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Chapter 14 - Total Food Intake

14 TOTAL FOOD INTAKE**14.1 INTRODUCTION**

The U.S. food supply is generally considered to be one of the safest in the world. Nevertheless, contamination of foods may occur as a result of environmental pollution of the air, water, or soil, or the intentional use of chemicals such as pesticides or other agrochemicals. Ingestion of contaminated foods is a potential pathway of exposure to such contaminants among children. To assess chemical exposure through this pathway, information on food ingestion rates is needed. Per capita and consumers only data on food consumption rates for various food items and food categories are reported in Chapters 9 through 13 of this handbook. These intake rates were estimated by U.S. EPA using databases developed by the U.S. Department of Agriculture (USDA). U.S. EPA (2007) expanded the analysis of food intake in order to examine individuals' food consumption habits in greater detail. Using data from the USDA's Continuing Survey of Food Intake by Individuals (CSFII) conducted in 1994-1996, 1998, U.S. EPA (2007) derived distributions to characterize (1) total food intake among various groups in the U.S. population, subdivided by age, race, geographic region, and urbanization; (2) the contribution of various food categories (e.g., meats, grains, vegetables, etc.) to total food intake among these populations; and (3) the contribution of various food categories to total food intake among individuals exhibiting low- or high-end consumption patterns of a specific food category (e.g., individuals below the 10th percentile or above the 90th percentile for fish consumption). These data may be useful for assessing exposure among populations exhibiting lower or higher than usual intake of certain types of foods (e.g., people who eat little or no meat, or people who eat large quantities of fish).

The recommendations for total food intake rates are provided in the next section, along with a summary of the confidence ratings for these recommendations. Following the recommendations, the key study on total food intake is summarized.

14.2 RECOMMENDATIONS

A summary of recommended values for total food intake, on an as-consumed basis, is presented in Table 14-1. The confidence ratings for these recommendations are presented in Table 14-2. The

recommended intake rates for children are based on data from the U.S. EPA (2007) analysis of CSFII data. However, the analysis presented in U.S. EPA (2007) was conducted before U.S. EPA published the guidance entitled *Selecting Age Groups for Monitoring and Assessing Childhood Exposures to Environmental Contaminants* (U.S. EPA, 2005). As a result, the age groups used for children in U.S. EPA (2007) were not entirely consistent with the age groups recommended in the 2005 guidance. Therefore, a re-analysis of the data was conducted to conform with U.S. EPA's recommended age groups for children.

Because these recommendations are based on 1994-96 and 1998 CSFII data, they may not reflect recent changes that may have occurred in consumption patterns. In addition, these distributions are based on data collected over a 2-day period and may not necessarily reflect the long-term distribution of average daily intake rates. However, for the broad categories of foods used in this analysis (e.g., total foods, total fruits, total vegetables, etc.), because they are typically eaten on a daily basis throughout the year with minimal seasonality, the short-term distribution may be a reasonable approximation of the long-term distribution, although it will display somewhat increased variability. This implies that the upper percentiles shown here will tend to overestimate the corresponding percentiles of the true long-term distribution.



Table 14-1. Recommended Values for Per Capita Total Food Intake, As Consumed

Age Group	Mean	95 th Percentile	Multiple Percentiles	Source
	g/kg-day			
Birth to <1 month	20	61	See Table 14-3 	U.S. EPA re-analysis of CSFII 1994-96, 98 data (Based on U.S. EPA, 2007)
1 to <3 months	16	40		
3 to <6 months	28	65		
6 to <12 months	56	134		
1 to <2 years	90	161		
2 to <3 years	74	126		
3 to <6 years	61	102		
6 to <11 years	40	70		
11 to <16 years	24	45		
16 to <21 years	18	35		

Note: Total food intake was defined as intake of the sum of all foods in the following major food categories: dairy, meats, fish, eggs, grains, vegetables, fruits, and fats. Beverages, sugar, candy, and sweets, and nuts and nut products were not included because they could not be categorized into the major food groups. Also, human milk intake was not included.

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Table 14-2. Confidence in Recommendations for Total Food Intake

General Assessment Factors	Rationale	Rating
Soundness		High
<i>Adequacy of Approach</i>	The survey methodology was adequate and the analytical approach was competently executed. The study size was very large; sample size varied with age. The response rate was good. The key study analyzed primary data on recall of ingestion.	
<i>Minimal (or Defined) Bias</i>	No direct measurements were taken. The study relied on survey data.	
Applicability and Utility		Medium
<i>Exposure Factor of Interest</i>	The analysis was specifically designed to address food intake.	
<i>Representativeness</i>	The population studied was representative of the U.S. population.	
<i>Currency</i>	The data used were the most current data publicly available at the time the analysis was conducted for the handbook.	
<i>Data Collection Period</i>	Ingestion rates were estimated based on short-term data collected in the CSFII 1994-96, 1998.	
Clarity and Completeness		Medium
<i>Accessibility</i>	The CSFII data are publicly available. The U.S. EPA (2007) report is available online.	
<i>Reproducibility</i>	The methodology was clearly presented; enough information was included to reproduce results.	
<i>Quality Assurance</i>	Quality assurance methods were not described in the study report.	
Variability and Uncertainty		Medium
<i>Variability in Population</i>	Short term distributions were provided. The survey was not designed to capture long term day-to-day variability.	
<i>Uncertainty</i>	The survey data were based on recall over a 2-day period. Other sources of uncertainty were minimal.	
Evaluation and Review		Medium
<i>Peer Review</i>	The USDA CSFII survey received a high level of peer review. U.S. EPA (2007) analysis was also peer-reviewed; however, the re-analysis of these data using the new age categories was not peer reviewed outside the Agency.	
<i>Number and Agreement of Studies</i>	Only one key study was available for this factor	
Overall Rating		Medium



14.3 KEY STUDY OF TOTAL FOOD INTAKE

14.3.1 U.S. EPA Re-analysis of 1994-96, 1998 CSFII, Based on U.S. EPA (2007) - Analysis of Total Food Intake and Composition of Individual's Diet Based on USDA's 1994-96, 1998 Continuing Survey of Food Intakes by Individuals (CSFII)

U.S. EPA's National Center for Environmental Assessment (NCEA) conducted an analysis to evaluate the total food intake of individuals in the United States using data from the USDA's 1994–1996, 1998 CSFII (USDA, 2000) and U.S. EPA's *Food Commodity Intake Database* (FCID) (U.S. EPA, 2000). The 1994–96 CSFII and its 1998 Supplemental Children's Survey were designed to obtain data from a statistically representative sample of noninstitutionalized persons living in the United States. Survey participants were selected using a multistage process. The respondents were interviewed twice to collect information on food consumption during two non-consecutive days. For both survey days, data were collected by an in-home interviewer. The day two interview was conducted 3 to 10 days later and on a different day of the week. Of the more than 20,000 individuals surveyed, approximately 10,000 were under 21 years of age, and approximately 9,000 were under the age of 11. The 1994-96 survey and 1998 supplement are referred to collectively as CSFII 1994-96, 1998. Each individual in the survey was assigned a sample weight based on his or her demographic data; these weights were taken into account when calculating mean and percentile values of food consumption for the various demographic categories that were analyzed in the study. The sample weighting process used in the CSFII 1994-96, 1998 are discussed in detail in USDA (2000).

For the analysis of total food intake, food commodity codes provided in U.S. EPA's *Food Commodity Intake Database* (FCID) (U.S. EPA, 2000) were used to translate as-eaten foods (e.g., beef stew) identified by USDA food codes in the CSFII data set into food commodities (e.g., beef, potatoes, carrots, etc.). The method used to translate USDA food codes into U.S. EPA commodity codes is discussed in detail in USDA (2000). The U.S. EPA commodity codes were assigned to broad food categories (e.g., total meats, total vegetables, etc.) for use in the analysis. Total food intake was defined as intake of the sum of

all foods in the following major food categories: dairy, meats, fish, eggs, grains, vegetables, fruits, and fats. Beverages, sugar, candy, and sweets, and nuts and nut products were not included because they could not be categorized into the major food groups. Also, human milk intake was not included. Total food intake was calculated for various age groups of children. Percent consuming, mean, standard error, and a range of percentile values were calculated on the basis of grams of food per kilogram of body weight per day (g/kg-day) and on the basis of grams per day (g/day). In addition to total food intake, intake of the various major food groups for the various age groups in units of g/day and g/kg-day were also estimated for comparison to total intake.

To evaluate variability in the contributions of the major food groups to total food intake, individuals were ranked from lowest to highest, based on total food intake. Three subsets of individuals were defined, as follows: a group at the low end of the distribution of total intake (i.e., below the 10th percentile of total intake), a central group (i.e., the 45th to 55th percentile of total intake), and a group at the high end of the distribution of total intake (i.e., above the 90th percentile of total intake). Mean total food intake (in g/day and g/kg-day), mean intake of each of the major food groups (in g/day and g/kg-day), and the percent of total food intake that each of these food groups represents was calculated for each of the three populations (i.e., individuals with low-end, central, and high-end total food intake). A similar analysis was conducted to estimate the contribution of the major food groups to total food intake for individuals at the low-end, central, and high-end of the distribution of total meat intake, total dairy intake, total meat and dairy intake, total fish intake, and total fruit and vegetable intake. For example, to evaluate the variability in the diets of individuals at the low-end, central range, and high-end of the distribution of total meat intake, survey individuals were ranked according to their reported total meat intake. Three subsets of individuals were formed as described above. Mean total food intake, intake of the major food groups, and the percent of total food intake represented by each of the major food groups were tabulated. U.S. EPA (2007) presented the results of the analysis for the following age groups: <1 year, 1 to 2 years, 3 to 5



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years, 6 to 11 years, and 12 to 19 years. The data were tabulated in units of g/kg-day and g/day.

In order to conform to the standard age categories recommended in *Guidance on Selecting Age Groups for Monitoring and Assessing Childhood Exposures to Environmental Contaminants* (U.S. EPA, 2005) and used in this handbook, each of the tables from U.S. EPA (2007) was modified by re-analyzing the source data and applying the new age categories (i.e., <1 month, 1 to <3 months, 3 to <6 months, 6 to <12 months, 1 to <2 years, 2 to < 3 years, 3 to < 6 years, 6 to < 11 years, 11 to < 16 years, and 16 to < 21 years). The results of this re-analysis are presented in Tables 14-3 through 14-11. Distributions of total food intake are presented in Table 14-3 in units of g/day and g/kg-day. Tables 14-4 and 14-5 compare total food intake to intake of the various major food groups for the various age groups in units of g/day and g/kg-day, respectively. It should be noted that some U.S. EPA commodity codes are listed under more than one food category. For this reason, in the tables, the intake rates for the individual food categories do not necessarily add up to the figure given for total food intake (U.S. EPA, 2007). Also, data are not reported for food groups for which there were less than 20 consumers in a particular age group. Tables 14-6 through 14-11 present the contributions of the major food groups to total food intake for individuals (in the various age groups) at the low-end, central, and high-end of the distribution of total food intake (Table 14-6), total meat intake (Table 14-7), total meat and dairy intake (Table 14-8), total fish intake (Table 14-9), total fruit and vegetable intake (Table 14-10), and total dairy intake (Table 14-11) in units of g/day and g/kg-day. For each of the three classes of consumers, consumption of nine different food categories is presented (i.e., total foods, dairy, meats, fish, eggs, grains, vegetables, fruits, and fats). For example, in Table 14-9 one will find the mean consumption of meats, eggs, vegetables, etc. for individuals with an unusually high (or low or average) consumption of fish.

As discussed in previous chapters, the 1994-96, 98 CSFII data set have both advantages and limitations with regard to estimating food intake rates. The large sample size (more than 20,000 persons; approximately 10,000 children) is sufficient to allow categorization within narrowly defined age categories. In addition,

the survey was designed to obtain a statistically valid sample of the entire United States population that included children and low income groups. However, the survey design is of limited utility for assessing small and potentially at-risk subpopulations based on ethnicity, medical status, geography, or other factors such as activity level. Another limitation is that data are based on a two-day survey period and, as such, may not accurately reflect long-term eating patterns. This is particularly true for the tails (extremes) of the distribution of food intake.

14.4 REFERENCES FOR CHAPTER 14

- USDA (2000) 1994–96, 1998 Continuing survey of food intakes by individuals (CSFII). CD-ROM. Agricultural Research Service, Beltsville Human Nutrition Research Center, Beltsville, MD. Available from the National Technical Information Service, Springfield, VA; PB-2000-500027.
- U.S. EPA (2000) Food commodity intake database [FCID raw data file]. Office of Pesticide Programs, Washington, DC. Available from the National Technical Information Service, Springfield, VA; PB2000-5000101.
- U.S. EPA (2005) Guidance on selecting age groups for monitoring and assessing childhood exposures to environmental contaminants. U.S. Environmental Protection Agency, Washington, D.C., EPA/630/P-03/003F. Available from the National Technical Information Service, Springfield, VA, and online at www.epa.gov/ncea.
- U.S. EPA (2007) Analysis of total food intake and composition of individual's diet based on USDA's 1994–96, 1998 continuing survey of food intakes by individuals (CSFII). National Center for Environmental Assessment, Washington, DC; EPA/600/R-05/062F. Available from the National Technical Information Service, Springfield, VA, and online at www.epa.gov/ncea.



Table 14-3. Per Capita Total Food Intake

Age Group	N cons. ^a total ^b	PC	Mean	SE	Total Food Intake (g/day, as consumed)						Percentile	
					1	5	10	25	50	75	90	
Total Food Intake (g/kg-day, as consumed)												
Birth to <1 month	59	88	67.0%	67	59	0	0	0	0	67	108	142
1 to <3 month	183	245	74.7%	80	70	0	0	0	0	94	120	168
3 to <6 month	385	411	93.7%	197	150	0	0	12	100	167	286	385
6 to <12 month	676	678	99.7%	507	344	34	141	191	283	413	600	925
1 to <2 years	1,002	1,002	100%	1,039	407	216	414	570	770	998	1,244	1,556
2 to <3 years	994	994	100%	1,024	377	312	491	575	752	994	1,257	1,517
3 to <6 years	4,112	4,112	100%	1,066	380	416	548	629	805	1,020	1,276	1,548
6 to <11 years	1,553	1,553	100%	1,118	372	438	586	680	846	1,052	1,344	1,642
11 to <16 years	975	975	100%	1,209	499	343	536	657	851	1,124	1,491	1,860
16 to <21 years	743	743	100%	1,184	634	308	467	556	750	1,061	1,447	1,883
Total Food Intake (g/kg-day, as consumed)												
Birth to <1 month	59	88	67.0%	20	18	0	0	0	0	19	33	43
1 to <3 month	183	245	74.7%	16	14	0	0	0	0	18	25	36
3 to <6 month	385	411	93.7%	28	21	0	0	2	15	24	38	53
6 to <12 month	676	678	99.7%	56	36	3	17	22	33	47	66	99
1 to <2 years	1,002	1,002	100%	90	37	17	38	48	65	85	109	137
2 to <3 years	994	994	100%	74	29	23	34	39	52	72	92	113
3 to <6 years	4,112	4,112	100%	61	24	21	30	34	44	57	73	91
6 to <11 years	1,553	1,553	100%	40	17	10	17	21	28	38	49	61
11 to <16 years	975	975	100%	24	11	5	9	11	16	22	30	38
16 to <21 years	743	743	100%	18	9	5	6	8	12	16	22	30

^a Number of consumers. The number of consumers of total food may be less than the number of individuals in the study sample for the youngest age groups, because human milk was not included in the total food intake estimates presented here.

^b Sample size.

PC = Percent consuming.

SE = Standard error.

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFII.



