

1996 Food Expenditure Survey

Public-use Microdata Files

**Income Statistics Division
Statistics Canada**

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INTRODUCTION

General information

These public-use microdata files are the latest available from the Canadian Food Expenditure Survey. The survey was carried out monthly throughout 1996.

The 1996 Food Expenditure Survey is the first survey since 1992. The 1996 survey was designed to provide information for persons living in private households in the ten provinces of Canada as well as Whitehorse and Yellowknife. Users should note that data on all expenditures for 1996 were collected in a separate survey - the Family Expenditure Survey (FAMEX). The 1996 Food Survey had the same coverage as the 1996 Family Expenditure Survey. A public-use microdata file has also been produced from the 1996 Family Expenditure Survey. In order to maintain respondent confidentiality, records from Whitehorse and Yellowknife have been excluded from both 1996 files.

There are two main files to this document (the household file and the detailed food file).

This document is intended to help users interpret the data from the Food Expenditure survey. This document is divided into four sections.

Section 1 contains information on the first of these files - the summary household file. The household file provides summary level food category information at a weekly level (either week one or week two or both if available) and also socio-economic characteristics of the household. In this section, the reader will find:

- a) ***“Public-Use Microdata File - Technical Characteristics of the Summary Household Files”*** - the technical characteristics provide a physical description of the summary file.
- b) ***“Record Layout of the Summary File”*** This record gives the basic content of the summary file with the names of the items, their field number and position on the file. There is one record for each weekly diary reported (a maximum of two per household).
- c) ***“Variable Description of the Summary Household File”*** which gives the components of each item, the area in the questionnaire or diary from which the variable was derived and clarifying notes if needed. The Variable Description for the summary file is divided into 6 main parts: Location; Housing; Characteristics of Reference Person; Characteristics of Spouse of Reference Person; Household Description; and Expenditures.

Section 2 of this document contains information on the second file - the detailed food file - which is a more detailed file of specific food items. The food expenditures are presented by specific food item purchased from stores, locally and on day trips. Records may be linked using the variable “identification number”. In this section the reader will find:

- a) ***“Public-Use Microdata File – Technical Characteristics of the Detailed Item File”*** – the technical characteristics provide a physical description of the detail item file.

- b) **“Record Layout of the Detail File”** – gives the content of the detail file with the items codes, their field number and position on the file. There is one record for each food item for each week.
- c) **“Variable Description of the Detailed Items File”** - this dataset records the items purchased (expenditures, quantities and storetype). The total purchases of an item by a household in a week in a type of store constitute one record. If a household made no purchases of an item, no record will be present for that item.

Section 3 contains the **“Technical Descriptions”** which provides descriptions of the sample design and data collection procedures and a user guide. The user guide is especially important to those using other sources of statistics in conjunction with the food expenditure data.

Section 4 contains Appendices A and B.

- a) **Appendix A** - contains the “1996 Detailed Food Codes” used in the detailed items file and the units of measure for the items. Also included are the average expenditures and quantities calculated before and after reweighting using the public-use microdata file and the changes made to safeguard the identity of respondents.
- b) **Appendix B** - contains a comparison of variables in the 1992 and 1996 files.

A questionnaire (Schedule FE2) was used to list all members of the household along with some of their characteristics and to collect selected socio-economic characteristics (including income) of the household, their food purchasing habits and food purchases while away from home the previous month. A diary (Schedule FE3) was used to collect detailed quantity and expenditure information on the day-to-day purchases of food by the household.

Version 2

The differences between version 2 of the 1996 FOODEX public-use microdata file and previous versions are:

- Extra records that were erroneously included in the Detailed Item data file have been deleted. The number of records included in the file is now 907,311 as indicated on page 78.
- An error in the Record Layout of the Summary Household data file has been corrected (page 8). “Position 17” has been corrected to read “position 16” and “position 18” has been corrected to read “position 17”. The data file is not affected.
- The Data Dictionary entries for “Number of full-time earners” and “Number of part-time earners” have been corrected so that the codes are mutually exclusive. The data file is not affected.

For further information

To learn more about the 1996 Food Expenditure Survey Public-use Microdata file or any of our standard or custom products, please contact *Client Services, Income Statistics Division, 1-888-297-7355, 951-7355 in the Ottawa calling area or by email at income@statcan.ca.*

Section 1.

