based on preparation losses. Averaged over apples, pears, peaches, strawberries, and oranges. Includes losses from removal of skin or peel, core or pit, stems or caps, seeds, and defects. Also includes losses from removal of drained liquids from canned or frozen forms.	
^f	Averaged over apples and peaches. Include losses from draining cooked forms.	
^g	Averaged over various vegetables to include asparagus, beets, broccoli, cabbage, carrots, corn, cucumbers, lettuce, lima beans, okra, onions, green peas, peppers, pumpkins, snap beans, tomatoes, and potatoes.	
^h	Includes losses due to paring, trimming, flowering the stalk, thawing, draining, scraping, shelling, slicing, husking, chopping, and dicing and gains from the addition of water, fat, or other ingredients.	
ⁱ	Averaged over various preparation methods. Includes losses from draining or removal of skin. Based on potatoes only.	

Source: Derived from USDA (1975)

Table 13-70. Estimated Age-Specific Per Capita Home-Produced Intake (adjusted; g/kg-day)^a

	Home-Produced Fruits				Home-Produced Vegetables				Home-Produced Meats				Home-Produced Dairy			
	Gardening Population		Farming Population		Gardening Population		Farming Population		Population that Raises Animals		Farming Population		Population that Raises Animals		Farming Population	
	Mean	95th	Mean	95th	Mean	95th	Mean	95th	Mean	95th	Mean	95 th	Mean	95 th	Mean	95 th
Unadjusted (g/kg-day) ^b																
Total population	0.52	2.4	0.67	4.5	0.96	5.1	1.9	9.8	1.5	6.1	1.5	6.3	1.9	14	2.4	17
Adjusted (g/kg-day) ^c																
Total population	0.27	1.2	0.35	2.4	0.66	3.5	1.3	6.7	0.71	3.0	0.73	3.1	1.9	14	2.4	17
Birth to 1 year ^d	1.0	4.4	1.2	8.4	0.87	4.7	1.8	8.9	0.41	1.7	0.42	1.8	3.6	26	4.5	32
1 to <2 years	1.0	4.8	1.4	9.1	1.3	7.1	2.7	14	1.4	5.8	1.4	6.0	11	76	13	92
2 to <3 years	1.0	4.8	1.4	9.1	1.3	7.1	2.7	14	1.4	5.8	1.4	6.0	11	76	13	92
3 to <6 years	0.78	3.6	1.0	6.8	1.1	6.1	2.3	12	1.4	5.8	1.4	6.0	6.7	48	8.3	58
6 to <11 years	0.40	1.9	0.52	3.5	0.80	4.2	1.6	8.1	1.0	4.1	1.0	4.2	3.9	28	4.8	34
11 to <16 years	0.13	0.62	0.17	1.2	0.56	3.0	1.1	5.7	0.71	3.0	0.73	3.1	1.6	12	2.0	14
16 to <21 years	0.13	0.62	0.17	1.2	0.56	3.0	1.1	5.7	0.71	3.0	0.73	3.1	1.6	12	2.0	14
21 to <50 years	0.15	0.70	0.20	1.3	0.56	3.0	1.1	5.7	0.65	2.7	0.66	2.8	0.95	6.9	1.2	8.3
50+ years	0.24	1.1	0.31	2.1	0.60	3.2	1.2	6.1	0.51	2.1	0.52	2.2	0.92	6.7	1.1	8.0
^a	Calculated as: per capita home-produced intake for total population of households that garden, farm, or raise animals (See Section 13.3.1), times age-specific ratio of mean per capita total intake to mean per capita total intake for total population, based on analysis of 1994–96 and 1998 CSFII data (See Chapters 9 and 11).															
^b	Not adjusted for food preparation or post-cooking losses.															
^c	Adjusted to account for food preparation and post-cooking losses; no adjustments made to dairy.															
^d	Estimates are uncertain for this age group because of the wide range of intake patterns for children under 1 year of age.															
Source: Phillips and Moya (2012).																

Chapter 13—Intake of Home-Produced Foods

Table 13-71. 2008 Food Gardening by Demographic Factors

Demographic Factor	Percentage of Total Households That Have Gardens (%)
Total (~36 million)	31
Sex	
Female	54
Male	46
Age	
18–34	21
35–44	11
45–54	24
55 and over	44
Education	
College graduate	43
Some college	36
High school	21
Household income	
\$75,000 and over	22
\$50–\$74,999	16
\$35–\$49,999	24
Under \$35,000	21
Undesignated	17
Household size	
One person	20
Two person	40
Three to four person	32
Five or more persons	9

Source: National Gardening Association (2009).

Table 13-72. Percentage of Gardening Households Growing Different Vegetables in 2008

Vegetable	Percent (%)
Tomatoes	86
Cucumbers	47
Sweet peppers	46
Beans	39
Carrots	34
Summer squash	32
Onions	32
Hot peppers	31
Lettuce	28
Peas	24
Sweet Corn	23
Radish	20
Potatoes	18
Salad greens	17
Pumpkins	17
Watermelon	16
Spinach	15
Broccoli	15
Melon	15
Cabbage	14
Beets	11
Winter squash	10
Asparagus	9
Collards	9
Cauliflower	7
Celery	5
Brussels sprouts	5
Leeks	3
Kale	3
Parsnips	2
Chinese cabbage	2
Rutabaga	1

Source: National Gardening Association (2009).

APPENDIX 13A

**FOOD CODES AND DEFINITIONS OF MAJOR FOOD GROUPS USED IN THE ANALYSIS
OF THE 1987–1988 USDA NFCS DATA TO ESTIMATE HOME-PRODUCED INTAKE RATES**

Chapter 13—Intake of Home-Produced Foods

Table 13A-1. Food Codes and Definitions of Major Food Groups Used in Analysis of the 1987–1988 USDA NFCS Data to Estimate Intake of Home-Produced Foods