Table 14-4. Per Capita Intake of Total Food and Intake of Major Food Groups (g/day, As Consumed)

Food Group	N cons. ^a	N total ^b	PC	Mean	SE	Percentile									
						1	5	10	25	50	75	90	95	99	100
Age Birth to <1month															
Total Food Intake	59	88	67.0%	67	59	0	0	0	0	67	108	142	221	222	222
Total Dairy Intake	51	88	58.0%	41	38	0	0	0	0	40	72	81	156	156	156
Total Meat Intake	0	88	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Egg Intake	0	88	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Fish Intake	0	88	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Grain Intake	5	88	5.7%	-	-	-	-	-	-	-	-	-	-	-	-
Total Vegetable Intake	27	88	30.7%	5	23	0	0	0	0	0	0.29	16	32	108	125
Total Fruit Intake	2	88	2.3%	-	-	-	-	-	-	-	-	-	-	-	-
Total Fat Intake	58	88	65.9%	19	16	0	0	0	0	20	32	38	64	64	64
Age 1 to <3 months															
Total Food Intake	183	245	74.7%	80	70	0	0	0	0	94	120	168	188	273	404
Total Dairy Intake	147	245	60.0%	37	40	0	0	0	0	19	72	89	103	129	155
Total Meat Intake	1	245	0.4%	-	-	-	-	-	-	-	-	-	-	-	-
Total Egg Intake	0	245	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Fish Intake	0	245	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Grain Intake	44	245	18.0%	1	5	0	0	0	0	0	0	3	9	20	45
Total Vegetable Intake	88	245	35.9%	15	33	0	0	0	0	0	0.92	74	94	119	211
Total Fruit Intake	23	245	9.4%	4	21	0	0	0	0	0	0	31	114	171	171
Total Fat Intake	176	245	71.8%	21	17	0	0	0	0	27	34	42	49	65	72
Age 3 to <6 months															
Total Food Intake	385	411	93.7%	197	150	0	0	12	100	167	286	385	476	705	1,151
Total Dairy Intake	308	411	74.9%	56	56	0	0	0	60	85	109	124	260	496	496
Total Meat Intake	44	411	10.7%	2	7	0	0	0	0	0	1	13	29	92	92
Total Egg Intake	28	411	6.8%	0.23	3	0	0	0	0	4	11	21	27	44	50
Total Fish Intake	1	411	0.2%	-	-	-	-	-	-	-	-	-	-	-	-
Total Grain Intake	284	411	69.1%	8	11	0	0	0	0	13	58	102	120	184	226
Total Vegetable	263	411	64.0%	34	46	0	0	0	0	15	99	196	282	522	750
Total Fruit Intake	218	411	53.0%	68	102	0	0	0	0	20	30	38	45	53	81
Total Fat Intake	357	411	86.9%	28	17	0	0	0	0	27	34	42	49	65	72



Table 14-4. Per Capita Intake of Total Food and Intake of Major Food Groups (g/day, As Consumed) (continued)

Food Group	N cons. ^a	N total ^b	PC	Mean	SE	Age 6 to <12 months									Percentile				
						1	5	10	25	50	75	90	95	99	100				
Age 6 to <2 years																			
Total Food Intake	676	678	99.7%	507	344	34	141	191	283	413	600	925	1,220	1,823	2,465				
Total Dairy Intake	628	678	92.6%	151	246	0	0	0.52	26	71	124	401	722	1,297	1,873				
Total Meat Intake	500	678	73.7%	22	27	0	0	0	0.013	14	32	59	78	117	269				
Total Egg Intake	352	678	51.9%	6	13	0	0	0	0	0.019	2	22	42	73	103				
Total Fish Intake	34	678	5.0%	0.62	3	0	0	0	0	0	0	0	0	0	21	42			
Total Grain Intake	653	678	96.3%	33	28	0	0.83	6	14	28	45	66	84	125	260				
Total Vegetable Intake	662	678	97.6%	91	67	0	2	14	41	81	127	180	231	285	452				
Total Fruit Intake	639	678	94.2%	169	142	0	0	17	70	147	232	335	425	670	1,254				
Total Fat Intake	661	678	97.5%	31	16	0	2	7	23	31	40	51	58	81	90				
Age 2 to <3 years																			
Total Food Intake	1,002	1,002	100%	1,039	407	216	414	570	770	998	1,244	1,556	1,756	2,215	3,605				
Total Dairy Intake	999	1,002	99.7%	489	332	1	38	94	241	451	681	917	1,090	1,474	2,935				
Total Meat Intake	965	1,002	96.3%	47	37	0	0.27	6	20	39	66	100	120	181	221				
Total Egg Intake	906	1,002	90.4%	14	21	0	0	0.0014	1	4	23	45	57	86	212				
Total Fish Intake	188	1,002	18.8%	3	10	0	0	0	0	0	0	0	11	21	45	135			
Total Grain Intake	997	1,002	99.5%	66	34	8	19	27	42	60	83	111	126	172	209				
Total Vegetable Intake	1,000	1,002	99.8%	120	75	9	25	37	68	107	155	220	255	402	739				
Total Fruit Intake	986	1,002	98.4%	254	204	0	4	30	99	209	349	532	664	828	1,762				
Total Fat Intake	1,002	1,002	100%	39	17	8	15	20	28	37	48	62	69	87	146				



Table 14-4. Per Capita Intake of Total Food and Intake of Major Food Groups (g/day, As Consumed) (continued)

Food Group	N cons. ^a	N total ^b	PC	Mean	SE	Percentile							
						1	5	10	25	50	75	90	95
Age 3 to <6 years													
Total Food Intake	4,112	4,112	100%	1066	380	416	548	629	805	1,020	1,276	1,548	1,746
Total Dairy Intake	4,112	4,112	100%	392	249	14	68	121	224	356	522	706	805
Total Meat Intake	4,062	4,112	98.8%	73	49	0	11	20	38	65	97	133	163
Total Egg Intake	3,910	4,112	95.1%	16	23	0	0.00032	0.065	1	6	24	47	59
Total Fish Intake	801	4,112	19.5%	5	16	0	0	0	0	0	0	19	36
Total Grain Intake	4,111	4,112	100%	101	41	29	44	54	72	95	122	155	175
Total Vegetable	4,111	4,112	100%	170	89	30	56	75	109	156	213	280	329
Total Fruit Intake	4,021	4,112	97.8%	243	220	0	2	16	85	196	344	516	642
Total Fat Intake	4,112	4,112	100%	50	19	14	23	27	36	47	60	74	85
Age 6 to <11 years													
Total Food Intake	1,553	1,553	100%	1118	372	438	586	680	846	1,052	1,344	1,642	1,825
Total Dairy Intake	1,553	1,553	100%	408	243	10	63	126	229	371	557	741	837
Total Meat Intake	1,533	1,553	98.7%	87	56	0	12	24	48	79	116	156	195
Total Egg Intake	1,490	1,553	95.9%	16	22	0	0.0019	0.13	2	6	22	46	58
Total Fish Intake	258	1,553	16.6%	6	17	0	0	0	0	0	0	0	38
Total Grain Intake	1,553	1,553	100%	119	48	31	54	67	87	114	143	179	201
Total Vegetable	1,553	1,553	100%	210	103	42	76	96	136	193	264	342	410
Total Fruit Intake	1,515	1,553	97.6%	193	184	0	1	8	60	141	280	440	545
Total Fat Intake	1,553	1,553	100%	58	22	16	27	33	42	56	70	86	95
Age 11 to <16 years													
Total Food Intake	975	975	100%	1209	499	343	536	657	851	1,124	1,491	1,860	2,179
Total Dairy Intake	975	975	100%	368	291	1	25	43	152	307	507	740	948
Total Meat Intake	970	975	99.5%	114	75	1	18	32	63	101	154	208	244
Total Egg Intake	930	975	95.4%	19	27	0	0.00087	0.12	2	7	25	53	72
Total Fish Intake	167	975	17.1%	9	24	0	0	0	0	0	30	62	125
Total Grain Intake	975	975	100%	136	63	33	56	70	93	127	168	212	249
Total Vegetable	975	975	100%	280	146	65	105	124	176	246	352	472	552
Total Fruit Intake	923	975	94.7%	195	202	0	0.000073	0.68	31	135	273	483	635
Total Fat Intake	975	975	100%	69	33	18	28	34	47	64	83	110	131



Table 14-4. Per Capita Intake of Total Food and Intake of Major Food Groups (g/day, As Consumed) (continued)

Food Group	N cons. ^a	N total ^b	PC	Mean	SE	Percentile									
						1	5	10	25	50	75	90			
Age 16 to <21 years															
Total Food Intake	743	743	100%	1184	634	308	467	556	750	1,061	1,447	1,883	2,283	3,281	8,840
Total Dairy Intake	742	743	99.9%	283	279	0.24	8	19	63	196	410	649	934	1,235	1,866
Total Meat Intake	730	743	98.3%	139	127	0	12	28	64	116	185	266	310	458	2,343
Total Egg Intake	703	743	94.6%	21	30	0	0	0.078	1	7	29	59	89	126	223
Total Fish Intake	143	743	19.2%	10	33	0	0	0	0	0	0	34	76	146	399
Total Grain Intake	743	743	100%	150	93	13	48	58	88	132	190	256	307	543	730
Total Vegetable	743	743	100%	325	204	43	86	128	194	280	400	562	683	1,160	2,495
Total Fruit Intake	671	743	90.3%	168	237	0	0	0.0022	3	74	242	432	665	1,023	2,270
Total Fat Intake	743	743	100%	74	42	13	22	30	46	67	94	129	148	213	391

^a Number of consumers. The number of consumers of total food may be less than the number of individuals in the study sample for the youngest age groups, because human milk was not included in the total food intake estimates presented here.

^b Sample size.

PC = Percent consuming.

SE = Standard error.

- = Data not reported where the number of consumers was less than 20.

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFII.



Table 14-5. Per Capita Intake of Total Food and Intake of Major Food Groups (g/kg-day, As Consumed)

Food Group	N cons. ^a	N total ^b	PC	Mean	SE	Percentile									
						1	5	10	25	50	75	90	95	99	100
Age Birth to <1 month															
Total Food Intake	59	88	67.0%	20	18	0	0	0	0	19	33	43	61	69	69
Total Dairy Intake	51	88	58.0%	12	0	0	0	0	0	13	21	25	43	49	49
Total Meat Intake	0	88	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Egg Intake	0	88	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Fish Intake	0	88	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Grain Intake	5	88	5.7%	-	-	-	-	-	-	-	-	-	-	-	-
Total Vegetable Intake	27	88	30.7%	2	6	0	0	0	0	0	0	0.11	4	12	30
Total Fruit Intake	2	88	2.3%	-	-	-	-	-	-	-	-	-	-	-	-
Total Fat Intake	58	88	65.9%	6	5	0	0	0	0	6	9	11	18	20	20
Age 1 to <3 months															
Total Food Intake	183	245	74.7%	16	14	0	0	0	0	18	25	36	40	55	76
Total Dairy Intake	147	245	60.0%	8	9	0	0	0	0	4	15	20	26	34	43
Total Meat Intake	1	245	0.4%	-	-	-	-	-	-	-	-	-	-	-	-
Total Egg Intake	0	245	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Fish Intake	0	245	0.0%	-	-	-	-	-	-	-	-	-	-	-	-
Total Grain Intake	44	245	18.0%	0.23	1	0	0	0	0	0	0	0	1	2	3
Total Vegetable Intake	88	245	35.9%	3	6	0	0	0	0	0	0	0.18	13	17	26
Total Fruit Intake	23	245	9.4%	1	5	0	0	0	0	0	0	0	0	7	19
Total Fat Intake	176	245	71.8%	4	4	0	0	0	0	5	7	9	11	14	18
Age 3 to <6 months															
Total Food Intake	385	411	93.7%	28	21	0	0	2	15	24	38	53	65	107	169
Total Dairy Intake	308	411	74.9%	8	8	0	0	0	0	8	12	16	20	38	73
Total Meat Intake	44	411	10.7%	0.21	0.97	0	0	0	0	0	0	0.12	1	4	13
Total Egg Intake	28	411	6.8%	0.024	0	0	0	0	0	0	0	0	0.055	1	4
Total Fish Intake	1	411	0.2%	-	-	-	-	-	-	-	-	-	-	-	-
Total Grain Intake	284	411	69.1%	1	2	0	0	0	0	1	1	3	4	6	10
Total Vegetable Intake	263	411	64.0%	5	7	0	0	0	0	2	8	14	18	25	52
Total Fruit Intake	218	411	53.0%	9	15	0	0	0	0	2	4	13	29	37	110
Total Fat Intake	357	411	86.9%	4	3	0	0	0	0	6	7	8	12	17	17



Table 14-5. Per Capita Intake of Total Food and Intake of Major Food Groups (g/kg-day, As Consumed) (continued)

Food Group	N cons. ^a	N total ^b	PC	Mean	SE	Age 6 to <12 months						Percentile	
						1	5	10	25	50	75	90	
Age 6 to <12 months													
Total Food Intake	676	678	99.7%	56	36	3	17	22	33	47	66	99	134
Total Dairy Intake	628	678	92.6%	16	26	0	0	0.068	3	8	14	38	72
Total Meat Intake	500	678	73.7%	2	3	0	0	0	0.0017	1	4	6	8
Total Egg Intake	352	678	51.9%	0.58	1	0	0	0	0	0.0023	0.21	2	4
Total Fish Intake	34	678	5.0%	0.064	0.35	0	0	0	0	0	0	0	2
Total Grain Intake	653	678	96.3%	4	3	0	0.097	0.67	2	3	5	7	9
Total Vegetable Intake	662	678	97.6%	10	8	0	0.26	2	5	9	14	20	25
Total Fruit Intake	639	678	94.2%	19	16	0	0	2	8	16	26	36	46
Total Fat Intake	661	678	97.5%	3	2	0	0.20	0.77	2	3	4	6	7
Age 1 to <2 years													
Total Food Intake	1,002	1,002	100%	90	37	17	38	48	65	85	109	137	161
Total Dairy Intake	999	1,002	99.7%	43	30	0.10	3	8	20	38	59	83	100
Total Meat Intake	965	1,002	96.3%	4	3	0	0.023	0.59	2	3	6	8	10
Total Egg Intake	906	1,002	90.4%	1	2	0	0	0.00098	0.085	0.37	2	4	5
Total Fish Intake	188	1,002	18.8%	0.27	0.88	0	0	0	0	0	0	1	2
Total Grain Intake	997	1,002	99.5%	6	3	0.87	2	2	4	5	7	9	11
Total Vegetable Intake	1,000	1,002	99.8%	10	7	0.65	2	3	6	9	14	19	22
Total Fruit Intake	986	1,002	98.4%	22	18	0	0.41	3	9	18	31	44	58
Total Fat Intake	1,002	1,002	100%	3	2	0.73	1	2	2	3	4	5	6
Age 2 to <3 years													
Total Food Intake	994	994	100%	74	29	23	34	39	52	72	92	113	126
Total Dairy Intake	994	994	100%	28	18	0.42	4	7	14	24	37	52	63
Total Meat Intake	981	994	98.7%	4	3	0	0.55	1	2	4	6	8	9
Total Egg Intake	943	994	94.9%	1	2	0	0	0.0051	0.098	0.49	2	4	4
Total Fish Intake	190	994	19.1%	0.27	0.89	0	0	0	0	0	0.91	2	4
Total Grain Intake	993	994	99.9%	6	3	1	2	3	4	5	7	9	10



Table 14-5. Per Capita Intake of Total Food and Intake of Major Food Groups (g/kg-day, As Consumed) (continued)