THE PUBLIC-USE MICRODATA SUMMARY HOUSEHOLD FILE

Technical characteristics of the summary household file

CONTENT: Family Food Expenditures, 1996

SOURCE: Food Expenditure Survey in 1996
Income Statistics Division
Statistics Canada

DATA SET DEFINITION:

DATA SET NAME: PUMD_FOOD96_SUMMARY_FILEV1
FILE SEQUENCE NUMBER: 1

NUMBER OF RECORDS: 21,647

FORMAT: Fixed Length
Record Size = 565

SEQUENCE CONTROL FIELD TITLE
"Identification Number"

SEQUENCE ORDER Ascending

RECORD LAYOUT OF PUMD_FOOD96_SUMMARY_FILEV1

Field #	Size	Implied decimal	Position	Type	Description	Code	Sample	Weekly weight
<u>Location</u>								
1	5	0	1 - 5	n	Identification number	00001 - 10924	21,647	22,396,495
2	1	0	6	n	Week			
					Dairy completed during the first week after the interview	1	10,902	11,271,811
					Diary completed during the second week	2	10,745	11,124,684
3	1	0	7	n	Quarter			
					Quarter 1 (January, February, March)	1	5,327	5,513,858
					Quarter 2 (April, May, June)	2	5,510	5,616,214
					Quarter 3 (July, August, September)	3	5,411	5,670,672
					Quarter 4 (October, November, December)	4	5,399	5,595,751
4	5	0	8 - 12	n	Weight	00062 - 14575	21,647	22,396,495
5	2	0	13 - 14	n	Standard geographic code			
					Province code suppressed	00	52	63,694
					Newfoundland	10	903	373,552
					Prince Edward Island	11	792	98,674
					Nova Scotia	12	1,661	698,426
					New Brunswick	13	1,525	553,605
					Quebec	24	3,405	5,855,595
					Ontario	35	5,530	8,218,465
					Manitoba	46	1,362	848,546
					Saskatchewan	47	1,815	753,536
					Alberta	48	1,867	1,976,710
					British Columbia	59	2,735	2,955,692
6	1	0	15	n	Size of area of residence			
					No assigned size of area	0	1,695	472,226
					30,000 and greater	1	14,681	16,510,129
					Under 30,000	2	2,253	1,993,881
					Rural	3	3,018	3,420,259
7	1	0	16	n	Zero filled	0	21,647	22,396,495
<u>Housing</u>								
8	1	0	17	n	Type of dwelling			

					Single detached house	1	13,440	12,981,416
					Semi-detached or double house	2	928	983,229
					Row or house or terrace	3	1,230	1,434,766
					Duplex	4	703	751,064
					Apartment	5	4,772	5,737,014
					Other	6	574	509,006
9	1	0	18	n	Tenure			
					Owned without a mortgage	1	7,225	7,070,350
					Owned with a mortgage	2	7,323	7,372,670
					Rented (includes occupied rent-free)	3	7,099	7,953,475
					<u>Characteristics of reference person</u>			
10	1	0	19	n	Marital status of reference person			
					Married (to a household member)	1	13,675	13,929,116
					Never married single	2	3,089	3,367,429
					Other (separated, divorced, widowed, etc.)	3	4,883	5,099,950
11	2	0	20 - 21	n	Age of reference person			
					24 = years and under	24	1,071	1,021,995
					25	25	262	265,552
					26	26	316	351,277
					27	27	322	338,689
					28	28	373	370,589
					29	29	366	353,480
					30	30	420	408,684
					31	31	475	483,987
					32	32	526	508,053
					33	33	562	555,532
					34	34	548	585,472
					35	35	616	623,530
					36	36	547	512,819
					37	37	554	545,036
					38	38	535	618,252
					39	39	565	567,301
					40	40	583	587,067
					41	41	469	492,121
					42	42	522	520,450
					43	43	452	462,493
					44	44	426	424,713
					45	45	503	510,112
					46	46	512	521,962
					47	47	546	563,625
					48	48	506	544,570
					49	49	448	436,048
					50	50	416	490,926
					51	51	349	416,899
					52	52	328	388,912
					53	53	344	366,085