Food Product	Household Code/Definition ^a	Individual Code
MAJOR FOOD GROUPS		
Total Fruits	50- Fresh Fruits citrus other vitamin-C rich other fruits 512- Commercially Canned Fruits 522- Commercially Frozen Fruits 533- Canned Fruit Juice 534- Frozen Fruit Juice 535- Aseptically Packed Fruit Juice 536- Fresh Fruit Juice 542- Dried Fruits (includes baby foods)	6- Fruits citrus fruits and juices dried fruits other fruits fruits/juices & nectar fruit/juices baby food (includes baby foods)
Total Vegetables	48- Potatoes, Sweet Potatoes 49- Fresh Vegetables dark green deep yellow tomatoes light green other 511- Commercially Canned Vegetables 521- Commercially Frozen Vegetables 531- Canned Vegetable Juice 532- Frozen Vegetable Juice 537- Fresh Vegetable Juice 538- Aseptically Packed Vegetable Juice 541- Dried Vegetables (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures/dinners)	7- Vegetables (all forms) white potatoes & Puerto Rican starchy dark green vegetables deep yellow vegetables tomatoes and tom. mixtures other vegetables veg. and mixtures/baby food veg. with meat mixtures (includes baby foods; mixtures, mostly vegetables)
Total Meats	44- Meat beef pork veal lamb mutton goat game lunch meat mixtures 451- Poultry (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	20- Meat, type not specified 21- Beef 22- Pork 23- Lamb, veal, game, carcass meat 24- Poultry 25- Organ meats, sausages, lunchmeats, meat spreads (excludes meat, poultry, and fish with non-meat items; frozen plate meals; soups and gravies with meat, poultry and fish base; and gelatin-based drinks; includes baby foods)
Total Dairy	40- Milk Equivalent fresh fluid milk processed milk cream and cream substitutes frozen desserts with milk cheese dairy-based dips (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners)	1- Milk and Milk Products milk and milk drinks cream and cream substitutes milk desserts, sauces, and gravies cheeses (includes regular fluid milk, human milk, imitation milk products, yogurt, milk-based meal replacements, and infant formulas)
Total Fish	452- Fish, Shellfish various species fresh, frozen, commercial, dried (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners)	26- Fish, Shellfish various species and forms (excludes meat, poultry, and fish with non-meat items; frozen plate meals; soups and gravies with meat, poultry and fish base; and gelatin-based drinks)
^a Food items within these categories that were identified by the household as being home-produced or home-caught (i.e., source code pertaining to home-produced foods) were included in the analysis.		

APPENDIX 13B

**1987–1988 NFCS FOOD CODES AND DEFINITIONS OF INDIVIDUAL FOOD ITEMS USED IN
ESTIMATING THE FRACTION OF HOUSEHOLD FOOD INTAKE THAT IS HOME-PRODUCED**

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced		
Food Product	Household Code/Definition	Individual Code
INDIVIDUAL FOODS		
White Potatoes	4811- White Potatoes, fresh 4821- White Potatoes, commercially canned 4831- White Potatoes, commercially frozen 4841- White Potatoes, dehydrated 4851- White Potatoes, chips, sticks, salad (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners)	71- White Potatoes and Puerto Rican Starchy Veg. baked, boiled, chips, sticks, creamed, scalloped, au gratin, fried, mashed, stuffed, puffs, salad, recipes, soups, Puerto Rican starchy vegetables (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)
Peppers	4913- Green/Red Peppers, fresh 5111201 Sweet Green Peppers, commercially canned 5111202 Hot Chili Peppers, commercially canned 5211301 Sweet Green Peppers, commercially frozen 5211302 Green Chili Peppers, commercially frozen 5211303 Red Chili Peppers, commercially frozen 5413112 Sweet Green Peppers, dry 5413113 Red Chili Peppers, dry (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners)	7512100 Pepper, hot chili, raw 7512200 Pepper, raw 7512210 Pepper, sweet green, raw 7512220 Pepper, sweet red, raw 7522600 Pepper, green, cooked, NS as to fat added 7522601 Pepper, green, cooked, fat not added 7522602 Pepper, green, cooked, fat added 7522604 Pepper, red, cooked, NS as to fat added 7522605 Pepper, red, cooked, fat not added 7522606 Pepper, red, cooked, fat added 7522609 Pepper, hot, cooked, NS as to fat added 7522610 Pepper, hot, cooked, fat not added 7522611 Pepper, hot, cooked, fat added 7551101 Peppers, hot, sauce 7551102 Peppers, pickled (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)
Onions	4953- Onions, Garlic, fresh onions chives garlic leeks 5114908 Garlic Pulp, raw 5114915 Onions, commercially canned 5213722 Onions, commercially frozen 5213723 Onions with Sauce, commercially frozen 5413103 Chives, dried 5413105 Garlic Flakes, dried 5413110 Onion Flakes, dried (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners)	7510950 Chives, raw 7511150 Garlic, raw 7511250 Leek, raw 7511701 Onions, young green, raw 7511702 Onions, mature 7521550 Chives, dried 7521740 Garlic, cooked 7522100 Onions, mature cooked, NS as to fat added 7522101 Onions, mature cooked, fat not added 7522102 Onions, mature cooked, fat added 7522103 Onions, pearl cooked 7522104 Onions, young green cooked, NS as to fat 7522105 Onions, young green cooked, fat not added 7522106 Onions, young green cooked, fat added 7522110 Onion, dehydrated 7541501 Onions, creamed 7541502 Onion rings (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code	
Corn	4956- Corn, fresh	7510960 Corn, raw	
	5114601 Yellow Corn, commercially canned	7521600 Corn, cooked, NS as to color/fat added	
	5114602 White Corn, commercially canned	7521601 Corn, cooked, NS as to color/fat not added	
	5114603 Yellow Creamed Corn, commercially canned	7521602 Corn, cooked, NS as to color/fat added	
	5114604 White Creamed Corn, commercially canned	7521605 Corn, cooked, NS as to color/cream style	
	5114605 Corn on Cob, commercially canned	7521607 Corn, cooked, dried	
	5114607 Hominy, canned	7521610 Corn, cooked, yellow/NS as to fat added	
	5115306 Low Sodium Corn, commercially canned	7521611 Corn, cooked, yellow/fat not added	
	5115307 Low Sodium Cr. Corn, commercially canned	7521612 Corn, cooked, yellow/fat added	
	5213501 Yellow Corn on Cob, commercially frozen	7521615 Corn, yellow, cream style	
	5213502 Yellow Corn off Cob, commercially frozen	7521616 Corn, cooked, yell. & wh./NS as to fat	
	5213503 Yell. Corn with Sauce, commercially frozen	7521617 Corn, cooked, yell. & wh./fat not added	
	5213504 Corn with other Veg., commercially frozen	7521618 Corn, cooked, yell. & wh./fat added	
	5213505 White Corn on Cob, commercially frozen	7521619 Corn, yellow, cream style, fat added	
	5213506 White Corn off Cob, commercially frozen	7521620 Corn, cooked, white/NS as to fat added	
	5213507 Wh. Corn with Sauce, commercially frozen	7521621 Corn, cooked, white/fat not added	
	5413104 Corn, dried	7521622 Corn, cooked, white/fat added	
	5413106 Hominy, dry	7521625 Corn, white, cream style	
	5413603 Corn, instant baby food (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby food)	7521630 Corn, yellow, canned, low sodium, NS fat	
		7521631 Corn, yell., canned, low sod., fat not add	
		7521632 Corn, yell., canned, low sod., fat added	
		7521749 Hominy, cooked	
		752175- Hominy, cooked	
		7541101 Corn scalloped or pudding	
		7541102 Corn fritter	
		7541103 Corn with cream sauce	
		7550101 Corn relish	
		76405- Corn, baby (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures; includes baby food)	
	Apples	5031- Apples, fresh	6210110 Apples, dried, uncooked
		5122101 Applesauce with sugar, commercially canned	6210115 Apples, dried, uncooked, low sodium
		5122102 Applesauce without sugar, comm. canned	6210120 Apples, dried, cooked, NS as to sweetener
		5122103 Apple Pie Filling, commercially canned	6210122 Apples, dried, cooked, unsweetened
		5122104 Apples, Applesauce, baby/jr., comm. canned	6210123 Apples, dried, cooked, with sugar
		5122106 Apple Pie Filling, Low Cal., comm. canned	6310100 Apples, raw
		5223101 Apple Slices, commercially frozen	6310111 Applesauce, NS as to sweetener
		5332101 Apple Juice, canned	6310112 Applesauce, unsweetened
		5332102 Apple Juice, baby, Comm. canned	6310113 Applesauce with sugar
5342201 Apple Juice, comm. frozen		6310114 Applesauce with low calorie sweetener	
5342202 Apple Juice, home frozen		6310121 Apples, cooked or canned with syrup	
5352101 Apple Juice, aseptically packed		6310131 Apple, baked NS as to sweetener	
5362101 Apple Juice, fresh		6310132 Apple, baked, unsweetened	
5423101 Apples, dried (includes baby food; except mixtures)		6310133 Apple, baked with sugar	
		6310141 Apple rings, fried	
		6310142 Apple, pickled	
		6310150 Apple, fried	
		6340101 Apple, salad	
		6340106 Apple, candied	
		6410101 Apple cider	
		6410401 Apple juice	
		6410405 Apple juice with vitamin C	
		6710200 Applesauce baby fd., NS as to str. or jr.	
		6710201 Applesauce baby food, strained	
		6710202 Applesauce baby food, junior	
		6720200 Apple juice, baby food (includes baby food; except mixtures)	