Food Group	N cons. ^a	N total ^b	PC	Mean	SE	Age 3 to <6 years						Percentile						
						1	5	10	25	50	75	90	95	99	100			
Age 3 to <6 years																		
Total Food Intake	4,112	4,112	100%	61	24	21	30	34	44	57	73	91	102	132	239			
Total Dairy Intake	4,112	4,112	100%	22	15	0.83	4	7	12	20	30	41	48	66	195			
Total Meat Intake	4,062	4,112	98.8%	4	3	0	0.61	1	2	4	5	8	9	13	23			
Total Egg Intake	3,910	4,112	95.1%	0.89	1	0	0.000022	0.0035	0.081	0.32	1	3	3	5	13			
Total Fish Intake	801	4,112	19.5%	0.29	0.88	0	0	0	0	0	0	1	2	4	12			
Total Grain Intake	4,111	4,112	100%	6	3	2	2	3	4	5	7	9	10	14	27			
Total Vegetable Intake	4,111	4,112	100%	10	5	2	3	4	6	9	12	16	19	26	60			
Total Fruit Intake	4,021	4,112	97.8%	14	13	0	0.13	0.94	5	11	20	30	39	57	124			
Total Fat Intake	4,112	4,112	100%	3	1	0.85	1	2	2	3	3	3	4	5	6	10		
Age 6 to <11 years																		
Total Food Intake	1,553	1,553	100%	40	17	10	0.35	2	4	7	13	20	27	33	42	79		
Total Dairy Intake	1,553	1,553	100%	15	10	0	0.44	0.82	2	3	4	6	7	10	18			
Total Meat Intake	1,533	1,553	98.7%	3	2	0	0	0.000084	0.0034	0.054	0.21	0.72	2	2	4	8		
Total Egg Intake	1,490	1,553	95.9%	0.55	1	0	0	0	0	0	0	0	0.79	1	3	7		
Total Fish Intake	258	1,553	16.6%	0.21	0.66	0	0	0	0	0	0	0	0	0	0			
Total Grain Intake	1,553	1,553	100%	4	2	0.92	2	2	3	4	5	7	8	11	16			
Total Vegetable Intake	1,553	1,553	100%	7	4	1	2	3	5	7	9	12	15	20	50			
Total Fruit Intake	1,515	1,553	97.6%	7	0	0.049	0.24	2	5	10	16	21	32	55				
Total Fat Intake	1,553	1,553	100%	2	1	0.60	0.91	1	1	2	3	3	4	5	9			
Age 11 to <16 years																		
Total Food Intake	975	975	100%	24	11	5	9	11	16	22	30	38	45	55	82			
Total Dairy Intake	975	975	100%	7	6	0.021	0.38	0.82	3	6	10	15	20	29	38			
Total Meat Intake	970	975	99.5%	2	1	0.022	0.35	0.63	1	2	3	4	5	7	10			
Total Egg Intake	930	975	95.4%	0.36	1	0	0.000015	0.0021	0.033	0.14	0.45	1	1	3	7			
Total Fish Intake	167	975	17.1%	0.16	0.48	0	0	0	0	0	0	0.57	1	2	7			
Total Grain Intake	975	975	100%	3	1	0.62	0.94	1	2	2	3	5	5	5	7	9		



Table 14-5. Per Capita Intake of Total Food and Intake of Major Food Groups (g/kg-day, As Consumed) (continued)

Food Group	N cons. ^a	N total ^b	PC	Mean	SE	Age 16 to <21 years						Percentile	
						1	5	10	25	50	75	90	
Total Food Intake	743	743	100%	18	9	5	6	8	12	16	22	30	35
Total Dairy Intake	742	743	99.9%	4	4	0.0058	0.13	0.28	0.88	3	6	10	12
Total Meat Intake	730	743	98.3%	2	2	0	0.18	0.49	0.95	2	3	4	5
Total Egg Intake	703	743	94.6%	0.31	0.43	0	0	0.0012	0.018	0.11	0.44	0.96	1
Total Fish Intake	143	743	19.2%	0.15	0.51	0	0	0	0	0	0	0.51	1
Total Grain Intake	743	743	100%	2	1	0.17	0.65	0.85	1	2	3	4	5
Total Vegetable	743	743	100%	5	3	0.61	1	2	3	4	6	8	10
Total Fruit Intake	671	743	90.3%	3	4	0	0	0.000030	0.049	1	4	7	10
Total Fat Intake	743	743	100%	1	1	0.21	0.33	0.47	1	1	1	2	2

^a Number of consumers. The number of consumers of total food may be less than the number of individuals in the study sample for the youngest age groups, because human milk was not included in the total food intake estimates presented here.

^b Sample size.

PC = Percent consuming.

SE = Standard error.

- = Data not reported where the number of consumers was less than 20.

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFIL.



Table 14-6. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Food Intake

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers	
	Intake	Percent	Intake	Percent	Intake	Percent		Intake	Percent	Intake	Percent	Intake	Percent
Age Birth to <1 month (g/day, as consumed)													
Total Foods	0	0.0%	64	100.0%	196	100.0%	Total Foods	0	0.0%	20	100.0%	58	100.0%
Total Dairy	0	0.0%	39	61.2%	109	55.4%	Total Dairy	0	0.0%	14	70.5%	35	60.1%
Total Meats	0	0.0%	0	0.0%	0	0.0%	Total Meats	0	0.0%	0	0.0%	0	0.0%
Total Fish	0	0.0%	0	0.0%	0	0.0%	Total Fish	0	0.0%	0	0.0%	0	0.0%
Total Eggs	0	0.0%	0	0.0%	0	0.0%	Total Eggs	0	0.0%	0	0.0%	0	0.0%
Total Grains	0	0.0%	0	0.0%	4	2.1%	Total Grains	0	0.0%	0	0.0%	1	2.1%
Total Vegetables	0	0.0%	5	7.4%	24	12.1%	Total Vegetables	0	0.0%	0.012	0.1%	6	10.0%
Total Fruits	0	0.0%	0	0.0%	8	4.1%	Total Fruits	0	0.0%	0	0.0%	0	0.0%
Total Fats ^a	0	0.0%	19	29.4%	52	26.2%	Total Fats ^a	0	0.0%	6	29.4%	16	27.8%
Age 1 to <3 months (g/day, as consumed)													
Total Foods	0	0.0%	94	100.0%	206	100.0%	Total Foods	0	0.0%	18	100.0%	44	100.0%
Total Dairy	0	0.0%	53	56.9%	63	30.8%	Total Dairy	0	0.0%	9	51.9%	20	45.4%
Total Meats	0	0.0%	0	0.0%	0	0.0%	Total Meats	0	0.0%	0	0.0%	0.012	0.0%
Total Fish	0	0.0%	0	0.0%	0	0.0%	Total Fish	0	0.0%	0	0.0%	0	0.0%
Total Eggs	0	0.0%	0	0.0%	0	0.0%	Total Eggs	0	0.0%	0	0.0%	0	0.0%
Total Grains	0	0.0%	1	1.1%	3	1.3%	Total Grains	0	0.0%	0.19	1.1%	0.23	0.5%
Total Vegetables	0	0.0%	11	12.0%	58	28.4%	Total Vegetables	0	0.0%	3	18.9%	7	16.4%
Total Fruits	0	0.0%	0.033	0.0%	27	13.0%	Total Fruits	0	0.0%	0	0.0%	5	12.3%
Total Fats ^a	0	0.0%	27	28.4%	49	23.6%	Total Fats ^a	0	0.0%	5	27.7%	11	24.4%
Age 3 to <6 months (g/day, as consumed)													
Total Foods	1	100.0%	166	100.0%	507	100.0%	Total Foods	0.26	100.0%	24	100.0%	73	100.0%
Total Dairy	0.038	3.0%	69	41.9%	90	17.8%	Total Dairy	0	0.5%	9	37.3%	13	17.9%
Total Meats	0	0.0%	0.38	0.2%	4	0.8%	Total Meats	0	0.0%	0.11	0.5%	0.62	0.8%
Total Fish	0	0.0%	0	0.0%	0.42	0.1%	Total Fish	0	0.0%	0	0.0%	0.056	0.1%
Total Eggs	0	0.0%	0.50	0.3%	0.60	0.1%	Total Eggs	0	0.0%	0	0.0%	0.031	0.0%
Total Grains	0.93	74.5%	8	4.9%	14	2.8%	Total Grains	0.22	85.0%	0.95	4.0%	2	3.4%
Total Vegetables	0.14	10.9%	27	16.3%	73	14.4%	Total Vegetables	0.019	7.4%	5	20.8%	11	14.5%
Total Fruits	0.12	9.9%	24	14.6%	284	56.0%	Total Fruits	0.017	6.7%	4	15.0%	40	55.0%
Total Fats ^a	0.017	1.3%	34	20.4%	36	7.2%	Total Fats ^a	0.0059	0.2%	5	21.3%	5	7.5%



Table 14-6. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Food Intake (continued)

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Age 6 to <12 months (g/day, as consumed)		Age 6 to <12 months (g/kg-day, as consumed)			
	Intake	Percent	Intake	Percent	Intake	Percent		Intake	Percent	Intake	Percent		
<i>Age 6 to <12 months (g/day, as consumed)</i>													
Total Foods	124	100.0%	414	100.0%	1,358	100.0%	Total Foods	15	100.0%	47	100.0%	144	100.0%
Total Dairy	33	26.4%	72	17.5%	770	56.7%	Total Dairy	4	25.4%	6	13.8%	77	53.1%
Total Meats	3	2.4%	19	4.6%	47	3.5%	Total Meats	0.34	2.3%	2	4.9%	5	3.4%
Total Fish	0.25	0.2%	1	0.3%	0.28	0.0%	Total Fish	0.033	0.2%	0.090	0.2%	0.029	0.0%
Total Eggs	0.62	0.5%	7	1.6%	8	0.6%	Total Eggs	0.13	0.9%	0.69	1.5%	1	0.8%
Total Grains	11	9.1%	37	8.9%	50	3.7%	Total Grains	2	10.7%	4	9.1%	5	3.6%
Total Vegetables	30	24.2%	90	21.9%	121	8.9%	Total Vegetables	3	21.9%	10	22.4%	14	9.8%
Total Fruits	30	24.4%	151	36.5%	314	23.1%	Total Fruits	4	25.9%	19	40.0%	37	25.8%
Total Fats ^a	14	11.6%	35	8.4%	44	3.2%	Total Fats ^a	2	11.4%	4	7.5%	5	3.2%
<i>Age 1 to <2 years (g/day, as consumed)</i>													
Total Foods	407	100.0%	998	100.0%	1,859	100.0%	Total Foods	35	100.0%	85	100.0%	167	100.0%
Total Dairy	113	27.8%	487	48.8%	1,008	54.2%	Total Dairy	10	29.5%	41	48.1%	94	56.1%
Total Meats	28	6.9%	46	4.6%	66	3.5%	Total Meats	3	7.5%	4	4.7%	5	3.2%
Total Fish	1	0.3%	3	0.3%	4	0.2%	Total Fish	0.14	0.4%	0.46	0.5%	0.25	0.2%
Total Eggs	9	2.2%	16	1.6%	22	1.2%	Total Eggs	0.74	2.1%	1	1.4%	2	0.9%
Total Grains	44	10.8%	63	6.3%	81	4.3%	Total Grains	4	10.9%	5	6.0%	7	4.3%
Total Vegetables	82	20.1%	101	10.2%	165	8.9%	Total Vegetables	7	18.6%	10	11.9%	13	7.8%
Total Fruits	100	24.6%	238	23.8%	446	24.0%	Total Fruits	8	23.0%	19	22.8%	40	24.0%
Total Fats ^a	24	5.8%	38	3.8%	61	3.3%	Total Fats ^a	2	6.4%	3	3.8%	5	3.2%
<i>Age 2 to <3 years (g/day, as consumed)</i>													
Total Foods	448	100.0%	989	100.0%	1,760	100.0%	Total Foods	32	100.0%	72	100.0%	129	100.0%
Total Dairy	118	26.3%	370	37.4%	698	39.7%	Total Dairy	8	24.8%	26	36.3%	54	42.2%
Total Meats	50	11.1%	60	6.1%	72	4.1%	Total Meats	4	11.2%	4	5.3%	5	3.8%
Total Fish	1	0.3%	4	0.4%	7	0.4%	Total Fish	0.11	0.4%	0.18	0.2%	0.36	0.3%
Total Eggs	12	2.7%	14	1.4%	24	1.4%	Total Eggs	1	3.6%	1	1.7%	2	1.3%
Total Grains	62	13.7%	86	8.7%	98	5.6%	Total Grains	4	13.8%	6	8.0%	7	5.6%
Total Vegetables	98	21.9%	145	14.6%	185	10.5%	Total Vegetables	7	22.0%	10	13.3%	13	10.0%
Total Fruits	70	15.6%	255	25.8%	609	34.6%	Total Fruits	5	16.2%	21	29.8%	42	32.9%
Total Fats ^a	31	6.8%	44	4.4%	56	3.2%	Total Fats ^a	2	7.1%	3	3.9%	4	3.2%



Table 14-6. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Food Intake (continued)

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Intake	Percent	Low-end Consumers		Food Group	Intake	Percent	Mid-range Consumers		Intake	Percent
	Intake	Percent	Intake	Percent	Intake	Percent				Intake	Percent				Intake	Percent		
Age 3 to <6 years (g/day, as consumed)																		
Total Foods	527	100.0%	1,020	100.0%	1,817	100.0%	Total Foods	28	100.0%	57	100.0%	108	100.0%					
Total Dairy	144	27.3%	378	37.0%	728	40.1%	Total Dairy	8	27.3%	21	36.6%	43	40.3%					
Total Meats	53	10.0%	72	7.0%	94	5.2%	Total Meats	3	10.4%	4	7.1%	5	4.8%					
Total Fish	3	0.6%	5	0.5%	9	0.5%	Total Fish	0.14	0.5%	0.27	0.5%	0.43	0.4%					
Total Eggs	11	2.0%	15	1.5%	24	1.3%	Total Eggs	0.59	2.1%	0.92	1.6%	1	1.1%					
Total Grains	76	14.4%	103	10.1%	132	7.3%	Total Grains	4	14.0%	6	9.9%	8	7.1%					
Total Vegetables	117	22.3%	163	16.0%	233	12.8%	Total Vegetables	6	22.0%	9	16.0%	14	12.5%					
Total Fruits	76	14.4%	216	21.2%	509	28.0%	Total Fruits	4	15.2%	13	22.1%	31	29.0%					
Total Fats ^a	34	6.5%	50	4.9%	68	3.7%	Total Fats ^a	2	6.4%	3	4.8%	4	3.7%					
Age 6 to <11 years (g/day, as consumed)																		
Total Foods	565	100.0%	1,060	100.0%	1,886	100.0%	Total Foods	16	100.0%	38	100.0%	73	100.0%					
Total Dairy	147	26.1%	370	34.9%	766	40.6%	Total Dairy	4	26.2%	15	38.6%	30	40.8%					
Total Meats	65	11.4%	95	9.0%	104	5.5%	Total Meats	2	11.9%	3	8.1%	4	5.9%					
Total Fish	2	0.3%	6	0.6%	10	0.5%	Total Fish	0.075	0.5%	0.20	0.5%	0.28	0.4%					
Total Eggs	10	1.7%	16	1.5%	22	1.2%	Total Eggs	0.28	1.8%	0.62	1.6%	0.95	1.3%					
Total Grains	89	15.8%	116	10.9%	157	8.3%	Total Grains	2	14.7%	4	10.8%	7	9.0%					
Total Vegetables	136	24.1%	203	19.2%	294	15.6%	Total Vegetables	4	24.7%	7	18.0%	11	15.5%					
Total Fruits	66	11.6%	178	16.8%	426	22.6%	Total Fruits	2	11.2%	6	14.9%	15	21.2%					
Total Fats ^a	39	6.8%	58	5.5%	76	4.0%	Total Fats ^a	1	7.3%	2	5.3%	3	4.3%					
Age 11 to <16 years (g/day, as consumed)																		
Total Foods	513	100.0%	1,127	100.0%	2,256	100.0%	Total Foods	8	100.0%	22	100.0%	46	100.0%					
Total Dairy	92	17.9%	308	27.3%	808	35.8%	Total Dairy	1	17.3%	6	26.9%	18	38.4%					
Total Meats	71	13.9%	116	10.3%	172	7.6%	Total Meats	1	14.7%	2	10.3%	3	7.0%					
Total Fish	4	0.8%	7	0.6%	16	0.7%	Total Fish	0.072	0.9%	0.19	0.8%	0.38	0.8%					
Total Eggs	10	1.9%	20	1.8%	28	1.2%	Total Eggs	0.15	1.8%	0.49	2.2%	0.61	1.3%					
Total Grains	84	16.3%	133	11.8%	207	9.2%	Total Grains	1	16.6%	3	11.7%	4	9.3%					
Total Vegetables	162	31.6%	258	22.9%	459	20.3%	Total Vegetables	3	31.7%	5	23.4%	9	18.4%					
Total Fruits	42	8.2%	203	18.0%	420	18.6%	Total Fruits	0.60	7.2%	4	17.4%	8	18.2%					
Total Fats ^a	40	7.8%	64	5.7%	114	5.0%	Total Fats ^a	0.70	8.3%	1	5.9%	2	4.8%					