					54	54	298	329,182
					55	55	321	316,313
					56	56	242	307,270
					57	57	304	315,070
					58	58	247	307,097
					59	59	252	263,416
					60	60	259	252,386
					61	61	247	248,745
					62	62	283	317,515
					63	63	256	278,905
					64	64	229	262,942
					65	65	294	326,903
					66	66	215	216,312
					67	67	276	281,450
					68	68	242	274,626
					69	69	234	240,708
					70 = (ages 70 to 74 years)	70	1,194	1,249,091
					75 = (ages 75 to 79 years)	75	871	869,669
					80 = (ages 80 years and over)	80	921	902,664
12	1	0	22	n	Gender of reference person			
					Male	1	10,340	10,942,753
					Female	2	11,307	11,453,742
13	1	0	23	n	Educational level of reference person			
					Less than 9 years of education	1	2,697	2,813,417
					Some or completed secondary education	2	8,685	8,916,922
					Some post-secondary education	3	2,947	3,148,875
					Post-secondary non-university certificate or diploma	4	4,162	4,239,151
					University degree	5	3,123	3,243,803
					Not stated	6	33	34,327
14	2	0	24 - 25	n	Occupation of reference person			
					Managerial and Administrative	01	1,797	1,980,738
					Professional and Technical	02	2,130	2,153,011
					Teaching	03	797	837,097
					Clerical	04	1,836	2,024,223
					Sales	05	970	1,092,028
					Services	06	2,087	1,934,493
					Farming, Fishing, Forestry and Logging Operations	07	529	529,519
					Mining, Processing and Machining	08	540	582,259
					Product Fabricating, Assembling and Repairing	09	757	797,302
					Construction	10	748	750,104
					Other Occupations	11	970	1,103,850
					Not Working, including retired	12	7,692	7,815,882
					Not stated	13	794	795,989
15	2	0	26 - 27	n	Number of weeks worked full-time (reference person)			
					00	00	10,111	10,339,175
					01	01	20	16,808

02	02	34	38,875
03	03	14	14,782
04	04	69	74,255
05	05	22	25,304
06	06	46	37,574
07	07	22	11,590
08	08	85	72,332
09	09	14	9,070
10	10	80	74,542
11	11	13	8,382
12	12	170	153,498
13	13	35	29,915
14	14	46	38,110
15	15	40	29,714
16	16	121	107,358
17	17	38	28,888
18	18	56	46,382
19	19	16	10,372
20	20	148	129,849
21	21	34	23,056
22	22	40	33,692
23	23	21	12,925
24	24	93	86,614
25	25	52	52,902
26	26	260	297,408
27	27	20	20,764
28	28	68	73,226
29	29	8	12,470
30	30	125	133,497
31	31	4	2,208
32	32	142	130,342
33	33	10	10,648
34	34	36	40,758
35	35	48	51,218
36	36	116	115,900
37	37	16	7,700
38	38	45	36,626
39	39	26	19,490
40	40	251	260,115
41	41	10	16,610
42	42	79	74,420
43	43	14	14,102
44	44	144	168,962
45	45	40	36,854
46	46	46	46,706
47	47	31	31,358
48	48	127	118,400
49	49	36	25,502
50	50	78	82,230
51	51	14	19,062
52	52	8,413	9,043,955

16	2	0	28 - 29	n	Number of weeks worked part-time (reference person)			
					00	00	19,173	19,826,001
					01	01	30	25,446
					02	02	44	35,992
					03	03	30	27,196
					04	04	78	61,053
					05	05	21	28,110
					06	06	42	44,006
					07	07	26	25,824
					08	08	64	67,348
					09	09	8	4,624
					10	10	50	49,414
					11	11	6	4,976
					12	12	100	106,400
					13	13	30	30,782
					14	14	19	14,047
					15	15	23	18,152
					16	16	82	76,968
					17	17	18	12,346
					18	18	32	37,212
					19	19	4	3,736
					20	20	90	90,088
					21	21	4	7,732
					22	22	30	28,532
					23	23	6	4,060
					24	24	49	46,477
					25	25	21	16,500
					26	26	112	122,204
					27	27	8	10,956
					28	28	29	33,958
					30	30	67	72,736
					31	31	12	14,826
					32	32	74	95,470
					33	33	8	9,968
					34	34	14	14,694
					35	35	24	25,994
					36	36	46	42,162
					37	37	12	9,722
					38	38	6	6,260
					39	39	8	7,684
					40	40	107	94,296
					41	41	6	7,398
					42	42	20	27,876
					43	43	10	12,642
					44	44	48	74,088
					45	45	2	1,294
					46	46	6	9,406
					47	47	8	6,838
					48	48	36	39,646