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
Tomatoes	4931- Tomatoes, fresh 5113- Tomatoes, commercially canned 5115201 Tomatoes, low sodium, commercially canned 5115202 Tomato Sauce, low sodium, comm. canned 5115203 Tomato Paste, low sodium, comm. canned 5115204 Tomato Puree, low sodium, comm. canned 5311- Canned Tomato Juice and Tomato Mixtures 5321- Frozen Tomato Juice 5371- Fresh Tomato Juice 5381102 Tomato Juice, aseptically packed 5413115 Tomatoes, dry 5614- Tomato Soup 5624- Condensed Tomato Soup 5654- Dry Tomato Soup (does not include mixtures, and ready-to-eat dinners)	74- Tomatoes and Tomato Mixtures raw, cooked, juices, sauces, mixtures, soups, sandwiches
Snap Beans	4943- Snap or Wax Beans, fresh 5114401 Green or Snap Beans, commercially canned 5114402 Wax or Yellow Beans, commercially canned 5114403 Beans, baby/jr., commercially canned 5115302 Green Beans, low sodium, comm. canned 5115303 Yell. or Wax Beans, low sod., comm. canned 5213301 Snap or Green Beans, comm. frozen 5213302 Snap or Green w/sauce, comm. frozen 5213303 Snap or Green Beans w/other veg., comm. fr. 5213304 Sp. or Gr. Beans w/other veg./sc., comm. fr. 5213305 Wax or Yell. Beans, comm. frozen (does not include soups, mixtures, and ready-to-eat dinners; includes baby foods)	7510180 Beans, string, green, raw 7520498 Beans, string, cooked, NS color/fat added 7520499 Beans, string, cooked, NS color/no fat 7520500 Beans, string, cooked, NS color & fat 7520501 Beans, string, cooked, green/NS fat 7520502 Beans, string, cooked, green/no fat 7520503 Beans, string, cooked, green/fat 7520511 Beans, str., canned, low sod., green/NS fat 7520512 Beans, str., canned, low sod., green/no fat 7520513 Beans, str., canned, low sod., green/fat 7520600 Beans, string, cooked, yellow/NS fat 7520601 Beans, string, cooked, yellow/no fat 7520602 Beans, string, cooked, yellow/fat 7540301 Beans, string, green, creamed 7540302 Beans, string, green, w/mushroom sauce 7540401 Beans, string, yellow, creamed 7550011 Beans, string, green, pickled 7640100 Beans, green, string, baby 7640101 Beans, green, string, baby, str. 7640102 Beans, green, string, baby, junior 7640103 Beans, green, string, baby, creamed (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures; includes baby foods)
Beef	441- Beef (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	21- Beef beef, nfs beef steak beef oxtails, neck bones, ribs roasts, stew meat, corned, brisket, sandwich steaks ground beef, patties, meatballs other beef items beef baby food (excludes meat, poultry, and fish with non-meat items; frozen plate meals; soups and gravies with meat, poultry, and fish base; and gelatin-based drinks; includes baby food)

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)		
Food Product	Household Code/Definition	Individual Code
Pork	442- Pork (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	22- Pork pork, nfs; ground dehydrated chops steaks, cutlets ham roasts Canadian bacon bacon, salt pork other pork items pork baby food (excludes meat, poultry, and fish with non-meat items; frozen plate meals; soups and gravies with meat, poultry and fish base; and gelatin-based drinks; includes baby food)
Game	445- Variety Meat, Game (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	233- Game (excludes meat, poultry, and fish with non-meat items; frozen plate meals; soups and gravies with meat, poultry, and fish base; and gelatin-based drinks)
Poultry	451- Poultry (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	24- Poultry chicken turkey duck other poultry poultry baby food (excludes meat, poultry, and fish with non-meat items; frozen plate meals; soups and gravies with meat, poultry, and fish base; and gelatin-based drinks; includes baby food)
Eggs	46- Eggs (fresh equivalent) fresh processed eggs, substitutes (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	3- Eggs eggs egg mixtures egg substitutes eggs baby food froz. meals with egg as main ingred. (includes baby foods)
Broccoli	4912- Fresh Broccoli (and home canned/froz.) 5111203 Broccoli, comm. canned 52112- Comm. Frozen Broccoli (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	722- Broccoli (all forms) (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)
Carrots	4921- Fresh Carrots (and home canned/froz.) 51121- Comm. Canned Carrots 5115101 Carrots, Low Sodium, Comm. Canned 52121- Comm. Frozen Carrots 5312103 Comm. Canned Carrot Juice 5372102 Carrot Juice Fresh 5413502 Carrots, Dried Baby Food (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	7310- Carrots (all forms) 7311140 Carrots in Sauce 7311200 Carrot Chips 76201- Carrots, baby (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures; includes baby foods except mixtures)
Pumpkin	4922- Fresh Pumpkin, Winter Squash (and home canned/froz.) 51122- Pumpkin/Squash, Baby or Junior, Comm. Canned 52122- Winter Squash, Comm. Frozen 5413504 Squash, Dried Baby Food (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	732- Pumpkin (all forms) 733- Winter squash (all forms) 76205- Squash, baby (does not include vegetable soups; vegetables mixtures; or vegetable with meat mixtures; includes baby foods)