Table 14-6. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Food Intake (continued)

Food Group	Age 16 to <21 years (g/day, as consumed)			Food Group	Age 16 to <21 years (g/kg-day, as consumed)			High-end Consumers	Mid-range Consumers	Low-end Consumers
	Intake	Percent	Intake		Intake	Percent	Intake			
Age 16 to <21 years (g/day, as consumed)										
Total Foods	438	100.0%	1,060	100.0%	2,590	100.0%	Total Foods	6	100.0%	16
Total Dairy	56	12.8%	219	20.7%	759	29.3%	Total Dairy	0.76	12.2%	4
Total Meats	61	14.0%	141	13.3%	272	10.5%	Total Meats	0.97	15.6%	2
Total Fish	7	1.5%	11	1.1%	14	0.5%	Total Fish	0.10	1.7%	0.15
Total Eggs	8	1.9%	17	1.6%	29	1.1%	Total Eggs	0.11	1.8%	0.24
Total Grains	67	15.2%	138	13.0%	241	9.3%	Total Grains	0.92	14.8%	2
Total Vegetables	148	33.8%	312	29.4%	620	23.9%	Total Vegetables	2	34.0%	5
Total Fruits	48	11.0%	138	13.1%	487	18.8%	Total Fruits	0.64	10.2%	2
Total Fats ^a	33	7.6%	72	6.8%	136	5.3%	Total Fats ^a	0.50	8.1%	1
^a Includes added fats such as butter, margarine, dressings and sauces, vegetable oil, etc.; does not include fats eaten as components of other foods such as meats.										

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFII.



Table 14-7. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Meat Intake

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Low-end Consumers	Mid-range Consumers		High-end Consumers		
	Intake	Percent	Intake	Percent	Intake	Percent			Intake	Percent	Intake	Percent	
Age Birth to <1 month (g/day, as consumed) ^b													
Total Foods	67	100.0%	-	-	-	-	Total Foods	20	100.0%	-	-	-	
Total Dairy	41	61.5%	-	-	-	-	Total Dairy	12	61.6%	-	-	-	
Total Meats	0	0.0%	-	-	-	-	Total Meats	0	0.0%	-	-	-	
Total Fish	0	0.0%	-	-	-	-	Total Fish	0	0.0%	-	-	-	
Total Eggs	0	0.0%	-	-	-	-	Total Eggs	0	0.0%	-	-	-	
Total Grains	0.44	0.7%	-	-	-	-	Total Grains	0.14	0.7%	-	-	-	
Total Vegetables	5	7.7%	-	-	-	-	Total Vegetables	2	7.7%	-	-	-	
Total Fruits	0.88	1.3%	-	-	-	-	Total Fruits	0.21	1.1%	-	-	-	
Total Fats ^a	19	28.3%	-	-	-	-	Total Fats ^a	6	28.4%	-	-	-	
Age 1 to <3 months (g/day, as consumed) ^c													
Total Foods	79	100.0%	-	-	149	100.0%	Total Foods	16	100.0%	-	-	47	100.0%
Total Dairy	37	46.4%	-	-	103	68.9%	Total Dairy	8	47.9%	-	-	32	68.9%
Total Meats	0	0.0%	-	-	1	0.7%	Total Meats	0	0.0%	-	-	0.33	0.7%
Total Fish	0	0.0%	-	-	0	0.0%	Total Fish	0	0.0%	-	-	0	0.0%
Total Eggs	0	0.0%	-	-	0	0.0%	Total Eggs	0	0.0%	-	-	0	0.0%
Total Grains	0	1.5%	-	-	0.18	0.1%	Total Grains	0.23	1.4%	-	-	0.06	0.1%
Total Vegetables	15	18.6%	-	-	3	2.1%	Total Vegetables	3	16.8%	-	-	0.97	2.1%
Total Fruits	4	5.2%	-	-	0	0.0%	Total Fruits	0.91	5.6%	-	-	0	0.0%
Total Fats ^a	21	26.4%	-	-	42	28.2%	Total Fats ^a	4	26.5%	-	-	13	28.2%
Age 3 to <6 months (g/day, as consumed) ^d													
Total Foods	181	100.0%	-	-	316	100.0%	Total Foods	26	100.0%	-	-	41	100.0%
Total Dairy	55	30.1%	-	-	62	19.7%	Total Dairy	8	30.6%	-	-	8	20.5%
Total Meats	0	0.0%	-	-	16	4.9%	Total Meats	0	0.0%	-	-	2	4.9%
Total Fish	0	0.0%	-	-	0.44	0.1%	Total Fish	0	0.0%	-	-	0.055	0.1%
Total Eggs	0.092	0.1%	-	-	1	0.5%	Total Eggs	0.012	0.0%	-	-	0.13	0.3%
Total Grains	7	3.7%	-	-	16	5.0%	Total Grains	0.97	3.7%	-	-	2	4.8%
Total Vegetables	31	17.0%	-	-	56	17.9%	Total Vegetables	4	16.9%	-	-	7	17.6%
Total Fruits	59	32.9%	-	-	133	42.3%	Total Fruits	8	32.2%	-	-	17	41.7%
Total Fats ^a	28	15.3%	-	-	28	8.9%	Total Fats ^a	4	15.6%	-	-	4	9.2%



Table 14-7. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Meat Intake (continued)

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Food Group			Low-end Consumers			Mid-range Consumers			High-end Consumers		
	Intake	Percent	Age 6 to <12 months (g/day, as consumed)	Intake	Percent	Age 6 to <12 months (g/day, as consumed)	Intake	Percent	Age 6 to <12 months (g/day, as consumed)	Intake	Percent	Age 6 to <12 months (g/kg-day, as consumed)	Intake	Percent	Age 6 to <12 months (g/kg-day, as consumed)	Intake	Percent	Age 6 to <12 months (g/kg-day, as consumed)	Intake	Percent	
Total Foods	347	100.0%	466	100.0%	922	100.0%	Total Foods	40	100.0%	48	100.0%	99	100.0%	90	100.0%	41	41.1%	41	100.0%		
Total Dairy	80	23.0%	108	23.2%	384	41.6%	Total Dairy	9	22.6%	11	23.9%	9	9.3%	11	23.9%	41	41.1%	9	9.3%		
Total Meats	0	0.0%	14	2.9%	85	9.3%	Total Meats	0	0.0%	1	3.0%	0	0.0%	1	3.0%	0	0.0%	0	0.0%		
Total Fish	0.13	0.0%	0.34	0.1%	0.19	0.0%	Total Fish	0.016	0.0%	0.053	0.1%	0	0.0%	0.053	0.1%	0	0.0%	0	0.0%		
Total Eggs	2	0.5%	3	0.6%	11	1.2%	Total Eggs	0.19	0.5%	0.45	1.0%	0.91	0.9%	0.19	0.5%	0.45	1.0%	0.91	0.9%		
Total Grains	24	6.8%	29	6.2%	51	5.6%	Total Grains	3	6.6%	3	6.0%	6	5.8%	3	6.6%	3	6.0%	6	5.8%		
Total Vegetables	69	19.8%	116	24.8%	135	14.7%	Total Vegetables	8	19.7%	10	21.9%	15	15.4%	8	19.7%	10	21.9%	15	15.4%		
Total Fruits	143	41.3%	162	34.8%	216	23.4%	Total Fruits	17	41.9%	17	36.5%	23	23.1%	17	41.9%	17	36.5%	23	23.1%		
Total Fats ^a	27	7.7%	31	6.7%	43	4.6%	Total Fats ^a	3	7.8%	3	7.1%	5	4.6%	3	7.8%	3	7.1%	5	4.6%		
Age 1 to <2 years (g/day, as consumed)																					
Total Foods	921	100.0%	992	100.0%	1,229	100.0%	Total Foods	82	100.0%	90	100.0%	108	100.0%	90	100.0%	43	40.1%	43	100.0%		
Total Dairy	464	50.4%	483	48.7%	460	37.4%	Total Dairy	41	49.9%	46	50.5%	11	10.0%	41	49.9%	46	50.5%	11	10.0%		
Total Meats	2	0.2%	39	4.0%	128	10.4%	Total Meats	0.15	0.2%	3	3.8%	0.49	0.5%	0.15	0.2%	3	3.8%	0.49	0.5%		
Total Fish	3	0.3%	2	0.2%	6	0.5%	Total Fish	0.24	0.3%	0.25	0.3%	0.49	0.5%	0.24	0.3%	0.25	0.3%	0.49	0.5%		
Total Eggs	8	0.9%	14	1.5%	24	1.9%	Total Eggs	0.65	0.8%	1	1.4%	2	1.9%	0.65	0.8%	1	1.4%	2	1.9%		
Total Grains	56	6.1%	64	6.5%	78	6.4%	Total Grains	5	6.1%	6	6.1%	7	6.9%	5	6.1%	6	6.1%	7	6.9%		
Total Vegetables	97	10.5%	113	11.3%	189	15.4%	Total Vegetables	9	11.1%	10	10.8%	16	15.1%	9	11.1%	10	10.8%	16	15.1%		
Total Fruits	250	27.2%	228	23.0%	290	23.6%	Total Fruits	22	22.7%	21	22.7%	22	20.8%	22	22.7%	21	22.7%	22	20.8%		
Total Fats ^a	30	3.3%	38	3.8%	57	4.6%	Total Fats ^a	3	3.3%	3	3.8%	5	4.7%	3	3.3%	3	3.8%	5	4.7%		
Age 2 to <3 years (g/day, as consumed)																					
Total Foods	950	100.0%	947	100.0%	1,131	100.0%	Total Foods	71	100.0%	68	100.0%	83	100.0%	71	100.0%	26	37.7%	27	32.3%		
Total Dairy	426	44.9%	373	39.3%	374	33.0%	Total Dairy	31	44.2%	26	37.7%	10	12.4%	31	44.2%	26	37.7%	10	12.4%		
Total Meats	7	0.7%	52	5.4%	148	13.1%	Total Meats	0.51	0.7%	4	5.5%	0.20	0.2%	0.51	0.7%	4	5.5%	0.20	0.2%		
Total Fish	4	0.5%	4	0.5%	2	0.2%	Total Fish	0.34	0.5%	0.18	0.3%	2	1.8%	0.34	0.5%	0.18	0.3%	2	1.8%		
Total Eggs	12	1.3%	18	1.9%	21	1.9%	Total Eggs	0.94	1.3%	0.92	1.3%	2	8.1%	0.94	1.3%	0.92	1.3%	2	8.1%		
Total Grains	73	7.7%	76	8.1%	90	8.0%	Total Grains	6	7.8%	6	8.3%	7	8.1%	6	7.8%	6	8.3%	7	8.1%		
Total Vegetables	104	10.9%	146	15.4%	202	17.9%	Total Vegetables	8	11.1%	10	15.1%	14	16.8%	8	11.1%	10	15.1%	14	16.8%		
Total Fruits	279	29.4%	226	23.8%	232	20.5%	Total Fruits	21	29.6%	18	26.7%	19	23.1%	21	29.6%	18	26.7%	19	23.1%		
Total Fats ^a	29	3.0%	40	4.2%	62	5.5%	Total Fats ^a	2	3.1%	3	4.0%	4	5.2%	2	3.1%	3	4.0%	4	5.2%		



Table 14-7. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Meat Intake (continued)

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Food Group	Low-end Consumers			Mid-range Consumers			Food Group	Age 3 to <6 years (g/day, as consumed)			Age 3 to <6 years (g/kg-day, as consumed)		
	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake		Intake	Percent	Intake	Percent	Intake	Percent		Intake	Percent	Intake	Percent		
Age 3 to <6 years (g/day, as consumed)																							
Total Foods	991	100.0%	1,037	100.0%	1,246	100.0%	Total Foods	57	100.0%	59	100.0%	74	100.0%	74	100.0%	Total Foods	57	100.0%	59	100.0%			
Total Dairy	419	42.3%	376	36.3%	389	31.2%	Total Dairy	24	42.1%	23	38.2%	23	31.3%	23	31.3%	Total Dairy	24	42.1%	23	38.2%			
Total Meats	10	1.0%	65	6.3%	176	14.1%	Total Meats	0.56	1.0%	4	6.0%	10	13.4%	10	13.4%	Total Meats	0.56	1.0%	4	6.0%			
Total Fish	7	0.7%	6	0.5%	4	0.3%	Total Fish	0.35	0.6%	0.29	0.5%	0.21	0.3%	0.21	0.3%	Total Fish	0.35	0.6%	0.29	0.5%			
Total Eggs	10	1.0%	16	1.5%	24	1.9%	Total Eggs	0.56	1.0%	0.81	1.4%	1	2.0%	1	2.0%	Total Eggs	0.56	1.0%	0.81	1.4%			
Total Grains	98	9.9%	101	9.8%	117	9.4%	Total Grains	6	9.9%	6	9.5%	7	9.4%	7	9.4%	Total Grains	6	9.9%	6	9.5%			
Total Vegetables	128	13.0%	170	16.4%	217	17.4%	Total Vegetables	7	13.0%	9	15.8%	13	17.5%	13	17.5%	Total Vegetables	7	13.0%	9	15.8%			
Total Fruits	257	25.9%	238	22.9%	243	19.5%	Total Fruits	15	26.1%	13	22.0%	15	20.1%	15	20.1%	Total Fruits	15	26.1%	13	22.0%			
Total Fats ^a	35	3.6%	48	4.7%	73	5.9%	Total Fats ^a	2	3.6%	3	4.8%	4	5.7%	4	5.7%	Total Fats ^a	2	3.6%	3	4.8%			
Age 6 to <11 years (g/day, as consumed)																							
Total Foods	1028	100.0%	1,087	100.0%	1,300	100.0%	Total Foods	36	100.0%	39	100.0%	51	100.0%	51	100.0%	Total Foods	36	100.0%	39	100.0%			
Total Dairy	424	41.3%	386	35.5%	382	29.4%	Total Dairy	15	41.5%	15	38.7%	15	29.7%	15	29.7%	Total Dairy	15	41.5%	15	38.7%			
Total Meats	11	1.1%	79	7.3%	206	15.8%	Total Meats	0.38	1.0%	3	7.0%	8	14.8%	8	14.8%	Total Meats	0.38	1.0%	3	7.0%			
Total Fish	6	0.6%	5	0.5%	4	0.3%	Total Fish	0.31	0.9%	0.32	0.8%	0.15	0.3%	0.15	0.3%	Total Fish	0.31	0.9%	0.32	0.8%			
Total Eggs	13	1.3%	15	1.4%	17	1.3%	Total Eggs	0.44	1.2%	0.42	1.1%	0.75	1.5%	0.75	1.5%	Total Eggs	0.44	1.2%	0.42	1.1%			
Total Grains	121	11.8%	117	10.7%	136	10.4%	Total Grains	4	11.5%	4	10.7%	5	10.4%	5	10.4%	Total Grains	4	11.5%	4	10.7%			
Total Vegetables	164	16.0%	212	19.5%	270	20.7%	Total Vegetables	5	15.1%	7	19.1%	10	20.2%	10	20.2%	Total Vegetables	5	15.1%	7	19.1%			
Total Fruits	214	20.8%	191	17.6%	198	15.2%	Total Fruits	8	21.7%	6	15.6%	8	16.5%	8	16.5%	Total Fruits	8	21.7%	6	15.6%			
Total Fats ^a	40	3.9%	59	5.4%	81	6.2%	Total Fats ^a	1	3.8%	2	5.1%	3	6.0%	3	6.0%	Total Fats ^a	1	3.8%	2	5.1%			
Age 11 to <16 years (g/day, as consumed)																							
Total Foods	1043	100.0%	1,194	100.0%	1,606	100.0%	Total Foods	19	100.0%	22	100.0%	33	100.0%	33	100.0%	Total Foods	19	100.0%	22	100.0%			
Total Dairy	342	32.8%	377	31.6%	435	27.1%	Total Dairy	6	31.5%	6	27.0%	10	29.7%	10	29.7%	Total Dairy	6	31.5%	6	27.0%			
Total Meats	17	1.6%	101	8.5%	268	16.7%	Total Meats	0.31	1.6%	2	8.8%	5	16.3%	5	16.3%	Total Meats	0.31	1.6%	2	8.8%			
Total Fish	13	1.3%	7	0.6%	7	0.4%	Total Fish	0.28	1.5%	0.12	0.5%	0.16	0.5%	0.16	0.5%	Total Fish	0.28	1.5%	0.12	0.5%			
Total Eggs	17	1.6%	13	1.1%	21	1.3%	Total Eggs	0.28	1.5%	0.29	1.3%	0.45	1.4%	0.45	1.4%	Total Eggs	0.28	1.5%	0.29	1.3%			
Total Grains	116	11.1%	144	12.1%	159	9.9%	Total Grains	2	11.6%	3	11.7%	3	10.0%	3	10.0%	Total Grains	2	11.6%	3	11.7%			
Total Vegetables	227	21.7%	260	21.8%	404	25.2%	Total Vegetables	4	22.2%	5	24.1%	8	23.3%	8	23.3%	Total Vegetables	4	22.2%	5	24.1%			
Total Fruits	238	22.8%	202	16.9%	204	12.7%	Total Fruits	4	23.1%	4	18.9%	4	11.7%	4	11.7%	Total Fruits	4	23.1%	4	18.9%			
Total Fats ^a	44	4.2%	67	5.6%	106	6.6%	Total Fats ^a	0.83	4.4%	1	5.7%	2	6.7%	2	6.7%	Total Fats ^a	0.83	4.4%	1	5.7%			