					49	49	10	9,546
					50	50	20	20,392
					52	52	874	933,417
17	1	0	30	n	Country of birth of reference person			
					Canada	1	18,185	17,791,660
					United Kingdom, North America, North and West Europe	2	1,403	1,530,136
					South and East Europe	3	684	1,059,982
					Asia and Oceanic	4	818	1,127,529
					Other and Not Stated	5	557	887,188
					<u>Characteristics of spouse of reference person</u>			
18	2	0	31 - 32	n	Age of spouse			
					00 = no spouse present in household	00	7,972	8,467,379
					24 = years and under	24	453	439,867
					25	25	177	160,520
					26	26	188	205,213
					27	27	229	228,737
					28	28	234	258,992
					29	29	261	258,620
					30	30	301	299,010
					31	31	323	292,293
					32	32	369	393,125
					33	33	382	353,828
					34	34	346	347,884
					35	35	378	384,768
					36	36	425	400,355
					37	37	399	405,997
					38	38	395	363,370
					39	39	412	400,232
					40	40	441	451,769
					41	41	385	395,355
					42	42	364	333,436
					43	43	376	372,329
					44	44	350	346,665
					45	45	397	404,031
					46	46	321	328,459
					47	47	337	388,797
					48	48	336	313,391
					49	49	329	386,799
					50	50	294	315,899
					51	51	236	242,436
					52	52	230	288,584
					53	53	249	274,191
					54	54	214	220,325
					55	55	194	223,572
					56	56	219	215,503
					57	57	160	157,891

					58	58	199	211,042
					59	59	159	183,117
					60	60	190	205,251
					61	61	138	139,868
					62	62	172	166,528
					63	63	182	177,900
					64	64	175	171,940
					65	65	136	128,678
					66	66	128	130,664
					67	67	147	156,454
					68	68	126	128,692
					69	69	152	153,932
					70 = (ages 70 to 74 years)	70	491	504,145
					75 = (ages 75 to 79 years)	75	334	347,273
					80 = (ages 80 years and over)	80	242	271,389
19	1	0	33	n	Gender of spouse			
					No spouse present in household	0	7,972	8,467,379
					Male	1	6,133	6,133,747
					Female	2	7,542	7,795,369
20	1	0	34	n	Educational level of spouse			
					No spouse present in household	0	7,972	8,467,379
					Less than 9 years of education	1	1,376	1,404,798
					Some or completed secondary education	2	5,850	5,957,518
					Some post-secondary education	3	1,658	1,806,190
					Post-secondary non-university certificate or diploma	4	2,853	2,882,402
					University degree	5	1,919	1,855,841
					Not stated	6	19	22,367
21	2	0	35 - 36	n	Occupation of spouse			
					No spouse present in household	00	7,972	8,467,379
					Managerial and Administrative	01	1,241	1,352,328
					Professional and Technical	02	1,448	1,456,345
					Teaching	03	535	494,083
					Clerical	04	1,343	1,320,363
					Sales	05	711	752,549
					Services	06	1,395	1,249,514
					Farming, Fishing, Forestry and Logging Operations	07	422	390,975
					Mining, Processing and Machining	08	301	317,407
					Product Fabricating, Assembling and Repairing	09	582	645,171
					Construction	10	544	528,434
					Other Occupations	11	695	751,271
					Not Working, including retired	12	4,022	4,183,914
					Not stated	13	436	486,762
22	2	0	37 - 38	n	Number of weeks worked full-time (spouse)			
					00 = zero weeks or no spouse present in household	00	13,318	13,945,756

01	01	14	11,048
02	02	11	10,208
03	03	16	16,328
04	04	36	30,664
05	05	12	18,488
06	06	22	32,818
07	07	4	2,306
08	08	55	59,483
09	09	12	11,752
10	10	32	26,840
11	11	6	2,196
12	12	126	117,353
13	13	30	19,326
14	14	22	8,622
15	15	29	32,415
16	16	58	68,346
17	17	18	10,312
18	18	22	18,324
19	19	10	3,848
20	20	115	129,380
21	21	14	13,706
22	22	25	14,876
24	24	56	55,270
25	25	21	11,943
26	26	230	219,591
27	27	8	4,062
28	28	65	60,582
29	29	6	11,548
30	30	69	78,591
31	31	4	6,044
32	32	97	98,112
33	33	2	484
34	34	20	18,732
35	35	39	35,749
36	36	67	58,474
37	37	8	11,894
38	38	37	31,046
39	39	19	11,716
40	40	166	143,287
41	41	14	14,170
42	42	46	48,284
43	43	10	16,170
44	44	66	64,118
45	45	21	18,798
46	46	22	16,888
47	47	14	20,362
48	48	79	79,235
49	49	32	38,192
50	50	49	48,447
51	51	12	13,108
52	52	6,361	6,557,203