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)		
Food Product	Household Code/Definition	Individual Code
Asparagus	4941- Fresh Asparagus (and home canned/froz.) 5114101 Comm. Canned Asparagus 5115301 Asparagus, Low Sodium, Comm. Canned 52131- Comm. Frozen Asparagus (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	7510080 Asparagus, raw 75202- Asparagus, cooked 7540101 Asparagus, creamed or with cheese (does not include vegetable soups; vegetables mixtures, or vegetable with meat mixtures)
Lima Beans	4942- Fresh Lima and Fava Beans (and home canned/froz.) 5114204 Comm. Canned Mature Lima Beans 5114301 Comm. Canned Green Lima Beans 5115304 Comm. Canned Low Sodium Lima Beans 52132- Comm. Frozen Lima Beans 54111- Dried Lima Beans 5411306 Dried Fava Beans (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures; does not include succotash)	7510200 Lima Beans, raw 752040- Lima Beans, cooked 752041- Lima Beans, canned 75402- Lima Beans with sauce (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures; does not include succotash)
Cabbage	4944- Fresh Cabbage (and home canned/froz.) 4958601 Sauerkraut, home canned or pkgd 5114801 Sauerkraut, comm. canned 5114904 Comm. Canned Cabbage 5114905 Comm. Canned Cabbage (no sauce; incl. baby) 5115501 Sauerkraut, low sodium., comm. canned 5312102 Sauerkraut Juice, comm. canned (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	7510300 Cabbage, raw 7510400 Cabbage, Chinese, raw 7510500 Cabbage, red, raw 7514100 Cabbage salad or coleslaw 7514130 Cabbage, Chinese, salad 75210- Chinese Cabbage, cooked 75211- Green Cabbage, cooked 75212- Red Cabbage, cooked 752130- Savoy Cabbage, cooked 75230- Sauerkraut, cooked 7540701 Cabbage, creamed 755025- Cabbage, pickled or in relish (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)
Lettuce	4945- Fresh Lettuce, French Endive (and home canned/froz.) (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	75113- Lettuce, raw 75143- Lettuce salad with other veg. 7514410 Lettuce, wilted, with bacon dressing 7522005 Lettuce, cooked (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)
Okra	4946- Fresh Okra (and home canned/froz.) 5114914 Comm. Canned Okra 5213720 Comm. Frozen Okra 5213721 Comm. Frozen Okra with Oth. Veg. & Sauce (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	7522000 Okra, cooked, NS as to fat 7522001 Okra, cooked, fat not added 7522002 Okra, cooked, fat added 7522010 Lufta, cooked (Chinese Okra) 7541450 Okra, fried 7550700 Okra, pickled (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)		
Food Product	Household Code/Definition	Individual Code
Peas	4947- Fresh Peas (and home canned/froz.) 51147- Comm Canned Peas (incl. baby) 5115310 Low Sodium Green or English Peas (canned) 5115314 Low Sod. Blackeyed, Gr. or Imm. Peas (canned) 5114205 Blackeyed Peas, comm. canned 52134- Comm. Frozen Peas 5412- Dried Peas and Lentils (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	7512000 Peas, green, raw 7512775 Snowpeas, raw 75223- Peas, cowpeas, field or blackeyed, cooked 75224- Peas, green, cooked 75225- Peas, pigeon, cooked 75231- Snowpeas, cooked 7541650 Pea salad 7541660 Pea salad with cheese 75417- Peas, with sauce or creamed 76409- Peas, baby 76411- Peas, creamed, baby (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures; includes baby foods except mixtures)
Cucumbers	4952- Fresh Cucumbers (and home canned/froz.) (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	7511100 Cucumbers, raw 75142- Cucumber salads 752167- Cucumbers, cooked 7550301 Cucumber pickles, dill 7550302 Cucumber pickles, relish 7550303 Cucumber pickles, sour 7550304 Cucumber pickles, sweet 7550305 Cucumber pickles, fresh 7550307 Cucumber, Kim Chee 7550311 Cucumber pickles, dill, reduced salt 7550314 Cucumber pickles, sweet, reduced salt (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)
Beets	4954- Fresh Beets (and home canned/froz.) 51145- Comm. Canned Beets (incl. baby) 5115305 Low Sodium Beets (canned) 5213714 Comm. Frozen Beets 5312104 Beet Juice (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	7510250 Beets, raw 752080- Beets, cooked 752081- Beets, canned 7540501 Beets, harvard 7550021 Beets, pickled 76403- Beets, baby (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures; includes baby foods except mixtures)
Strawberries	5022- Fresh Strawberries 5122801 Comm. Canned Strawberries with sugar 5122802 Comm. Canned Strawberries without sugar 5122803 Canned Strawberry Pie Filling 5222- Comm. Frozen Strawberries (does not include ready-to-eat dinners; includes baby foods except mixtures)	6322- Strawberries 6413250 Strawberry Juice (includes baby food; except mixtures)