Table 14-7. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Meat Intake (continued)

Food Group	Age 16 to <21 years (g/day, as consumed)			Age 16 to <21 years (g/kg/day, as consumed)		
	Low-end Consumers Intake	Percent	Mid-range Consumers Intake	Percent	High-end Consumers Intake	Percent
Total Foods						
Total Dairy	922	100.0%	1,084	100.0%	1,957	100.0%
Total Meats	307	33.3%	280	25.8%	403	20.6%
Total Fish	12	1.3%	115	10.6%	385	19.7%
Total Eggs	20	2.1%	9	0.9%	12	0.6%
Total Grains	14	1.5%	15	1.4%	31	1.6%
Total Vegetables	131	14.2%	147	13.6%	231	11.8%
Total Fruits	21.5	23.3%	287	26.5%	532	27.2%
Total Fats ^a	151	16.4%	147	13.5%	226	11.6%
Total Fats ^a	42	4.5%	73	6.7%	139	7.1%
Food Group						
Total Foods					1.5	100.0%
Total Dairy					4	30.3%
Total Meats					0.19	1.3%
Total Fish					0.32	2.2%
Total Eggs					0.21	1.4%
Total Grains					2	14.5%
Total Vegetables					4	24.6%
Total Fruits					3	17.8%
Total Fats ^a					0.67	4.6%
Age 16 to <21 years (g/kg/day, as consumed)						
Low-end Consumers					18	100.0%
Mid-range Consumers					4	24.0%
High-end Consumers					2	9.6%
Low-end Consumers					0.18	1.0%
Mid-range Consumers					0.35	1.9%
High-end Consumers					0.46	0.4%
Low-end Consumers					2	12.8%
Mid-range Consumers					3	12.3%
High-end Consumers					8	28.9%
Low-end Consumers					3	15.7%
Mid-range Consumers					1	6.2%
High-end Consumers					2	6.5%

^a Includes added fats such as butter, margarine, dressings and sauces, vegetable oil, etc.; does not include fats eaten as components of other foods such as meats.

^b All individuals in this sample group consumed 0 grams/day of meat. Therefore, results are reported in the low-end decile.

^c Only one individual in this sample group consumed more than 0 grams/day of meat. This result is reported in the high-end decile. All other samples are reported in the low-end decile.

^d All individuals in this sample group below the 89th percentile consumed 0 grams/day of meat. Therefore, only high-end and low-end consumer groups are reported.

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFII.



Table 14-8. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Meat and Dairy Intake

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Intake	Percent	Low-end Consumers		Age Birth to <1 month (g/kg-day, as consumed)	Age Birth to <1 month (g/kg-day, as consumed)	Mid-range Consumers		High-end Consumers
	Intake	Percent	Intake	Percent	Intake	Percent				Intake	Percent			Intake	Percent	
Age Birth to <1 month (g/day, as consumed)																
Total Foods	12	100.0%	60	100.0%	185	100.0%	Total Foods	4	100.0%	18	100.0%	56	100.0%			
Total Dairy	0	0.0%	40	67.3%	127	69.0%	Total Dairy	0	0.0%	12	67.1%	39	69.0%			
Total Meats	0	0.0%	0	0.0%	0	0.0%	Total Meats	0	0.0%	0	0.0%	0	0.0%			
Total Fish	0	0.0%	0	0.0%	0	0.0%	Total Fish	0	0.0%	0	0.0%	0	0.0%			
Total Eggs	0	0.0%	0	0.0%	0	0.0%	Total Eggs	0	0.0%	0	0.0%	0	0.0%			
Total Grains	0.031	0.3%	0	0.0%	4	2.2%	Total Grains	0.0086	0.2%	0	0.0%	1	2.1%			
Total Vegetables	8	66.1%	2	3.4%	0.78	0.4%	Total Vegetables	2	64.4%	0.65	3.7%	0.26	0.5%			
Total Fruits	0	0.0%	0	0.0%	0	0.0%	Total Fruits	0	0.0%	0	0.0%	0	0.0%			
Total Fats ^a	3	27.1%	18	29.2%	52	28.4%	Total Fats ^a	1	27.5%	5	29.2%	16	28.4%			
Age 1 to <3 months (g/day, as consumed)																
Total Foods	36	100.0%	84	100.0%	166	100.0%	Total Foods	7	100.0%	14	100.0%	41	100.0%			
Total Dairy	0	0.0%	19	22.4%	109	65.6%	Total Dairy	0	0.0%	3	24.0%	26	64.1%			
Total Meats	0	0.0%	0	0.0%	0.037	0.0%	Total Meats	0	0.0%	0	0.0%	0.012	0.0%			
Total Fish	0	0.0%	0	0.0%	0	0.0%	Total Fish	0	0.0%	0	0.0%	0	0.0%			
Total Eggs	0	0.0%	0	0.0%	0	0.0%	Total Eggs	0	0.0%	0	0.0%	0	0.0%			
Total Grains	0.32	0.9%	1	1.2%	1	0.8%	Total Grains	0.054	0.8%	0.29	2.0%	0.26	0.6%			
Total Vegetables	21	58.8%	42	50.7%	4	2.7%	Total Vegetables	4	57.8%	7	48.7%	0.43	1.1%			
Total Fruits	2	4.3%	0.034	0.0%	6	3.7%	Total Fruits	0.37	5.4%	0.0067	0.0%	3	7.7%			
Total Fats ^a	10	26.7%	21	25.4%	45	27.2%	Total Fats ^a	2	26.4%	4	25.0%	11	26.5%			
Age 3 to <6 months (g/day, as consumed)																
Total Foods	121	100.0%	204	100.0%	334	100.0%	Total Foods	17	100.0%	30	100.0%	45	100.0%			
Total Dairy	0	0.0%	60	29.7%	159	47.7%	Total Dairy	0	0.0%	8	26.5%	24	53.4%			
Total Meats	0	0.0%	0.55	0.3%	5	1.4%	Total Meats	0	0.0%	0.19	0.6%	0.57	1.3%			
Total Fish	0	0.0%	0	0.0%	0.43	0.1%	Total Fish	0	0.0%	0	0.0%	0.056	0.1%			
Total Eggs	0	0.0%	0.30	0.1%	0.64	0.2%	Total Eggs	0	0.0%	0.10	0.3%	0.057	0.1%			
Total Grains	5	4.5%	7	3.2%	12	3.7%	Total Grains	0.78	4.5%	1	3.7%	2	3.6%			
Total Vegetables	44	36.4%	29	14.5%	27	8.0%	Total Vegetables	6	37.1%	3	11.2%	2	5.3%			
Total Fruits	52	42.9%	80	39.0%	74	22.3%	Total Fruits	7	41.7%	14	46.0%	8	17.3%			
Total Fats ^a	15	12.3%	27	13.2%	54	16.3%	Total Fats ^a	2	12.6%	3	11.4%	8	18.7%			



Table 14-8. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Meat and Dairy Intake (continued)

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Food Group	Age 6 to <12 months (g/day, as consumed)			Age 6 to <12 months (g/kg-day, as consumed)		
	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake		Intake	Percent	Intake	Percent	Intake	Percent
<i>Age 6 to <12 months (g/day, as consumed)</i>																
Total Foods	253	100.0%	403	100.0%	1,284	100.0%	Total Foods	29	100.0%	43	100.0%	135	100.0%			
Total Dairy	1	0.5%	71	17.6%	827	64.5%	Total Dairy	0.12	0.4%	8	18.0%	87	64.2%			
Total Meats	0.68	0.3%	17	4.1%	45	3.5%	Total Meats	0.083	0.3%	2	4.7%	5	3.3%			
Total Fish	0	0.0%	1	0.4%	0.28	0.0%	Total Fish	0	0.0%	0.14	0.3%	0.029	0.0%			
Total Eggs	3	1.0%	3	0.7%	7	0.5%	Total Eggs	0.32	1.1%	0.39	0.9%	0.66	0.5%			
Total Grains	22	8.5%	32	8.0%	45	3.5%	Total Grains	2	8.0%	3	7.1%	5	3.5%			
Total Vegetables	95	37.7%	82	20.3%	108	8.4%	Total Vegetables	11	38.2%	9	20.0%	12	8.6%			
Total Fruits	110	43.4%	166	41.1%	209	16.3%	Total Fruits	13	43.4%	17	40.4%	22	16.6%			
Total Fats ^a	17	6.7%	32	8.0%	41	3.2%	Total Fats ^a	2	6.7%	4	8.3%	4	3.2%			
<i>Age 1 to <2 years (g/day, as consumed)</i>																
Total Foods	569	100.0%	1,014	100.0%	1,687	100.0%	Total Foods	51	100.0%	82	100.0%	155	100.0%			
Total Dairy	46	8.0%	456	45.0%	1,165	69.0%	Total Dairy	4	7.7%	38	45.6%	106	68.2%			
Total Meats	30	5.2%	43	4.2%	52	3.1%	Total Meats	3	5.5%	4	5.3%	4	2.8%			
Total Fish	2	0.4%	2	0.2%	3	0.2%	Total Fish	0.13	0.2%	0.22	0.3%	0.20	0.1%			
Total Eggs	12	2.0%	13	1.3%	19	1.1%	Total Eggs	1	2.1%	1	1.6%	1	0.9%			
Total Grains	54	9.5%	64	6.3%	65	3.8%	Total Grains	5	9.5%	6	7.2%	6	3.7%			
Total Vegetables	128	22.5%	114	11.3%	111	6.6%	Total Vegetables	11	22.2%	11	13.0%	11	6.9%			
Total Fruits	264	46.4%	278	27.4%	209	12.4%	Total Fruits	24	46.6%	19	22.7%	21	13.7%			
Total Fats ^a	25	4.5%	36	3.6%	59	3.5%	Total Fats ^a	2	4.5%	3	3.8%	5	3.4%			
<i>Age 2 to <3 years (g/day, as consumed)</i>																
Total Foods	641	100.0%	981	100.0%	1,546	100.0%	Total Foods	46	100.0%	73	100.0%	114	100.0%			
Total Dairy	57	9.0%	348	35.5%	883	57.1%	Total Dairy	4	8.2%	24	32.6%	67	58.3%			
Total Meats	45	6.9%	59	6.0%	60	3.9%	Total Meats	3	7.4%	5	6.5%	4	3.8%			
Total Fish	4	0.6%	3	0.3%	4	0.3%	Total Fish	0.19	0.4%	0.25	0.3%	0.28	0.2%			
Total Eggs	21	3.2%	18	1.9%	20	1.3%	Total Eggs	1	3.2%	1	1.6%	2	1.3%			
Total Grains	75	11.8%	86	8.7%	86	5.6%	Total Grains	5	11.6%	6	8.7%	7	5.7%			
Total Vegetables	155	24.1%	148	15.1%	143	9.2%	Total Vegetables	11	23.6%	11	14.9%	11	9.5%			
Total Fruits	240	37.5%	264	26.9%	286	18.5%	Total Fruits	18	38.7%	22	29.9%	19	16.6%			
Total Fats ^a	32	5.0%	42	4.3%	55	3.6%	Total Fats ^a	2	5.2%	3	4.3%	4	3.7%			



Table 14-8. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Meat and Dairy Intake (continued)