23	2	0	39 - 40	n	Number of weeks worked part-time (spouse)			
					00 = zero weeks or no spouse present in household	00	20,019	20,776,606
					01	01	6	2,714
					02	02	14	10,182
					03	03	12	9,016
					04	04	26	26,712
					05	05	14	12,658
					06	06	16	13,794
					07	07	8	6,006
					08	08	64	56,628
					09	09	8	10,294
					10	10	21	14,614
					11	11	2	1,088
					12	12	70	64,636
					13	13	4	4,176
					14	14	16	11,876
					15	15	24	34,854
					16	16	16	15,470
					17	17	6	3,356
					18	18	14	15,708
					19	19	4	1,644
					20	20	82	82,519
					21	21	8	4,450
					22	22	10	13,074
					23	23	2	1,616
					24	24	39	41,906
					25	25	10	7,136
					26	26	101	104,164
					28	28	22	20,030
					30	30	43	41,703
					31	31	4	7,888
					32	32	22	16,135
					34	34	14	13,092
					35	35	8	7,208
					36	36	36	37,874
					38	38	4	5,352
					39	39	4	3,000
					40	40	61	64,271
					41	41	4	6,016
					42	42	16	14,116
					43	43	6	4,156
					44	44	16	42,686
					45	45	4	7,728
					46	46	7	6,284
					48	48	14	13,916
					49	49	4	6,630
					50	50	8	7,696
					51	51	4	4,660

					52		52	730	719,157
24	1	0	41	n	Country of birth of spouse				
					No spouse present in household	0	7,972		8,467,379
					Canada	1	11,337		10,919,139
					United Kingdom, North America, North and West Europe	2	873		884,480
					South and East Europe	3	514		772,608
					Asia and Oceanic	4	593		815,098
					Other and Not Stated	5	358		537,791
					<u>Household Description</u>				
25	2	0	42-43	n	Household type				
					One-person households	01	4,978		5,389,997
					Husband-wife household without children	02	5,387		5,560,059
					Husband-wife household with children	03	7,538		7,540,491
					Husband-wife household with additional persons	04	750		828,566
					Lone-parent households	05	1,673		1,536,453
					Other households - all persons related	06	702		816,903
					Other households - at least one person unrelated person	07	619		724,026
26	2	0	44-45	n	Household size				
					01	01	4,978		5,389,997
					02	02	6,971		7,171,113
					03	03	3,633		3,684,631
					04	04	3,925		4,039,520
					05	05	1,542		1,500,357
					06 = or more persons	06	598		610,877
27	2	0	46-47	n	Number of seniors 65 years or more				
					00	00	16,767		17,333,440
					01	01	3,250		3,336,019
					02 = two or more persons	02	1,630		1,727,036
28	2	0	48-49	n	Number of adults 25 to 64 years				
					00	00	4,201		4,235,507
					01	01	5,594		5,929,115
					02 = two or more persons	02	11,852		12,231,873
29	2	0	50-51	n	Number of youths 15 to 24 years				
					00	00	16,351		16,815,419
					01	01	3,326		3,423,686
					02 = two or more persons	02	1,970		2,157,390
30	2	0	52-53	n	Number of children under 15 years				
					00	00	14,638		15,730,929
					01	01	3,048		2,991,456
					02 = two or more persons	02	3,961		3,674,110
31	5	2	54-58	n	Number of persons at home				

0.00	000.00	371	422,958
0.14	000.14	49	43,714
0.29	000.29	105	119,297
0.43	000.43	92	100,415
0.57	000.57	165	190,663
0.71	000.71	239	293,199
0.86	000.86	255	285,570
1.00	001.00	4,243	4,530,766
1.14	001.14	138	117,326
1.29	001.29	85	75,886
1.43	001.43	283	289,551
1.57	001.57	116	126,483
1.71	001.71	351	343,950
1.86	001.86	154	150,762
2.00	002.00	5,770	5,948,050
2.14	002.14	92	98,490
2.29	002.29	98	96,212
2.43	002.43	128	121,625
2.57	002.57	118	114,285
2.71	002.71	171	153,347
2.86	002.86	205	203,567
3.00	003.00	2,837	2,870,431
3.14	003.14	60	55,221
3.29	003.29	66	71,081
3.43	003.43	142	157,868
3.57	003.57	93	83,889
3.71	003.71	159	168,020
3.86	003.86	172	165,518
4.00	004.00	2,972	3,104,667
4.14	004.14	22	17,652
4.29	004.29	36	33,743
4.43	004.43	48	50,224
4.57	004.57	41	29,063
4.71	004.71	65	45,912
4.86	004.86	56	52,431
5.00	005.00	1,101	1,109,123
5.14	005.14	19	18,899
5.29	005.29	7	7,772
5.43	005.43	21	22,262
5.57	005.57	12	13,328
5.71	005.71	16	14,010
5.86	005.86	13	10,256
6.00 = or more persons	006.00	461	469,009