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
Other Berries	5033- Fresh Berries Other than Strawberries 5122804 Comm. Canned Blackberries with sugar 5122805 Comm. Canned Blackberries without sugar 5122806 Comm. Canned Blueberries with sugar 5122807 Comm. Canned Blueberries without sugar 5122808 Canned Blueberry Pie Filling 5122809 Comm. Canned Gooseberries with sugar 5122810 Comm. Canned Gooseberries without sugar 5122811 Comm. Canned Raspberries with sugar 5122812 Comm. Canned Raspberries without sugar 5122813 Comm. Canned Cranberry Sauce 5122815 Comm. Canned Cranberry-Orange Relish 52233- Comm. Frozen Berries (not strawberries) 5332404 Blackberry Juice (home and comm. canned) 5423114 Dried Berries (not strawberries) (does not include ready-to-eat dinners; includes baby foods except mixtures)	6320- Other Berries 6321- Other Berries 6341101 Cranberry salad 6410460 Blackberry Juice 64105- Cranberry Juice (includes baby food; except mixtures)
Peaches	5036- Fresh Peaches 51224- Comm. Canned Peaches (incl. baby) 5223601 Comm. Frozen Peaches 5332405 Home Canned Peach Juice 5423105 Dried Peaches (baby) 5423106 Dried Peaches (does not include ready-to-eat dinners; includes baby foods except mixtures)	62116- Dried Peaches 63135- Peaches 6412203 Peach Juice 6420501 Peach Nectar 67108- Peaches, baby 6711450 Peaches, dry, baby (includes baby food; except mixtures)
Pears	5037- Fresh Pears 51225- Comm. Canned Pears (incl. baby) 5332403 Comm. Canned Pear Juice, baby 5362204 Fresh Pear Juice 5423107 Dried Pears (does not include ready-to-eat dinners; includes baby foods except mixtures)	62119- Dried Pears 63137- Pears 6341201 Pear salad 6421501 Pear Nectar 67109- Pears, baby 6711455 Pears, dry, baby (includes baby food; except mixtures)

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
EXPOSED/PROTECTED FRUITS/VEGETABLES, ROOT VEGETABLES		
Exposed Fruits	5022- Strawberries, fresh	62101- Apple, dried
	5023101 Acerola, fresh	62104- Apricot, dried
	5023401 Currants, fresh	62108- Currants, dried
	5031- Apples/Applesauce, fresh	62110- Date, dried
	5033- Berries other than Strawberries, fresh	62116- Peaches, dried
	5034- Cherries, fresh	62119- Pears, dried
	5036- Peaches, fresh	62121- Plum, dried
	5037- Pears, fresh	62122- Prune, dried
	50381- Apricots, Nectarines, Loquats, fresh	62125- Raisins
	5038305 Dates, fresh	63101- Apples/applesauce
	50384- Grapes, fresh	63102- Wi-apple
	50386- Plums, fresh	63103- Apricots
	50387- Rhubarb, fresh	63111- Cherries, maraschino
	5038805 Persimmons, fresh	63112- Acerola
	5038901 Sapote, fresh	63113- Cherries, sour
	51221- Apples/Applesauce, canned	63115- Cherries, sweet
	51222- Apricots, canned	63117- Currants, raw
	51223- Cherries, canned	63123- Grapes
	51224- Peaches, canned	6312601 Juneberry
	51225- Pears, canned	63131- Nectarine
	51228- Berries, canned	63135- Peach
	5122903 Grapes with sugar, canned	63137- Pear
	5122904 Grapes without sugar, canned	63139- Persimmons
	5122905 Plums with sugar, canned	63143- Plum
	5122906 Plums without sugar, canned	63146- Quince
	5122907 Plums, canned, baby	63147- Rhubarb/Sapodillo
	5122911 Prunes, canned, baby	632- Berries
	5122912 Prunes, with sugar, canned	64101- Apple Cider
	5122913 Prunes, without sugar, canned	64104- Apple Juice
	5122914 Raisin Pie Filling	64105- Cranberry Juice
	5222- Frozen Strawberries	64116- Grape Juice
	52231- Apples Slices, frozen	64122- Peach Juice
	52233- Berries, frozen	64132- Prune/Strawberry Juice
	52234- Cherries, frozen	6420101 Apricot Nectar
	52236- Peaches, frozen	64205- Peach Nectar
	52239- Rhubarb, frozen	64215- Pear Nectar
	53321- Canned Apple Juice	67102- Applesauce, baby
	53322- Canned Grape Juice	67108- Peaches, baby

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code	
Exposed Fruits (continued)	5332402 Canned Prune Juice	67109- Pears, baby	
	5332403 Canned Pear Juice	6711450 Peaches, baby, dry	
	5332404 Canned Blackberry Juice	6711455 Pears, baby, dry	
	5332405 Canned Peach Juice	67202- Apple Juice, baby	
	53421- Frozen Grape Juice	6720380 White Grape Juice, baby	
	5342201 Frozen Apple Juice, comm. fr.	67212- Pear Juice, baby	
	5342202 Frozen Apple Juice, home fr.	(includes baby foods/juices except mixtures; excludes fruit mixtures)	
	5352101 Apple Juice, aseptic packed		
	5352201 Grape Juice, aseptic packed		
	5362101 Apple Juice, fresh		
	5362202 Apricot Juice, fresh		
	5362203 Grape Juice, fresh		
	5362204 Pear Juice, fresh		
	5362205 Prune Juice, fresh		
	5421- Dried Prunes		
	5422- Raisins, Currants, dried		
	5423101 Dry Apples		
	5423102 Dry Apricots		
	5423103 Dates without pits		
	5423104 Dates with pits		
	5423105 Peaches, dry, baby		
	5423106 Peaches, dry		
	5423107 Pears, dry		
	5423114 Berries, dry		
	5423115 Cherries, dry (includes baby foods)		
	Protected Fruits	501- Citrus Fruits, fresh	61- Citrus Fr., Juices (incl. cit. juice mixtures)
		5021- Cantaloupe, fresh	62107- Bananas, dried
5023201 Mangoes, fresh		62113- Figs, dried	
5023301 Guava, fresh		62114- Lychees/Papayas, dried	
5023601 Kiwi, fresh		62120- Pineapple, dried	
5023701 Papayas, fresh		62126- Tamarind, dried	
5023801 Passion Fruit, fresh		63105- Avocado, raw	
5032- Bananas, Plantains, fresh		63107- Bananas	
5035- Melons other than Cantaloupe, fresh		63109- Cantaloupe, Carambola	
50382- Avocados, fresh		63110- Cassaba Melon	
5038301 Figs, fresh		63119- Figs	
5038302 Figs, cooked		63121- Genip	
5038303 Figs, home canned		63125- Guava/Jackfruit, raw	
5038304 Figs, home frozen		6312650 Kiwi	
50385- Pineapple, fresh		6312651 Lychee, raw	
5038801 Pomegranates, fresh		6312660 Lychee, cooked	
5038902 Cherimoya, fresh		63127- Honeydew	
5038903 Jackfruit, fresh		63129- Mango	
5038904 Breadfruit, fresh		63133- Papaya	
5038905 Tamarind, fresh		63134- Passion Fruit	
5038906 Carambola, fresh		63141- Pineapple	
5038907 Longan, fresh		63145- Pomegranate	
5121- Citrus, canned		63148- Sweetsop, Soursop, Tamarind	
51226- Pineapple, canned		63149- Watermelon	
5122901 Figs with sugar, canned		64120- Papaya Juice	
5122902 Figs without sugar, canned		64121- Passion Fruit Juice	
5122909 Bananas, canned, baby		64124- Pineapple Juice	
5122910 Bananas and Pineapple, canned, baby		64133- Watermelon Juice	
5122915 Litchis, canned		6420150 Banana Nectar	