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Intake	Percent	Age 3 to <6 years (g/day, as consumed)			Intake	Percent	Age 3 to <6 years (g/kg-day, as consumed)			Intake	Percent	High-end Consumers		
	Intake	Percent	Intake	Percent	Intake	Percent				Intake	Percent	Intake	Percent		Intake	Percent	Intake	Percent				
Age 3 to <6 years (g/day, as consumed)																						
Total Foods	702	100.0%	1,043	100.0%	1,646	100.0%	Total Foods	39	100.0%	59	100.0%	97	100.0%									
Total Dairy	75	10.7%	352	33.8%	878	53.3%	Total Dairy	4	10.8%	20	33.6%	52	53.1%									
Total Meats	52	7.5%	79	7.6%	88	5.4%	Total Meats	3	7.6%	4	7.1%	5	5.2%									
Total Fish	5	0.7%	5	0.5%	5	0.3%	Total Fish	0.33	0.8%	0.22	0.4%	0.28	0.3%									
Total Eggs	15	2.2%	16	1.5%	19	1.2%	Total Eggs	0.87	2.2%	0.93	1.6%	0.97	1.0%									
Total Grains	85	12.0%	107	10.2%	121	7.3%	Total Grains	5	12.0%	6	10.0%	7	7.2%									
Total Vegetables	159	22.6%	167	16.0%	191	11.6%	Total Vegetables	9	22.7%	10	16.1%	11	11.7%									
Total Fruits	258	36.7%	251	24.1%	259	15.8%	Total Fruits	14	36.1%	15	25.0%	16	16.2%									
Total Fats ^a	35	5.0%	51	4.9%	67	4.1%	Total Fats ^a	2	5.1%	3	4.7%	4	4.1%									
Age 6 to <11 years (g/day, as consumed)																						
Total Foods	725	100.0%	1,061	100.0%	1,727	100.0%	Total Foods	21	100.0%	38	100.0%	68	100.0%									
Total Dairy	76	10.5%	366	34.5%	883	51.1%	Total Dairy	2	11.6%	13	34.8%	35	51.0%									
Total Meats	66	9.2%	91	8.6%	105	6.1%	Total Meats	2	9.9%	3	8.2%	4	5.9%									
Total Fish	6	0.8%	7	0.7%	6	0.3%	Total Fish	0.18	0.8%	0.22	0.6%	0.24	0.4%									
Total Eggs	16	2.3%	17	1.6%	18	1.1%	Total Eggs	0.52	2.4%	0.52	1.4%	0.70	1.0%									
Total Grains	101	13.9%	116	10.9%	151	8.7%	Total Grains	3	14.1%	4	10.9%	6	9.2%									
Total Vegetables	202	27.9%	205	19.4%	245	14.2%	Total Vegetables	6	27.0%	7	18.7%	10	14.1%									
Total Fruits	198	27.3%	178	16.7%	221	12.8%	Total Fruits	6	25.9%	7	17.8%	8	12.4%									
Total Fats ^a	43	6.0%	56	5.3%	73	4.2%	Total Fats ^a	1	6.2%	2	5.4%	3	4.4%									
Age 11 to <16 years (g/day, as consumed)																						
Total Foods	727	100.0%	1,111	100.0%	2,045	100.0%	Total Foods	12	100.0%	23	100.0%	43	100.0%									
Total Dairy	38	5.2%	299	26.9%	1,004	49.1%	Total Dairy	0.59	4.9%	6	26.0%	21	47.9%									
Total Meats	58	8.0%	118	10.6%	161	7.9%	Total Meats	1	9.3%	2	10.9%	3	7.5%									
Total Fish	10	1.4%	11	1.0%	12	0.6%	Total Fish	0.15	1.3%	0.14	0.6%	0.35	0.8%									
Total Eggs	16	2.2%	22	2.0%	26	1.3%	Total Eggs	0.30	2.5%	0.34	1.5%	0.52	1.2%									
Total Grains	103	14.2%	137	12.4%	181	8.9%	Total Grains	2	14.2%	3	11.5%	4	9.1%									
Total Vegetables	234	32.2%	265	23.9%	332	16.2%	Total Vegetables	4	32.4%	6	24.5%	7	15.5%									
Total Fruits	213	29.3%	176	15.8%	204	10.0%	Total Fruits	3	27.0%	4	17.1%	5	11.8%									
Total Fats ^a	42	5.8%	66	6.0%	104	5.1%	Total Fats ^a	0.75	6.3%	1	6.1%	2	4.9%									
Age 11 to <16 years (g/kg-day, as consumed)																						



Table 14-8. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Meat and Dairy Intake (continued)

Food Group	Age 16 to <21 years (g/day, as consumed)			Food Group	Age 16 to <21 years (g/kg-day, as consumed)			Food Group	Age 16 to <21 years (g/day, as consumed)		
	Intake	Percent	Intake		Intake	Percent	Intake		Intake	Percent	Intake
Total Foods											
Total Foods	61.0	100.0%	1,017	100.0%	2,379	100.0%	Total Foods	9	100.0%	15	100.0%
Total Dairy	22	3.5%	204	20.1%	923	38.8%	Total Dairy	0.35	3.8%	3	19.1%
Total Meats	42	6.8%	128	12.6%	256	10.8%	Total Meats	0.63	6.8%	2	13.4%
Total Fish	12	1.9%	12	1.2%	8	0.3%	Total Fish	0.17	1.8%	0.14	0.9%
Total Eggs	13	2.2%	19	1.8%	28	1.2%	Total Eggs	0.19	2.0%	0.28	1.8%
Total Grains	87	14.3%	140	13.8%	233	9.8%	Total Grains	1	14.6%	2	14.3%
Total Vegetables	202	33.1%	305	29.9%	492	20.7%	Total Vegetables	3	34.0%	5	30.4%
Total Fruits	177	29.1%	133	13.1%	282	11.9%	Total Fruits	3	28.1%	2	12.2%
Total Fats ^a	34	5.6%	68	6.6%	127	5.3%	Total Fats ^a	0.51	5.5%	1	6.8%
^a Includes added fats such as butter, margarine, dressings and sauces, vegetable oil, etc.; does not include fats eaten as components of other foods such as meats.											

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFII.



Table 14-9. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Fish Intake

Food Group	Low-end Consumers		Mid-Range Consumers		High-end Consumers		Food Group	Intake	Percent	Low-end Consumers	Intake	Percent	Mid-range Consumers	Intake	Percent	High-end Consumers	Intake	Percent
	Intake	Percent	Intake	Percent	Intake	Percent												
Age Birth to <1 month (g/day, as consumed) ^b																		
Total Foods	67	100.0%	-	-	-	-	Total Foods	20	100.0%	-	-	-	-	-	-	-	-	-
Total Dairy	41	61.5%	-	-	-	-	Total Dairy	12	61.6%	-	-	-	-	-	-	-	-	-
Total Meats	0	0.0%	-	-	-	-	Total Meats	0	0.0%	-	-	-	-	-	-	-	-	-
Total Fish	0	0.0%	-	-	-	-	Total Fish	0	0.0%	-	-	-	-	-	-	-	-	-
Total Eggs	0	0.0%	-	-	-	-	Total Eggs	0	0.0%	-	-	-	-	-	-	-	-	-
Total Grains	0.44	0.7%	-	-	-	-	Total Grains	0.14	0.7%	-	-	-	-	-	-	-	-	-
Total Vegetables	5	7.7%	-	-	-	-	Total Vegetables	2	7.7%	-	-	-	-	-	-	-	-	-
Total Fruits	0.88	1.3%	-	-	-	-	Total Fruits	0.21	1.1%	-	-	-	-	-	-	-	-	-
Total Fats ^a	19	28.3%	-	-	-	-	Total Fats ^a	6	28.4%	-	-	-	-	-	-	-	-	-
Age 1 to <3 months (g/day, as consumed) ^b																		
Total Foods	80	100.0%	-	-	-	-	Total Foods	16	100.0%	-	-	-	-	-	-	-	-	-
Total Dairy	37	46.5%	-	-	-	-	Total Dairy	8	48.2%	-	-	-	-	-	-	-	-	-
Total Meats	0	0.0%	-	-	-	-	Total Meats	0	0.0%	-	-	-	-	-	-	-	-	-
Total Fish	0	0.0%	-	-	-	-	Total Fish	0	0.0%	-	-	-	-	-	-	-	-	-
Total Eggs	0	0.0%	-	-	-	-	Total Eggs	0	0.0%	-	-	-	-	-	-	-	-	-
Total Grains	1	1.5%	-	-	-	-	Total Grains	0.23	1.4%	-	-	-	-	-	-	-	-	-
Total Vegetables	15	18.5%	-	-	-	-	Total Vegetables	3	16.6%	-	-	-	-	-	-	-	-	-
Total Fruits	4	5.2%	-	-	-	-	Total Fruits	0.90	5.5%	-	-	-	-	-	-	-	-	-
Total Fats ^a	21	26.4%	-	-	-	-	Total Fats ^a	4	26.5%	-	-	-	-	-	-	-	-	-
Age 3 to <6 months (g/day, as consumed) ^c																		
Total Foods	196	100.0%	-	-	410	100.0%	Total Foods	28	100.0%	-	-	-	-	-	-	-	53	100.0%
Total Dairy	55	28.3%	-	-	159	38.8%	Total Dairy	8	28.9%	-	-	-	-	-	-	-	21	38.8%
Total Meats	2	0.8%	-	-	28	6.8%	Total Meats	0.20	0.7%	-	-	-	-	-	-	-	4	6.8%
Total Fish	0	0.0%	-	-	17	4.1%	Total Fish	0	0.0%	-	-	-	-	-	-	-	2	4.1%
Total Eggs	0.22	0.1%	-	-	4	1.0%	Total Eggs	0.022	0.1%	-	-	-	-	-	-	-	0.52	1.0%
Total Grains	8	3.9%	-	-	47	11.5%	Total Grains	1	3.8%	-	-	-	-	-	-	-	6	11.5%
Total Vegetables	34	17.2%	-	-	34	8.3%	Total Vegetables	5	17.1%	-	-	-	-	-	-	-	4	8.3%
Total Fruits	68	34.7%	-	-	30	7.2%	Total Fruits	9	33.9%	-	-	-	-	-	-	-	4	7.2%
Total Fats ^a	28	14.1%	-	-	81	19.8%	Total Fats ^a	4	14.5%	-	-	-	-	-	-	-	11	19.8%



Table 14-9. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Fish intake (continued)

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers		
	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	
Age 6 to <12 months (g/day, as consumed) ^d																			
Total Foods	799	100.0%	-	-	770	100.0%	Total Foods	81	100.0%	-	-	74	100.0%						
Total Dairy	334.	41.8%	-	-	287	37.3%	Total Dairy	34	41.8%	-	-	27	37.1%						
Total Meats	38	4.7%	-	-	46	6.0%	Total Meats	4	4.7%	-	-	4	6.0%						
Total Fish	0	0.0%	-	-	7	0.9%	Total Fish	0	0.0%	-	-	0.63	0.9%						
Total Eggs	11	1.4%	-	-	14	1.9%	Total Eggs	1	1.4%	-	-	1	2.0%						
Total Grains	47	5.9%	-	-	66	8.6%	Total Grains	5	5.9%	-	-	6	8.4%						
Total Vegetables	101	12.6%	-	-	117	15.3%	Total Vegetables	10	12.6%	-	-	12	15.6%						
Total Fruits	227	28.4%	-	-	194	25.2%	Total Fruits	23	28.4%	-	-	19	25.2%						
Total Fats ^a	37	4.7%	-	-	36	4.7%	Total Fats ^a	4	4.7%	-	-	3	4.7%						
Age 1 to <2 years (g/day, as consumed) ^d																			
Total Foods	1032	100.0%	-	-	1,139	100.0%	Total Foods	90	100.0%	-	-	98	100.0%						
Total Dairy	496	48.1%	-	-	461	40.5%	Total Dairy	43	48.2%	-	-	41	42.4%						
Total Meats	46	4.5%	-	-	56	4.9%	Total Meats	4	4.4%	-	-	5	4.8%						
Total Fish	0	0.0%	-	-	26	2.3%	Total Fish	0	0.0%	-	-	2	2.2%						
Total Eggs	14	1.4%	-	-	19	1.7%	Total Eggs	1	1.3%	-	-	2	1.6%						
Total Grains	65	6.3%	-	-	76	6.7%	Total Grains	6	6.2%	-	-	7	6.7%						
Total Vegetables	118	11.4%	-	-	151	13.2%	Total Vegetables	10	11.4%	-	-	12	12.3%						
Total Fruits	247	24.0%	-	-	300	26.3%	Total Fruits	22	24.0%	-	-	25	25.5%						
Total Fats ^a	39	3.8%	-	-	43	3.8%	Total Fats ^a	3	3.8%	-	-	4	3.8%						
Age 2 to <3 years (g/day, as consumed) ^d																			
Total Foods	1015	100.0%	-	-	1,107	100.0%	Total Foods	73	100.0%	-	-	82	100.0%						
Total Dairy	381	37.6%	-	-	424	38.3%	Total Dairy	28	37.9%	-	-	31	37.6%						
Total Meats	62	6.1%	-	-	53	4.8%	Total Meats	4	6.0%	-	-	4	4.6%						
Total Fish	0	0.0%	-	-	31	2.8%	Total Fish	0	0.0%	-	-	2	2.9%						
Total Eggs	18	1.8%	-	-	17	1.6%	Total Eggs	1	1.7%	-	-	1	1.5%						
Total Grains	81	7.9%	-	-	84	7.6%	Total Grains	6	7.9%	-	-	6	7.5%						
Total Vegetables	144	14.2%	-	-	142	12.8%	Total Vegetables	10	14.1%	-	-	10	12.7%						
Total Fruits	276	27.2%	-	-	304	27.4%	Total Fruits	20	27.0%	-	-	23	28.5%						
Total Fats ^a	42	4.2%	-	-	43	3.9%	Total Fats ^a	3	4.2%	-	-	3	3.9%						



Table 14-9. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Fish Intake (continued)

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Low-end Consumers		Mid-range Consumers		Age 3 to <6 years (g/kg-day, as consumed) ^d		High-end Consumers	
	Intake	Percent	Intake	Percent	Intake	Percent		Intake	Percent	Intake	Percent	Intake	Percent		
Age 3 to <6 years (g/day, as consumed) ^d															
Total Foods	1,053	100.0%	-	-	1,156	100.0%	Total Foods	60	100.0%	-	-	-	-	66	100.0%
Total Dairy	390	37.1%	-	-	399	34.5%	Total Dairy	22	37.1%	-	-	-	-	22	33.9%
Total Meats	76	7.2%	-	-	62	5.3%	Total Meats	4	7.1%	-	-	-	-	3	5.3%
Total Fish	0	0.0%	-	-	43	3.7%	Total Fish	0	0.0%	-	-	-	-	2	3.7%
Total Eggs	16	1.5%	-	-	17	1.4%	Total Eggs	0.88	1.5%	-	-	-	-	1	1.6%
Total Grains	101	9.6%	-	-	103	8.9%	Total Grains	6	9.5%	-	-	-	-	6	9.0%
Total Vegetables	168	15.9%	-	-	193	16.7%	Total Vegetables	9	15.8%	-	-	-	-	11	16.9%
Total Fruits	237	22.5%	-	-	273	23.6%	Total Fruits	14	22.7%	-	-	-	-	16	23.8%
Total Fats ^a	50	4.8%	-	-	50	4.3%	Total Fats ^a	3	4.7%	-	-	-	-	3	4.3%
Age 6 to <11 years (g/day, as consumed) ^d															
Total Foods	1,109	100.0%	-	-	1,234	100.0%	Total Foods	40	100.0%	-	-	-	-	44	100.0%
Total Dairy	408	36.8%	-	-	430	34.8%	Total Dairy	15	37.0%	-	-	-	-	16	35.6%
Total Meats	89	8.0%	-	-	76	6.2%	Total Meats	3	7.9%	-	-	-	-	3	6.1%
Total Fish	0	0.0%	-	-	51	4.1%	Total Fish	0	0.0%	-	-	-	-	2	4.1%
Total Eggs	15	1.3%	-	-	22	1.8%	Total Eggs	0.53	1.3%	-	-	-	-	0.73	1.6%
Total Grains	119	10.7%	-	-	126	10.2%	Total Grains	4	10.7%	-	-	-	-	4	10.1%
Total Vegetables	208	18.8%	-	-	233	18.9%	Total Vegetables	7	18.5%	-	-	-	-	8	18.4%
Total Fruits	190	17.1%	-	-	218	17.7%	Total Fruits	7	17.3%	-	-	-	-	8	17.5%
Total Fats ^a	58	5.2%	-	-	61	4.9%	Total Fats ^a	2	5.2%	-	-	-	-	2	4.9%
Age 11 to <16 years (g/day, as consumed) ^d															
Total Foods	1,197	100.0%	-	-	1,378	100.0%	Total Foods	24	100.0%	-	-	-	-	28	100.0%
Total Dairy	372	31.1%	-	-	397	28.8%	Total Dairy	7	31.1%	-	-	-	-	9	30.9%
Total Meats	117	9.8%	-	-	104	7.5%	Total Meats	2	9.7%	-	-	-	-	2	6.9%
Total Fish	0	0.0%	-	-	72	5.2%	Total Fish	0	0.0%	-	-	-	-	1	4.9%
Total Eggs	17	1.4%	-	-	28	2.0%	Total Eggs	0.34	1.4%	-	-	-	-	0.52	1.9%
Total Grains	135	11.3%	-	-	146	10.6%	Total Grains	3	11.3%	-	-	-	-	3	10.5%
Total Vegetables	277	23.1%	-	-	310	22.5%	Total Vegetables	5	22.9%	-	-	-	-	6	21.1%
Total Fruits	190	15.8%	-	-	226	16.4%	Total Fruits	4	16.2%	-	-	-	-	5	17.1%
Total Fats ^a	69	5.8%	-	-	76	5.5%	Total Fats ^a	1	5.7%	-	-	-	-	1	5.2%



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Table 14-9. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Fish Intake (continued)

Food Group	Age 16 to <21 years (g/day, as consumed) ^d			Age 16 to <21 years (g/kg-day, as consumed) ^d		
	Low-end Consumers Intake	Percent	Mid-range Consumers Intake	Percent	High-end Consumers Intake	Percent
Total Foods						
Total Dairy	1,171	100.0%	-	-	1,339	100.0%
Total Meats	288	24.6%	-	-	261	19.5%
Total Fish	143	12.2%	-	-	139	10.4%
Total Eggs	0	0.0%	-	-	86	6.5%
Total Grains	20	1.7%	-	-	21	1.6%
Total Vegetables	146	12.5%	-	-	162	12.1%
Total Fruits	32.5	27.8%	-	-	357	26.6%
Total Fats ^a	160	13.7%	-	-	219	16.3%
Total Fats ^a	75	6.4%	-	-	80	6.0%
Total Foods						
Total Dairy	-	-	-	-	4	24.5%
Total Meats	-	-	-	-	2	11.9%
Total Fish	-	-	-	-	0	0.0%
Total Eggs	-	-	-	-	0.30	1.7%
Total Grains	-	-	-	-	2	12.5%
Total Vegetables	-	-	-	-	5	27.9%
Total Fruits	-	-	-	-	2	13.9%
Total Fats ^a	-	-	-	-	1	6.4%
Age 16 to <21 years (g/kg-day, as consumed)^d						
Low-end Consumers Food Group	Food Group	Intake	Percent	Mid-range Consumers Intake	Percent	High-end Consumers Intake
Total Foods	-	18	100.0%	-	-	19
Total Dairy	-	-	-	-	-	4
Total Meats	-	-	-	-	-	2
Total Fish	-	-	-	-	-	1
Total Eggs	-	-	-	-	-	0.30
Total Grains	-	-	-	-	-	2
Total Vegetables	-	-	-	-	-	5
Total Fruits	-	-	-	-	-	3
Total Fats ^a	-	-	-	-	-	1

^a Includes added fats such as butter, margarine, dressings and sauces, vegetable oil, etc.; does not include fats eaten as components of other foods such as meats.