32 2 0 59-60 n Number of full-time earners

00	00	9,726	9,782,997
01	01	7,640	7,976,230
02	02	4,046	4,378,885
03 = or more full-year, full time earners	03	235	258,383

33	2	0	61-62	n	Number of part-time earners					
					00	00	13,175	13,829,579		
					01	01	6,076	6,083,862		
					02	02	1,908	1,969,772		
					03 = or more part-time and / or part year earners	03	488	513,282		
34	1	0	63	n	Number of economic families					
					One economic family in the household	1	20,872	21,538,783		
					Two or more economic families in the household	2	775	857,712		
35	1	0	64	n	Employment insurance recipients (EI) flag					
					No recipients in the household	0	18,925	19,864,509		
					At least one recipient in the household	1	2,722	2,531,986		
36	1	0	65	n	Social assistance flag					
					No member of the household received social assistance benefits	0	19,636	20,380,101		
					At least one member of the household received social assistance	1	2,011	2,016,394		
					Average for field 37 - 42 based on the weight of code 0 field 43 (Income on file)	Minimum	Maximum	Weighted aggregate	Average	
37	7	0	66-72	n	Income before taxes	(2,000)	848,000	1,000,554,877,500	46,369.68	
38	7	0	73-79	n	Income from wages and salaries	\$0.00	845,000	719,611,751,400	33,349.66	
39	7	0	80-86	n	Income from self-employment	(27,000)	300,000	78,191,121,500	3,623.69	
40	7	0	87-93	n	Income from investment	(26,000)	700,000	28,849,187,600	1,336.99	
41	7	0	94-100	n	Income from gov't transfer payments	\$0.00	\$75,000.00	116,937,061,000	5,419.33	
42	7	0	101-107	n	income from other sources	\$0.00	\$200,000.00	56,965,756,000	2,640.02	
						Code	Sample	Weekly weight		
43	1	0	108	n	Income not stated flag					
					Income on file	0	20,831	21,577,781		
					Income not stated	1	816	818,714		
						Maximum	Weighted aggregate	Average		
					<u>Expenditures</u>					
44	7	2	109-115	n	Number of meals consumed but not purchased from restaurants directly while away overnight or longer	90.92	66,475,756.56	2.97		
45	7	2	116-122	n	Meals received free or reimbursed while on locally and on day trips	84.00	31,505,969.00	1.41		
46	7	2	123-129	n	Total meals received free or reimbursed	90.92	66,475,756.56	2.97		
47	7	0	130-136	n	Meals served to guests	99	24,506,525	1.09		

48	7	2	137-143	n	Value of food not purchased	2,500.00	55,466,572.00	2.48
49	7	2	144-150	n	Total food purchased	1,159.89	2,510,872,551.40	112.11
50	7	2	151-157	n	Food purchased from stores	1,059.68	1,812,968,201.16	80.95
51	7	2	158-164	n	Locally and on day trips	1,059.68	1,787,837,534.39	79.83
52	7	2	165-171	n	Meat	592.97	391,569,534.11	17.48
53	7	2	172-178	n	Fish and other marine products	452.28	59,238,964.82	2.65
54	7	2	179-185	n	Dairy products and eggs	299.33	284,040,648.43	12.68
55	7	2	186-192	n	Bakery and other cereal products	307.80	279,211,366.29	12.47
56	7	2	193-199	n	Fruits and nuts	146.22	199,721,615.70	8.92
57	7	2	200-206	n	Vegetables	157.49	170,929,107.65	7.63
58	7	2	207-213	n	Condiments, spices and vinegar	166.23	48,831,846.92	2.18
59	7	2	214-220	n	Sugar and sugar preparations	190.13	56,038,197.99	2.50
60	7	2	221-227	n	Coffee and tea	79.03	36,315,008.35	1.62
61	7	2	228-234	n	Fats and oils	113.48	26,149,397.13	1.17
62	7	2	235-241	n	Other foods, food materials & preparations	202.14	152,899,245.17	6.83
63	7	2	242-248	n	Non-alcoholic beverages	138.73	82,892,601.83	3.70
64	7	2	249-255	n	Food purchased while on trips overnight or longer	230.80	25,130,666.77	1.12
65	7	2	256-262	n	Food purchased from restaurants from stores locally and on day trips	1,049.00	578,625,053.23	25.84
66	7	2	263-269	n	Food purchased from restaurants while on trips overnight or longer	446.60	119,279,297.02	5.33
67	7	2	270-276	n	Food purchased from specialty store	484.15	140,747,721.08	6.28
68	7	2	277-283	n	Food purchased from convenience stores	250.43	57,710,181.73	2.58
69	7	2	284-290	n	Food purchased from supermarkets	750.34	1,451,213,558.68	64.80
70	7	2	291-297	n	Food purchased from other stores	898.55	138,166,072.90	6.17