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
Protected Fruits (continued)	5122916 Mangos with sugar, canned	64202- Cantaloupe Nectar
	5122917 Mangos without sugar, canned	64203- Guava Nectar
	5122918 Mangos, canned, baby	64204- Mango Nectar
	5122920 Guava with sugar, canned	64210- Papaya Nectar
	5122921 Guava without sugar, canned	64213- Passion Fruit Nectar
	5122923 Papaya with sugar, canned	64221- Soursop Nectar
	5122924 Papaya without sugar, canned	6710503 Bananas, baby
	52232- Bananas, frozen	6711500 Bananas, baby, dry
	52235- Melon, frozen	6720500 Orange Juice, baby
	52237- Pineapple, frozen	6721300 Pineapple Juice, baby
	5331- Canned Citrus Juices	(includes baby foods/juices except mixtures; excludes fruit mixtures)
	53323- Canned Pineapple Juice	
	5332408 Canned Papaya Juice	
	5332410 Canned Mango Juice	
	5332501 Canned Papaya Concentrate	
	5341- Frozen Citrus Juice	
	5342203 Frozen Pineapple Juice	
	5351- Citrus and Citrus Blend Juices, asep. packed	
	5352302 Pineapple Juice, asep. packed	
	5361- Fresh Citrus and Citrus Blend Juices	
	5362206 Papaya Juice, fresh	
	5362207 Pineapple-Coconut Juice, fresh	
	5362208 Mango Juice, fresh	
	5362209 Pineapple Juice, fresh	
	5423108 Pineapple, dry	
	5423109 Papaya, dry	
	5423110 Bananas, dry	
	5423111 Mangos, dry	
	5423117 Litchis, dry	
	5423118 Tamarind, dry	
	5423119 Plantain, dry (includes baby foods)	

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
Exposed Veg.	491- Fresh Dark Green Vegetables	721- Dark Green Leafy Veg.
	493- Fresh Tomatoes	722- Dark Green Non-Leafy Veg.
	4941- Fresh Asparagus	74- Tomatoes and Tomato Mixtures
	4943- Fresh Beans, Snap or Wax	7510050 Alfalfa Sprouts
	4944- Fresh Cabbage	7510075 Artichoke, Jerusalem, raw
	4945- Fresh Lettuce	7510080 Asparagus, raw
	4946- Fresh Okra	75101- Beans, sprouts and green, raw
	49481- Fresh Artichokes	7510275 Brussel Sprouts, raw
	49483- Fresh Brussel Sprouts	7510280 Buckwheat Sprouts, raw
	4951- Fresh Celery	7510300 Cabbage, raw
	4952- Fresh Cucumbers	7510400 Cabbage, Chinese, raw
	4955- Fresh Cauliflower	7510500 Cabbage, Red, raw
	4958103 Fresh Kohlrabi	7510700 Cauliflower, raw
	4958111 Fresh Jerusalem Artichokes	7510900 Celery, raw
	4958112 Fresh Mushrooms	7510950 Chives, raw
	4958113 Mushrooms, home canned	7511100 Cucumber, raw
	4958114 Mushrooms, home frozen	7511120 Eggplant, raw
	4958118 Fresh Eggplant	7511200 Kohlrabi, raw
	4958119 Eggplant, cooked	75113- Lettuce, raw
	4958120 Eggplant, home frozen	7511500 Mushrooms, raw
	4958200 Fresh Summer Squash	7511900 Parsley
	4958201 Summer Squash, cooked	7512100 Pepper, hot chili
	4958202 Summer Squash, home canned	75122- Peppers, raw
	4958203 Summer Squash, home frozen	7512750 Seaweed, raw
	4958402 Fresh Bean Sprouts	7512775 Snowpeas, raw
	4958403 Fresh Alfalfa Sprouts	75128- Summer Squash, raw
	4958504 Bamboo Shoots	7513210 Celery Juice
	4958506 Seaweed	7514100 Cabbage or Cole Slaw
	4958508 Tree Fern, fresh	7514130 Chinese Cabbage Salad
	4958601 Sauerkraut	7514150 Celery with cheese
	5111- Dark Green Vegetables (all are exposed)	75142- Cucumber salads
	5113- Tomatoes	75143- Lettuce salads
	5114101 Asparagus, comm. canned	7514410 Lettuce, wilted with bacon dressing
	51144- Beans, green, snap, yellow, comm. canned	7514600 Greek salad
	5114704 Snow Peas, comm. canned	7514700 Spinach salad
	5114801 Sauerkraut, comm. canned	7520600 Algae, dried
	5114901 Artichokes, comm. canned	75201- Artichoke, cooked
	5114902 Bamboo Shoots, comm. canned	75202- Asparagus, cooked
	5114903 Bean Sprouts, comm. canned	75203- Bamboo Shoots, cooked
	5114904 Cabbage, comm. canned	752049- Beans, string, cooked
	5114905 Cabbage, comm. canned, no sauce	75205- Beans, green, cooked/canned
	5114906 Cauliflower, comm. canned, no sauce	75206- Beans, yellow, cooked/canned
	5114907 Eggplant, comm. canned, no sauce	75207- Bean Sprouts, cooked
	5114913 Mushrooms, comm. canned	752085- Breadfruit
	5114914 Okra, comm. canned	752090- Brussel Sprouts, cooked
	5114918 Seaweeds, comm. canned	75210- Cabbage, Chinese, cooked
	5114920 Summer Squash, comm. canned	75211- Cabbage, green, cooked