^b All individuals in this sample group consumed 0 grams/day of fish. Therefore, only low-end consumers are reported.

^c Only one individual in this sample group consumed more than 0 grams/day of fish. Therefore, this sample is reported in the high-end consumer group and all other samples are placed in the low-end consumer group.

^d All individuals in this sample group below the 80th percentile consumed 0 grams/day of fish. Therefore, only high-end and low-end consumer groups are reported.

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFII.



Table 14-10. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Fruit and Vegetable Intake

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers	
	Intake	Percent	Intake	Percent	Intake	Percent		Intake	Percent	Intake	Percent	Intake	Percent
Age Birth to <1 month (g/day, as consumed) ^b													
Total Foods	49	100.0%	-	-	101	100.0%	Total Foods	14	100.0%	-	-	29	100.0%
Total Dairy	34	69.7%	-	-	21	21.1%	Total Dairy	10	69.6%	-	-	6	19.4%
Total Meats	0	0.0%	-	-	0	0.0%	Total Meats	0	0.0%	-	-	0	0.0%
Total Fish	0	0.0%	-	-	0	0.0%	Total Fish	0	0.0%	-	-	0	0.0%
Total Eggs	0	0.0%	-	-	0	0.0%	Total Eggs	0	0.0%	-	-	0	0.0%
Total Grains	0.58	1.2%	-	-	0.21	0.2%	Total Grains	0.18	1.3%	-	-	0.057	0.2%
Total Vegetables	0	0.0%	-	-	44	43.3%	Total Vegetables	0	0.0%	-	-	13	44.8%
Total Fruits	0	0.0%	-	-	8	7.6%	Total Fruits	0	0.0%	-	-	2	6.4%
Total Fats ^a	14	29.1%	-	-	25	24.8%	Total Fats ^a	4	29.1%	-	-	7	25.4%
Age 1 to <3 months (g/day, as consumed) ^b													
Total Foods	49	100.0%	-	-	171	100.0%	Total Foods	11	100.0%	-	-	35	100.0%
Total Dairy	34	69.2%	-	-	16	9.5%	Total Dairy	7	69.4%	-	-	4	11.5%
Total Meats	0	0.0%	-	-	0	0.0%	Total Meats	0	0.0%	-	-	0	0.0%
Total Fish	0	0.0%	-	-	0	0.0%	Total Fish	0	0.0%	-	-	0	0.0%
Total Eggs	0	0.0%	-	-	0	0.0%	Total Eggs	0	0.0%	-	-	0	0.0%
Total Grains	0.91	1.9%	-	-	2	1.0%	Total Grains	0.17	1.7%	-	-	0.38	1.1%
Total Vegetables	0	0.0%	-	-	89	52.0%	Total Vegetables	0	0.0%	-	-	16	46.8%
Total Fruits	0	0.0%	-	-	18	10.2%	Total Fruits	0	0.0%	-	-	5	13.9%
Total Fats ^a	14	28.9%	-	-	40	23.4%	Total Fats ^a	3	29.0%	-	-	8	22.7%
Age 3 to <6 months (g/day, as consumed)													
Total Foods	69	100.0%	144	100.0%	495	100.0%	Total Foods	11	100.0%	21	100.0%	70	100.0%
Total Dairy	47	68.0%	51	35.6%	49	9.9%	Total Dairy	7	68.1%	8	37.2%	7	10.1%
Total Meats	0	0.0%	2	1.3%	4	0.8%	Total Meats	0	0.0%	0.32	1.5%	0.52	0.7%
Total Fish	0	0.0%	0.43	0.3%	0	0.0%	Total Fish	0	0.0%	0.057	0.3%	0	0.0%
Total Eggs	0	0.0%	0.58	0.4%	0.094	0.0%	Total Eggs	0	0.0%	0.10	0.5%	0.021	0.0%
Total Grains	2	3.3%	10	6.7%	12	2.4%	Total Grains	0.35	3.2%	1	6.6%	2	2.6%
Total Vegetables	0	0.0%	24	16.6%	88	17.7%	Total Vegetables	0	0.0%	3	15.1%	12	17.7%
Total Fruits	0	0.0%	29	19.9%	311	62.8%	Total Fruits	0	0.0%	4	20.8%	44	62.4%
Total Fats ^a	20	28.4%	25	17.7%	27	5.4%	Total Fats ^a	3	28.5%	4	16.9%	4	5.5%



Table 14-10. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Fruit and Vegetable Intake (continued)

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers		
	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent			
Age 6 to <12 months (g/day, as consumed)																			
Total Foods	189	100.0%	461	100.0%	951	100.0%	Total Foods	21	100.0%	57	100.0%	100	100.0%	100	100.0%	100	100.0%		
Total Dairy	91	48.3%	129	28.0%	207	21.8%	Total Dairy	10	48.1%	19	33.2%	18	17.9%						
Total Meats	8	4.0%	17	3.6%	37	3.9%	Total Meats	0.73	3.6%	2	4.3%	4	3.8%						
Total Fish	0.80	0.4%	0.80	0.2%	0.16	0.0%	Total Fish	0.088	0.4%	0.063	0.1%	0.018	0.0%						
Total Eggs	4	1.9%	9	1.9%	8	0.8%	Total Eggs	0.34	1.7%	0.59	1.0%	0.73	0.7%						
Total Grains	23	12.1%	31	6.8%	41	4.3%	Total Grains	2	11.4%	4	6.5%	5	4.6%						
Total Vegetables	18	9.4%	83	18.1%	160	16.8%	Total Vegetables	2	9.3%	10	16.9%	19	19.0%						
Total Fruits	15	7.7%	158	34.3%	459	48.2%	Total Fruits	2	8.4%	18	30.8%	50	49.5%						
Total Fats ^a	31	16.3%	31	6.8%	35	3.6%	Total Fats ^a	3	16.8%	4	6.6%	4	3.9%						
Age 1 to <2 years (g/day, as consumed)																			
Total Foods	796	100.0%	1,048	100.0%	1,499	100.0%	Total Foods	68	100.0%	88	100.0%	133	100.0%						
Total Dairy	578	72.7%	535	51.0%	425	28.4%	Total Dairy	49	71.8%	44	49.6%	39	29.5%						
Total Meats	35	4.5%	46	4.4%	62	4.2%	Total Meats	3	4.7%	4	4.5%	5	3.6%						
Total Fish	0.93	0.1%	3	0.3%	5	0.4%	Total Fish	0.16	0.2%	0.24	0.3%	0.31	0.2%						
Total Eggs	8	1.0%	16	1.5%	17	1.1%	Total Eggs	0.77	1.1%	1	1.2%	2	1.2%						
Total Grains	49	6.2%	65	6.2%	77	5.1%	Total Grains	4	6.2%	6	6.9%	7	5.2%						
Total Vegetables	56	7.1%	123	11.7%	179	11.9%	Total Vegetables	5	7.1%	11	12.6%	15	11.6%						
Total Fruits	26	3.2%	210	20.1%	687	45.8%	Total Fruits	2	3.4%	18	20.5%	60	45.4%						
Total Fats ^a	36	4.6%	41	3.9%	39	2.6%	Total Fats ^a	3	4.7%	3	3.7%	4	2.7%						
Age 2 to <3 years (g/day, as consumed)																			
Total Foods	601	100.0%	942	100.0%	1,589	100.0%	Total Foods	43	100.0%	69	100.0%	114	100.0%						
Total Dairy	308	51.2%	352	37.4%	384	24.1%	Total Dairy	22	51.3%	27	39.3%	27	23.6%						
Total Meats	53	8.8%	59	6.3%	64	4.0%	Total Meats	4	8.8%	4	6.0%	4	3.8%						
Total Fish	2	0.3%	4	0.5%	5	0.3%	Total Fish	0.14	0.3%	0.25	0.4%	0.40	0.4%						
Total Eggs	14	2.3%	18	2.0%	20	1.3%	Total Eggs	0.99	2.3%	1	1.9%	2	1.4%						
Total Grains	72	12.0%	80	8.5%	91	5.7%	Total Grains	5	12.0%	6	8.6%	7	5.7%						
Total Vegetables	81	13.4%	141	15.0%	202	12.7%	Total Vegetables	6	13.8%	10	14.0%	14	12.4%						
Total Fruits	24	4.0%	237	25.1%	765	48.1%	Total Fruits	2	3.7%	17	24.6%	56	49.1%						
Total Fats ^a	38	6.3%	40	4.2%	46	2.9%	Total Fats ^a	3	6.3%	3	4.1%	3	2.9%						



Table 14-10. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Fruit and Vegetable Intake (continued)

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers	
	Intake	Percent	Intake	Percent	Intake	Percent		Intake	Percent	Intake	Percent	Intake	Percent
Age 3 to <6 years (g/day, as consumed)													
Total Foods	731	100.0%	1,014	100.0%	1,594	100.0%	Total Foods	40	100.0%	58	100.0%	95	100.0%
Total Dairy	388	53.1%	385	38.0%	401	25.1%	Total Dairy	21	52.7%	22	38.2%	25	25.8%
Total Meats	60	8.2%	74	7.3%	81	5.1%	Total Meats	3	8.6%	4	7.0%	5	4.8%
Total Fish	4	0.5%	7	0.7%	9	0.6%	Total Fish	0.17	0.4%	0.32	0.6%	0.46	0.5%
Total Eggs	13	1.7%	14	1.4%	21	1.3%	Total Eggs	0.63	1.6%	0.81	1.4%	1	1.1%
Total Grains	92	12.5%	96	9.4%	113	7.1%	Total Grains	5	12.4%	6	10.3%	7	6.8%
Total Vegetables	92	12.5%	174	17.1%	231	14.5%	Total Vegetables	5	13.0%	10	16.5%	13	13.9%
Total Fruits	27	3.6%	199	19.6%	668	41.9%	Total Fruits	1	3.4%	11	19.5%	41	42.5%
Total Fats ^a	45	6.1%	49	4.9%	53	3.3%	Total Fats ^a	2	6.1%	3	4.9%	3	3.3%
Age 6 to <11 years (g/day, as consumed)													
Total Foods	784	100.0%	1,068	100.0%	1,664	100.0%	Total Foods	23	100.0%	38	100.0%	64	100.0%
Total Dairy	385	49.2%	406	38.0%	448	26.9%	Total Dairy	11	47.0%	14	37.6%	18	27.5%
Total Meats	76	9.7%	88	8.3%	98	5.9%	Total Meats	2	10.1%	3	8.9%	4	5.7%
Total Fish	5	0.6%	6	0.6%	8	0.5%	Total Fish	0.18	0.8%	0.15	0.4%	0.30	0.5%
Total Eggs	16	2.1%	16	1.5%	17	1.0%	Total Eggs	0.53	2.3%	0.58	1.5%	0.76	1.2%
Total Grains	105	13.3%	117	11.0%	127	7.6%	Total Grains	3	13.8%	5	11.8%	5	8.1%
Total Vegetables	103	13.2%	213	19.9%	313	18.8%	Total Vegetables	3	13.8%	7	19.1%	11	17.7%
Total Fruits	26	3.4%	144	13.5%	559	33.6%	Total Fruits	0.82	3.6%	5	13.3%	22	33.6%
Total Fats ^a	48	6.2%	59	5.5%	64	3.9%	Total Fats ^a	1	6.4%	2	5.4%	3	3.9%
Age 11 to <16 years (g/day, as consumed)													
Total Foods	709	100.0%	1,149	100.0%	1,911	100.0%	Total Foods	12	100.0%	23	100.0%	39	100.0%
Total Dairy	301	42.4%	362	31.5%	395	20.7%	Total Dairy	5	42.0%	8	33.1%	9	22.3%
Total Meats	91	12.8%	112	9.7%	146	7.7%	Total Meats	1	12.4%	2	9.8%	3	6.4%
Total Fish	3	0.4%	10	0.8%	14	0.7%	Total Fish	0.054	0.5%	0.12	0.5%	0.21	0.5%
Total Eggs	13	1.8%	20	1.7%	24	1.3%	Total Eggs	0.22	1.9%	0.40	1.7%	0.59	1.5%
Total Grains	106	15.0%	136	11.8%	165	8.6%	Total Grains	2	14.8%	3	12.1%	3	8.8%
Total Vegetables	125	17.7%	286	24.9%	458	24.0%	Total Vegetables	2	18.2%	5	23.0%	9	22.4%
Total Fruits	13	1.9%	136	11.8%	597	31.2%	Total Fruits	0.25	2.2%	3	12.3%	13	32.3%
Total Fats ^a	49	6.9%	66	5.8%	87	4.5%	Total Fats ^a	0.81	7.0%	1	5.9%	2	4.2%



Table 14-10. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Fruit and Vegetable Intake (continued)

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers		
	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	
Age 16 to <21 years (g/day, as consumed)																			
Total Foods	624.	100.0%	970	100.0%	2,353	100.0%	Total Foods	9	100.0%	16	100.0%	34	100.0%	34	100.0%	34	100.0%		
Total Dairy	238	38.1%	203	21.0%	449	19.1%	Total Dairy	4	39.0%	3	21.0%	6	17.8%	6	17.8%	6	17.8%		
Total Meats	76	12.2%	112	11.5%	245	10.4%	Total Meats	1	11.7%	2	12.7%	3	9.6%	3	9.6%	3	9.6%		
Total Fish	8	1.2%	15	1.6%	17	0.7%	Total Fish	0.13	1.4%	0.13	0.8%	0.21	0.6%	0.21	0.6%	0.21	0.6%		
Total Eggs	21	3.3%	16	1.6%	30	1.3%	Total Eggs	0.31	3.4%	0.41	2.5%	0.33	1.0%	0.33	1.0%	0.33	1.0%		
Total Grains	100	16.1%	138	14.2%	211	9.0%	Total Grains	1	16.2%	2	14.6%	3	10.0%	3	10.0%	3	10.0%		
Total Vegetables	109	17.5%	283	29.2%	615	26.1%	Total Vegetables	2	17.9%	5	30.7%	9	25.8%	9	25.8%	9	25.8%		
Total Fruits	18	2.9%	121	12.5%	644	27.4%	Total Fruits	0.17	1.8%	1	9.1%	10	30.0%	10	30.0%	10	30.0%		
Total Fats ^a	46	7.3%	66	6.8%	116	4.9%	Total Fats ^a	0.66	7.2%	1	7.5%	2	4.4%	2	4.4%	2	4.4%		

^a Includes added fats such as butter, margarine, dressings and sauces, vegetable oil, etc.; does not include fats eaten as components of other foods such as meats.
^b All individuals in this sample group below the 75th percentile consumed 0 grams/day of fruits and vegetables. Therefore, only high-end and low-end consumer groups are reported.