Food purchased from restuarants locally and while on trips overnight of longer

71	7	2	298-304	n	Table service	1,029.00	396,671,420.00	17.71
72	7	2	305-311	n	Breakfast	161.54	37,741,906.22	1.69
73	7	2	312-318	n	Lunches	1,029.00	112,401,927.26	5.02
74	7	2	319-325	n	Dinners	879.50	236,097,883.30	10.54
75	7	2	326-332	n	Between meals	96.02	10,429,703.22	0.47
76	7	2	333-339	n	Fast food restuarants eat-in or drive-in	244.13	97,328,722.65	4.35
77	7	2	340-346	n	Breakfast	39.36	8,284,743.97	0.37
78	7	2	347-353	n	Lunches	133.40	41,945,013.78	1.87
79	7	2	354-360	n	Dinners	160.02	34,931,733.15	1.56
80	7	2	361-367	n	Between meals	70.00	12,167,231.76	0.54
81	7	2	368-374	n	Fast food takeout or delivery	261.88	103,355,236.59	4.61
82	7	2	375-381	n	Breakfast	38.60	3,429,172.02	0.15
83	7	2	382-388	n	Lunches	126.75	24,344,790.14	1.09
84	7	2	389-395	n	Dinners	255.10	63,644,010.77	2.84
85	7	2	396-402	n	Between meals	73.12	11,937,263.66	0.53
86	7	2	403-409	n	Cafeteria	248.75	50,979,652.33	2.28
87	7	2	410-416	n	Breakfast	\$89.00	\$4,214,381.55	0.19
88	7	2	417-423	n	Lunches	\$85.00	\$29,730,931.09	1.33
89	7	2	424-430	n	Dinners	205.10	7,406,712.26	0.33
90	7	2	431-437	n	Between meals	195.00	9,627,627.43	0.43
91	7	2	438-444	n	Other restaurants	271.26	49,569,318.68	2.21
92	7	2	445-451	n	Breakfast	60.00	2,698,439.10	0.12
93	7	2	452-458	n	Lunches	130.00	13,075,637.63	0.58
94	7	2	459-465	n	Dinners	151.20	11,513,841.41	0.51
95	7	2	466-472	n	Between meals	160.00	22,281,400.54	0.99
96	7	2	473-479	n	Total restaurant expenditure	1,049.00	697,904,350.25	31.16
<u>Meals from restaurants</u>								
97	5	0	480-484	n	No. of breakfasts locally and on day trips	18	11,204,063	0.50
98	5	0	485-489	n	No. of lunches locally and on day trips	34	34,480,993	1.54
99	5	0	490-494	n	No. of dinners locally and on day trips	105	31,655,486	1.41
100	5	2	495-499	n	No. of breakfast on trips overnight or longer	10.16	2,415,385.24	0.11
101	5	2	500-504	n	No. of lunches on trips overnight or longer	19.39	3,570,651.18	0.16
102	5	2	505-509	n	No. of dinners on trips overnight or longer	19.39	4,248,598.48	0.19
103	5	2	510-514	n	Total no. of meals purchased from restaurants	124.15	87,575,176.90	3.91

Daily expenditure Food and Beverages Purchased from Stores

104	1	0	515	n	First Day of Diary	Code	Sample	Weekly weight
					1	1	1,395	1,336,932
					2	2	4,465	4,469,134
					3	3	4,487	4,629,432
					4	4	3,989	4,303,733
					5	5	3,356	3,286,121
					6	6	2,405	2,612,062
					7	7	1,550	1,759,081
						Maximum	Weighted aggregate	Average

105	7	2	516-522	n	First Day's Expenditure	563.71	350,256,471.11	15.64
106	7	2	523-529	n	Second Day's Expenditure	456.44	279,402,789.91	12.48
107	7	2	530-536	n	Third Day's Expenditure	585.12	276,134,866.24	12.33
108	7	2	537-543	n	Fourth Day's Expenditure	659.63	239,646,339.97	10.70
109	7	2	544-550	n	Fifth Day's Expenditure	647.82	230,505,204.22	10.29
110	7	2	551-557	n	Sixth Day's Expenditure	370.13	192,183,670.74	8.58
111	7	2	558-564	n	Seventh Day's Expenditure	734.39	219,708,192.19	9.81

Additional variable

112	1	0	565	n	Household record flag	Code	Sample	Weekly weight
					Not the first household record	0	10,723	11,108,858
					First household record	1	10,924	11,287,637

VARIABLE DESCRIPTIONS FOR SUMMARY HOUSEHOLD FILE

LOCATION

Identification number

Each household has a unique five-digit number which identifies each household on the file. The numbers begin at 00001 and end at 10,924. The identification number enables the user to identify all records containing purchases by a household. Duplicate record numbers will be on the file for all households with two completed diaries. The identification number links the summary household file to the detailed items file.