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
Exposed Veg. (cont.)	5114923 Chinese or Celery Cabbage, comm. canned	75212- Cabbage, red, cooked
	51152- Tomatoes, canned, low sod.	752130- Cabbage, savoy, cooked
	5115301 Asparagus, canned, low sod.	75214- Cauliflower
	5115302 Beans, Green, canned, low sod.	75215- Celery, Chives, Christophine (chayote)
	5115303 Beans, Yellow, canned, low sod.	752167- Cucumber, cooked
	5115309 Mushrooms, canned, low sod.	752170- Eggplant, cooked
	51154- Greens, canned, low sod.	752171- Fern shoots
	5115501 Sauerkraut, low sodium	752172- Fern shoots
	5211- Dark Gr. Veg., comm. frozen (all exp.)	752173- Flowers of sesbania, squash or lily
	52131- Asparagus, comm. froz.	7521801 Kohlrabi, cooked
	52133- Beans, snap, green, yellow, comm. froz.	75219- Mushrooms, cooked
	5213407 Peapods, comm. froz.	75220- Okra/lettuce, cooked
	5213408 Peapods, with sauce, comm. froz.	7522116 Palm Hearts, cooked
	5213409 Peapods, with other veg., comm. froz.	7522121 Parsley, cooked
	5213701 Brussel Sprouts, comm. froz.	75226- Peppers, pimento, cooked
	5213702 Brussel Sprouts, comm. froz. with cheese	75230- Sauerkraut, cooked/canned
	5213703 Brussel Sprouts, comm. froz. with other veg.	75231- Snowpeas, cooked
	5213705 Cauliflower, comm. froz.	75232- Seaweed
	5213706 Cauliflower, comm. froz. with sauce	75233- Summer Squash
	5213707 Cauliflower, comm. froz. with other veg.	7540050 Artichokes, stuffed
	5213708 Caul., comm. froz. with other veg. & sauce	7540101 Asparagus, creamed or with cheese
	5213709 Summer Squash, comm. froz.	75403- Beans, green with sauce
	5213710 Summer Squash, comm. froz. with other veg.	75404- Beans, yellow with sauce
	5213716 Eggplant, comm. froz.	7540601 Brussel Sprouts, creamed
	5213718 Mushrooms with sauce, comm. froz.	7540701 Cabbage, creamed
	5213719 Mushrooms, comm. froz.	75409- Cauliflower, creamed
	5213720 Okra, comm. froz.	75410- Celery/Chiles, creamed
	5213721 Okra, comm. froz., with sauce	75412- Eggplant, fried, with sauce, etc.
	5311- Canned Tomato Juice and Tomato Mixtures	75413- Kohlrabi, creamed
	5312102 Canned Sauerkraut Juice	75414- Mushrooms, Okra, fried, stuffed, creamed
	5321- Frozen Tomato Juice	754180- Squash, baked, fried, creamed, etc.
	5371- Fresh Tomato Juice	7541822 Christophine, creamed
	5381102 Aseptically Packed Tomato Juice	7550011 Beans, pickled
	5413101 Dry Algae	7550051 Celery, pickled
	5413102 Dry Celery	7550201 Cauliflower, pickled
	5413103 Dry Chives	755025- Cabbage, pickled
	5413109 Dry Mushrooms	7550301 Cucumber pickles, dill
	5413111 Dry Parsley	7550302 Cucumber pickles, relish
	5413112 Dry Green Peppers	7550303 Cucumber pickles, sour
	5413113 Dry Red Peppers	7550304 Cucumber pickles, sweet
	5413114 Dry Seaweed	7550305 Cucumber pickles, fresh
	5413115 Dry Tomatoes	7550307 Cucumber, Kim Chee
	(does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	7550308 Eggplant, pickled
		7550311 Cucumber pickles, dill, reduced salt
		7550314 Cucumber pickles, sweet, reduced salt
		7550500 Mushrooms, pickled
		7550700 Okra, pickled
		75510- Olives
		7551101 Peppers, hot
		7551102 Peppers, pickled
		7551301 Seaweed, pickled
		7553500 Zucchini, pickled
		76102- Dark Green Veg., baby
		76401- Beans, baby (excl. most soups & mixtures)