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFII.



Table 14-11. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Dairy Intake

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Low-end Consumers			Mid-range Consumers			High-end Consumers		
	Intake	Percent	Age Birth to <1 month (g/day, as consumed)	Intake	Percent	Age Birth to <1 month (g/day, as consumed)	Food Group	Intake	Percent	Age Birth to <1 month (g/kg-day, as consumed)	Intake	Percent	Age Birth to <1 month (g/kg-day, as consumed)	Intake	Percent	Age Birth to <1 month (g/kg-day, as consumed)		
<i>Age Birth to <1 month (g/day, as consumed)</i>																		
Total Foods	12	100.0%	60	100.0%	185	100.0%	Total Foods	4	100.0%	18	100.0%	56	100.0%					
Total Dairy	0	0.0%	40	67.3%	127	69.0%	Total Dairy	0	0.0%	12	67.1%	39	69.0%					
Total Meats	0	0.0%	0	0.0%	0	0.0%	Total Meats	0	0.0%	0	0.0%	0	0.0%					
Total Fish	0	0.0%	0	0.0%	0	0.0%	Total Fish	0	0.0%	0	0.0%	0	0.0%					
Total Eggs	0	0.0%	0	0.0%	0	0.0%	Total Eggs	0	0.0%	0	0.0%	0	0.0%					
Total Grains	0.031	0.3%	0	0.0%	4	2.2%	Total Grains	0.0086	0.2%	0	0.0%	1	2.1%					
Total Vegetables	8	66.1%	2	3.4%	0.78	0.4%	Total Vegetables	2	64.4%	0.65	3.7%	0.26	0.5%					
Total Fruits	0	0.0%	0	0.0%	0	0.0%	Total Fruits	0	0.0%	0	0.0%	0	0.0%					
Total Fats ^a	3	27.1%	18	29.2%	52	28.4%	Total Fats ^a	1	27.5%	5	29.2%	16	28.4%					
<i>Age 1 to <3 months (g/day, as consumed)</i>																		
Total Foods	36	100.0%	84	100.0%	166	100.0%	Total Foods	7	100.0%	14	100.0%	41	100.0%					
Total Dairy	0	0.0%	19	22.4%	109	65.6%	Total Dairy	0	0.0%	3	24.0%	26	64.1%					
Total Meats	0	0.0%	0	0.0%	0.037	0.0%	Total Meats	0	0.0%	0	0.0%	0.012	0.0%					
Total Fish	0	0.0%	0	0.0%	0	0.0%	Total Fish	0	0.0%	0	0.0%	0	0.0%					
Total Eggs	0	0.0%	0	0.0%	0	0.0%	Total Eggs	0	0.0%	0	0.0%	0	0.0%					
Total Grains	0.32	0.9%	1	1.2%	0	0.8%	Total Grains	0.054	0.8%	0.29	2.0%	0.26	0.6%					
Total Vegetables	21	58.8%	42	50.7%	4	2.7%	Total Vegetables	4	57.8%	7	48.7%	0.43	1.1%					
Total Fruits	2	4.3%	0.034	0.0%	6	3.7%	Total Fruits	0.37	5.4%	0.0067	0.0%	3	7.7%					
Total Fats ^a	10	26.7%	21	25.4%	45	27.2%	Total Fats ^a	2	26.4%	4	25.0%	11	26.5%					
<i>Age 3 to <6 months (g/day, as consumed)</i>																		
Total Foods	132	100.0%	217	100.0%	346	100.0%	Total Foods	19	100.0%	32	100.0%	44	100.0%					
Total Dairy	0	0.0%	59	27.0%	160	46.3%	Total Dairy	0	0.0%	8	24.8%	24	54.9%					
Total Meats	0.59	0.4%	2	1.0%	4	1.1%	Total Meats	0.10	0.5%	0.22	0.7%	0.45	1.0%					
Total Fish	0	0.0%	0	0.0%	0.44	0.1%	Total Fish	0	0.0%	0	0.0%	0.056	0.1%					
Total Eggs	0	0.0%	0.38	0.2%	0.64	0.2%	Total Eggs	0	0.0%	0.11	0.3%	0.057	0.1%					
Total Grains	6	4.5%	8	3.8%	12	3.4%	Total Grains	0.84	4.5%	1	3.8%	2	3.4%					
Total Vegetables	46	34.9%	37	17.0%	26	7.6%	Total Vegetables	7	35.6%	4	13.7%	2	5.0%					
Total Fruits	58	44.1%	84	38.8%	87	25.1%	Total Fruits	8	43.0%	14	45.8%	7	15.9%					
Total Fats ^a	16	11.9%	26	12.1%	55	15.8%	Total Fats ^a	2	12.2%	3	10.7%	8	19.2%					



Table 14-11. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Dairy Intake (continued)

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Food Group	Age 6 to <12 months (g/day, as consumed)			Age 6 to <12 months (g/kg-day, as consumed)		
	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake		Intake	Percent	Intake	Percent	Intake	
<i>Age 6 to <12 months (g/day, as consumed)</i>																
Total Foods	317	100.0%	368	100.0%	1,285	100.0%	Total Foods	36	100.0%	43	100.0%	135	100.0%			
Total Dairy	0.045	0.0%	71	19.2%	833	64.8%	Total Dairy	0.0062	0.0%	8	18.2%	87	64.8%			
Total Meats	11	3.4%	16	4.4%	41	3.2%	Total Meats	1	3.5%	2	4.8%	4	3.0%			
Total Fish	0.0086	0.0%	1	0.3%	0.28	0.0%	Total Fish	0	0.0%	0.15	0.3%	0.029	0.0%			
Total Eggs	3	0.9%	5	1.4%	6	0.5%	Total Eggs	0.35	1.0%	0.92	2.1%	0.66	0.5%			
Total Grains	27	8.6%	23	6.3%	46	3.6%	Total Grains	3	7.9%	3	7.7%	5	3.5%			
Total Vegetables	114	35.9%	75	20.4%	106	8.2%	Total Vegetables	13	35.3%	8	17.9%	11	8.2%			
Total Fruits	137	43.3%	147	39.9%	211	16.4%	Total Fruits	16	44.6%	18	40.7%	22	16.6%			
Total Fats ^a	20	6.4%	30	8.2%	40	3.1%	Total Fats ^a	2	6.3%	4	8.1%	4	3.1%			
<i>Age 1 to <2 years (g/day, as consumed)</i>																
Total Foods	601	100.0%	989	100.0%	1,700	100.0%	Total Foods	55	100.0%	86	100.0%	154	100.0%			
Total Dairy	40	6.7%	451	45.6%	1,170	68.8%	Total Dairy	3	6.1%	38	44.0%	106	68.5%			
Total Meats	43	7.1%	51	5.2%	45	2.6%	Total Meats	4	7.2%	4	4.8%	4	2.6%			
Total Fish	3	0.5%	4	0.4%	3	0.2%	Total Fish	0.28	0.5%	0.50	0.6%	0.18	0.1%			
Total Eggs	14	2.3%	15	1.5%	18	1.1%	Total Eggs	1	2.3%	2	1.8%	1	0.8%			
Total Grains	57	9.5%	65	6.5%	63	3.7%	Total Grains	5	9.5%	6	6.9%	6	3.7%			
Total Vegetables	139	23.1%	120	12.1%	112	6.6%	Total Vegetables	12	21.8%	11	13.0%	10	6.7%			
Total Fruits	268	44.7%	240	24.3%	226	13.3%	Total Fruits	25	46.3%	21	24.5%	21	13.8%			
Total Fats ^a	29	4.8%	38	3.8%	58	3.4%	Total Fats ^a	3	4.7%	3	3.7%	5	3.4%			
<i>Age 2 to <3 years (g/day, as consumed)</i>																
Total Foods	661	100.0%	996	100.0%	1,528	100.0%	Total Foods	47	100.0%	72	100.0%	114	100.0%			
Total Dairy	48	7.3%	348	34.9%	885	57.9%	Total Dairy	3	7.2%	24	33.7%	67	58.4%			
Total Meats	61	9.3%	63	6.3%	55	3.6%	Total Meats	4	9.4%	4	6.2%	4	3.6%			
Total Fish	2	0.3%	6	0.6%	5	0.3%	Total Fish	0.16	0.3%	0.27	0.4%	0.28	0.2%			
Total Eggs	25	3.8%	20	2.1%	19	1.3%	Total Eggs	2	3.7%	1	1.5%	1	1.3%			
Total Grains	78	11.9%	82	8.2%	86	5.6%	Total Grains	5	11.6%	6	8.5%	6	5.7%			
Total Vegetables	163	24.7%	144	14.5%	137	9.0%	Total Vegetables	12	24.6%	10	14.0%	11	9.3%			
Total Fruits	237	35.8%	279	28.0%	277	18.1%	Total Fruits	17	36.4%	22	30.2%	20	17.3%			
Total Fats ^a	37	5.5%	41	4.1%	55	3.6%	Total Fats ^a	3	5.5%	3	4.2%	4	3.6%			



Table 14-11. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Dairy Intake (continued)

Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers		Food Group	Low-end Consumers		Mid-range Consumers		High-end Consumers	
	Intake	Percent	Intake	Percent	Intake	Percent		Intake	Percent	Intake	Percent	Intake	Percent
Age 3 to <6 years (g/day, as consumed)													
Total Foods	725	100.0%	1,047	100.0%	1,612	100.0%	Total Foods	41	100.0%	58	100.0%	97	100.0%
Total Dairy	64	8.9%	355	33.9%	886	55.0%	Total Dairy	4	8.8%	20	34.2%	52	54.0%
Total Meats	75	10.4%	72	6.9%	70	4.3%	Total Meats	4	10.6%	4	6.6%	4	4.4%
Total Fish	4	0.6%	6	0.5%	6	0.4%	Total Fish	0.22	0.5%	0.29	0.5%	0.30	0.3%
Total Eggs	19	2.6%	15	1.4%	18	1.1%	Total Eggs	1	2.6%	0.87	1.5%	0.99	1.0%
Total Grains	87	12.1%	104	9.9%	116	7.2%	Total Grains	5	12.1%	6	9.9%	7	7.2%
Total Vegetables	168	23.2%	173	16.5%	183	11.3%	Total Vegetables	10	23.8%	9	16.3%	11	11.3%
Total Fruits	253	34.9%	257	24.5%	251	15.6%	Total Fruits	14	34.0%	14	24.7%	16	16.5%
Total Fats ^a	40	5.6%	49	4.7%	63	3.9%	Total Fats ^a	2	5.7%	3	4.7%	4	4.0%
Age 6 to <11 years (g/day, as consumed)													
Total Foods	766	100.0%	1,053	100.0%	1,722	100.0%	Total Foods	25	100.0%	38	100.0%	67	100.0%
Total Dairy	63	8.2%	372	35.4%	892	51.8%	Total Dairy	2	8.1%	13	34.2%	35	51.9%
Total Meats	99	12.9%	80	7.6%	87	5.1%	Total Meats	3	13.2%	3	8.0%	3	4.9%
Total Fish	6	0.8%	5	0.5%	6	0.4%	Total Fish	0.19	0.8%	0.19	0.5%	0.26	0.4%
Total Eggs	17	2.2%	14	1.3%	17	1.0%	Total Eggs	0.55	2.3%	0.67	1.8%	0.62	0.9%
Total Grains	105	13.7%	113	10.7%	152	8.8%	Total Grains	3	13.6%	4	10.7%	6	9.0%
Total Vegetables	221	28.9%	214	20.3%	242	14.0%	Total Vegetables	7	29.5%	8	19.7%	9	13.7%
Total Fruits	194	25.3%	175	16.6%	227	13.2%	Total Fruits	6	24.4%	7	17.8%	9	13.5%
Total Fats ^a	49	6.4%	56	5.3%	70	4.1%	Total Fats ^a	2	6.6%	2	5.2%	3	4.2%
Age 11 to <16 years (g/day, as consumed)													
Total Foods	747	100.0%	1,094	100.0%	2,020	100.0%	Total Foods	13	100.0%	22	100.0%	42	100.0%
Total Dairy	22	3.0%	307	28.0%	1,017	50.3%	Total Dairy	0.38	2.9%	6	27.3%	21	49.4%
Total Meats	102	13.6%	101	9.2%	134	6.7%	Total Meats	2	13.8%	2	9.6%	3	6.4%
Total Fish	8	1.1%	9	0.8%	12	0.6%	Total Fish	0.14	1.0%	0.14	0.6%	0.34	0.8%
Total Eggs	20	2.7%	18	1.6%	25	1.2%	Total Eggs	0.35	2.6%	0.36	1.7%	0.50	1.2%
Total Grains	104	13.9%	133	12.2%	181	9.0%	Total Grains	2	13.7%	3	12.2%	4	9.1%
Total Vegetables	239	32.0%	265	24.2%	322	16.0%	Total Vegetables	4	33.0%	5	23.3%	6	15.1%
Total Fruits	197	26.4%	180	16.4%	204	10.1%	Total Fruits	3	25.7%	4	17.8%	5	11.9%
Total Fats ^a	47	6.2%	62	5.6%	100	5.0%	Total Fats ^a	0.83	6.2%	1	5.9%	2	4.8%



Table 14-11. Per Capita Intake of Total Foods and Major Food Groups, and Percent of Total Food Intake for Individuals with Low-end, Mid-range, and High-end Total Dairy Intake (continued)

Food Group	Low-end Consumers			Mid-range Consumers			High-end Consumers			Food Group			Low-end Consumers			Mid-range Consumers			High-end Consumers		
	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	Intake	Percent	
Age 16 to <21 years (g/day, as consumed)																					
Total Foods	647	100.0%	1,095	100.0%	2,233	100.0%	Total Foods	10	100.0%	17	100.0%	33	100.0%								
Total Dairy	8	1.2%	197	18.0%	950	42.5%	Total Dairy	0.12	1.2%	3	16.6%	14	42.8%								
Total Meats	101	15.7%	125	11.4%	197	8.8%	Total Meats	2	15.1%	2	13.6%	3	8.9%								
Total Fish	8	1.2%	16	1.5%	8	0.4%	Total Fish	0.11	1.1%	0.16	0.9%	0.11	0.3%								
Total Eggs	12	1.8%	28	2.5%	27	1.2%	Total Eggs	0.17	1.7%	0.39	2.2%	0.40	1.2%								
Total Grains	90	13.9%	162	14.8%	217	9.7%	Total Grains	1	14.1%	2	14.0%	3	9.6%								
Total Vegetables	228	35.2%	324	29.6%	438	19.6%	Total Vegetables	4	35.8%	5	28.6%	7	20.0%								
Total Fruits	152	23.5%	154	14.1%	249	11.2%	Total Fruits	2	23.9%	3	16.1%	3	10.6%								
Total Fats ^a	37	5.8%	73	6.7%	114	5.1%	Total Fats ^a	0.58	5.6%	1	6.5%	2	5.1%								

^a Includes added fats such as butter, margarine, dressings and sauces, vegetable oil, etc.; does not include fats eaten as components of other foods such as meats.

Source: Based on U.S. EPA analysis of 1994-96, 1998 CSFII.