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
Protected Veg.	4922- Fresh Pumpkin, Winter Squash	732- Pumpkin
	4942- Fresh Lima Beans	733- Winter Squash
	4947- Fresh Peas	7510200 Lima Beans, raw
	49482- Fresh Soy Beans	7510550 Cactus, raw
	4956- Fresh Corn	7510960 Corn, raw
	4958303 Succotash, home canned	7512000 Peas, raw
	4958304 Succotash, home frozen	7520070 Aloe vera juice
	4958401 Fresh Cactus (prickly pear)	752040- Lima Beans, cooked
	4958503 Burdock	752041- Lima Beans, canned
	4958505 Bitter Melon	7520829 Bitter Melon
	4958507 Horseradish Tree Pods	752083- Bitter Melon, cooked
	51122- Comm. Canned Pumpkin and Squash (baby)	7520950 Burdock
	51142- Beans, comm. canned	752131- Cactus
	51143- Beans, lima and soy, comm. canned	752160- Corn, cooked
	51146- Corn, comm. canned	752161- Corn, yellow, cooked
	5114701 Peas, green, comm. canned	752162- Corn, white, cooked
	5114702 Peas, baby, comm. canned	752163- Corn, canned
	5114703 Peas, blackeyed, comm. canned	7521749 Hominy
	5114705 Pigeon Peas, comm. canned	752175- Hominy
	5114919 Succotash, comm. canned	75223- Peas, cowpeas, field or blackeyed, cooked
	5115304 Lima Beans, canned, low sod.	75224- Peas, green, cooked
	5115306 Corn, canned, low sod.	75225- Peas, pigeon, cooked
	5115307 Creamed Corn, canned, low sod.	75301- Succotash
	511531- Peas and Beans, canned, low sod.	75402- Lima Beans with sauce
	52122- Winter Squash, comm. froz.	75411- Corn, scalloped, fritter, with cream
	52132- Lima Beans, comm. froz.	7541650 Pea salad
	5213401 Peas, gr., comm. froz.	7541660 Pea salad with cheese
	5213402 Peas, gr., with sauce, comm. froz.	75417- Peas, with sauce or creamed
	5213403 Peas, gr., with other veg., comm. froz.	7550101 Corn relish
	5213404 Peas, gr., with other veg., comm. froz.	76205- Squash, yellow, baby
	5213405 Peas, blackeyed, comm. froz.	76405- Corn, baby
	5213406 Peas, blackeyed, with sauce, comm. froz.	76409- Peas, baby
	52135- Corn, comm. froz.	76411- Peas, creamed, baby
	5213712 Artichoke Hearts, comm. froz.	(does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)
	5213713 Baked Beans, comm. froz.	
	5213717 Kidney Beans, comm. froz.	
	5213724 Succotash, comm. froz.	
	5411- Dried Beans	
	5412- Dried Peas and Lentils	
	5413104 Dry Corn	
	5413106 Dry Hominy	
	5413504 Dry Squash, baby	
	5413603 Dry Creamed Corn, baby	
	(does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
Root Vegetables	48- Potatoes, Sweetpotatoes 4921- Fresh Carrots 4953- Fresh Onions, Garlic 4954- Fresh Beets 4957- Fresh Turnips 4958101 Fresh Celeriac 4958102 Fresh Horseradish 4958104 Fresh Radishes, no greens 4958105 Radishes, home canned 4958106 Radishes, home frozen 4958107 Fresh Radishes, with greens 4958108 Fresh Salsify 4958109 Fresh Rutabagas 4958110 Rutabagas, home frozen 4958115 Fresh Parsnips 4958116 Parsnips, home canned 4958117 Parsnips, home frozen 4958502 Fresh Lotus Root 4958509 Ginger Root 4958510 Jicama, including yambean 51121- Carrots, comm. canned 51145- Beets, comm. canned 5114908 Garlic Pulp, comm. canned 5114910 Horseradish, comm. prep. 5114915 Onions, comm. canned 5114916 Rutabagas, comm. canned 5114917 Salsify, comm. canned 5114921 Turnips, comm. canned 5114922 Water Chestnuts, comm. canned 51151- Carrots, canned, low sod. 5115305 Beets, canned, low sod. 5115502 Turnips, low sod. 52121- Carrots, comm. froz. 5213714 Beets, comm. froz. 5213722 Onions, comm. froz. 5213723 Onions, comm. froz., with sauce 5213725 Turnips, comm. froz. 5312103 Canned Carrot Juice 5312104 Canned Beet Juice 5372102 Fresh Carrot Juice 5413105 Dry Garlic 5413110 Dry Onion 5413502 Dry Carrots, baby 5413503 Dry Sweet Potatoes, baby (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures)	71- White Potatoes and Puerto Rican St. Veg. 7310- Carrots 7311140 Carrots in sauce 7311200 Carrot chips 734- Sweetpotatoes 7510250 Beets, raw 7511150 Garlic, raw 7511180 Jicama (yambean), raw 7511250 Leeks, raw 75117- Onions, raw 7512500 Radish, raw 7512700 Rutabaga, raw 7512900 Turnip, raw 752080- Beets, cooked 752081- Beets, canned 7521362 Cassava 7521740 Garlic, cooked 7521771 Horseradish 7521850 Lotus root 752210- Onions, cooked 7522110 Onions, dehydrated 752220- Parsnips, cooked 75227- Radishes, cooked 75228- Rutabaga, cooked 75229- Salsify, cooked 75234- Turnip, cooked 75235- Water Chestnut 7540501 Beets, harvard 75415- Onions, creamed, fried 7541601 Parsnips, creamed 7541810 Turnips, creamed 7550021 Beets, pickled 7550309 Horseradish 7551201 Radishes, pickled 7553403 Turnip, pickled 76201- Carrots, baby 76209- Sweetpotatoes, baby 76403- Beets, baby (does not include vegetable soups; vegetable mixtures; or vegetable with meat mixtures)
USDA SUBCATEGORIES		
Dark Green Vegetables	491- Fresh Dark Green Vegetables 5111- Comm. Canned Dark Green Veg. 51154- Low Sodium Dark Green Veg. 5211- Comm. Frozen Dark Green Veg. 5413111 Dry Parsley 5413112 Dry Green Peppers 5413113 Dry Red Peppers (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures/dinners; excludes vegetable juices and dried vegetables)	72- Dark Green Vegetables all forms leafy, nonleafy, dk. gr. veg. soups

Chapter 13—Intake of Home-Produced Foods

Table 13B-1. Food Codes and Definitions for Individual Food Items Used in Analysis of the 1987–1988 USDA NFCS Household Data to Estimate Fraction of Food Intake That Is Home-Produced (continued)

Food Product	Household Code/Definition	Individual Code
Deep Yellow Vegetables	492- Fresh Deep Yellow Vegetables 5112- Comm. Canned Deep Yellow Veg. 51151- Low Sodium Carrots 5212- Comm. Frozen Deep Yellow Veg. 5312103 Carrot Juice 54135- Dry Carrots, Squash, Sw. Potatoes (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures/dinners; excludes vegetable juices and dried vegetables)	73- Deep Yellow Vegetables all forms carrots, pumpkin, squash, sweet potatoes, dp. yell. veg. soups
Other Vegetables	494- Fresh Light Green Vegetables 495- Fresh Other Vegetables 5114- Comm. Canned Other Veg. 51153- Low Sodium Other Veg. 51155- Low Sodium Other Veg. 5213- Comm. Frozen Other Veg. 5312102 Sauerkraut Juice 5312104 Beet Juice 5411- Dried Beans 5412- Dried Peas, Lentils 541310- Dried Other Veg. 5413114 Dry Seaweed 5413603 Dry Cr. Corn, baby (does not include soups, sauces, gravies, mixtures, and ready-to-eat dinners; includes baby foods except mixtures/dinners; excludes vegetable juices and dried vegetables)	75- Other Vegetables all forms
Citrus Fruits	501- Fresh Citrus Fruits 5121- Comm. Canned Citrus Fruits 5331- Canned Citrus and Citrus Blend Juice 5341- Frozen Citrus and Citrus Blend Juice 5351- Aseptically Packed Citrus and Citr. Blend Juice 5361- Fresh Citrus and Citrus Blend Juice (includes baby foods; excludes dried fruits)	61- Citrus Fruits and Juices 6720500 Orange Juice, baby food 6720600 Orange-Apricot Juice, baby food 6720700 Orange-Pineapple Juice, baby food 6721100 Orange-Apple-Banana Juice, baby food (excludes dried fruits)
Other Fruits	502- Fresh Other Vitamin C-Rich Fruits 503- Fresh Other Fruits 5122- Comm. Canned Fruits Other than Citrus 5222- Frozen Strawberries 5223- Frozen Other than Citr. or Vitamin C-Rich Fr. 5332- Canned Fruit Juice Other than Citrus 5342- Frozen Juices Other than Citrus 5352- Aseptically Packed Fruit Juice Other than Citr. 5362- Fresh Fruit Juice Other than Citrus 542- Dry Fruits (includes baby foods; excludes dried fruits)	62- Dried Fruits 63- Other Fruits 64- Fruit Juices and Nectars Excluding Citrus 671- Fruits, baby 67202- Apple Juice, baby 67203- Baby Juices 67204- Baby Juices 67212- Baby Juices 67213- Baby Juices 673- Baby Fruits 674- Baby Fruits