Week

Code

Classification

- | | |
|---|---|
| 1 | Diary completed during the first week after the interview |
| 2 | Diary completed during the second week |

Quarter

<u>Code</u>	<u>Classification</u>
1	Quarter 1 January February March
2	Quarter 2 April May June
3	Quarter 3 July August September
4	Quarter 4 October November December

“Quarter” refers to the period in time that the respondent replies. The survey sample is divided into 12 parts – one for each month in the calendar year. The first quarter covers the respondents starting the survey in January, February or March. If the respondent does not complete the questionnaire in the first assigned month, it may carry over to the second month. Each dwelling has an assigned month.

Weight

In order to provide estimates applicable to the population in the ten provinces, it is necessary to weight each record. This weight reflects the variation in sampling and response rates among geographic areas and household types.

Records have been reweighted to mask household location within geographic areas. For a detailed description of weight, refer to *Section 3, “Technical Descriptions”*.

Standard geographic code

<u>Code</u>	<u>Classification</u>
00	Province code suppressed
10	Newfoundland
11	Prince Edward Island
12	Nova Scotia
13	New Brunswick
24	Quebec
35	Ontario
46	Manitoba
47	Saskatchewan
48	Alberta
59	British Columbia

Note

The file is sorted by Standard Geographic Code -region/province code - (field 5) and Income Before Taxes (field 37) (i.e. income within geographic code). The Standard Geographic Code was masked (i.e. made equal to zero) for 21 records. These income records contain high income values or high government transfer values. These records were numbered 00001 to 00021. The lowest income in the Atlantic provinces were numbered 00022 and the highest income located in British Columbia was assigned the largest identification number, 10,924.

Size of area of residence

<u>Code</u>	<u>Classification</u>
0	No assigned size of area of residence
1	30,000 and greater
2	Under 30,000
3	Rural

Note

Sampled dwellings are assigned to size of area of residence groups depending on the 1996 population size (according to the 1996 Census boundary) of the metropolitan area, municipality, or urban area in which they are located. The following definitions of municipality, metropolitan area, urban area and rural area apply to these classifications.

Municipality: Municipality is defined as a census subdivision (as determined by provincial legislation) or its equivalent (for example, Indian reserves, Indian settlements and unorganized territories). For more detail, see the 1996 Census Dictionary, p. 193, Catalogue no. 92-351-XPE).

Metropolitan Area: The overall concept for delineating metropolitan areas is one of a large urban area together with adjacent urban and rural areas that have a high degree of social and economic integration with this urban area. (For more detail, see the 1996 Census Dictionary, p. 181, Catalogue no. 92-351-XPE).

Urban Area: For the Family Food Survey in 1996 (based on the LFS sampling frame), urban areas include:

1. all larger metropolitan areas (even though they do contain some rural areas);
2. most smaller metropolitan areas (also called census agglomerations). Where a census agglomeration contains a large rural population, only the urban portion is considered urban.
3. urban areas based on the census definition: "Urban areas have minimum population concentrations of 1,000 and a population density of at least 400 per square kilometre, based on the previous census population counts".

Rural Area: All territory outside urban areas is considered rural. Taken together, urban and rural areas cover all of Canada (10 provinces).

HOUSING

Type of dwelling

<u>Code</u>	<u>Classification</u>
1	Single detached house
2	Semi-detached or double house
3	Row house or terrace
4	Duplex
5	Apartment
6	Other

Source

FE2 (Schedule)
Section B. Characteristics of Dwelling Occupied by Household,
Question 1.

Note

“Other” includes hotels, rooming or lodging houses, logging and construction camps, and mobile homes.

The living quarters occupied by households would in most cases be a dwelling.

Dwellings attached to non-residential buildings are included in Code 2.

For roomers however, the room(s) occupied are the living quarters and the dwelling code would be 6.

Tenure

<u>Code</u>	<u>Classification</u>
1	Owned without a mortgage by the household
2	Owned with (a) mortgage(s) by the household
3	Rented (includes occupied rent-free)

Source

FE2 (Schedule)
Section B. Characteristics of Dwelling Occupied by Household,
Question 2.

CHARACTERISTICS OF REFERENCE PERSON

The household reference person is the member of the household listed on the questionnaire who is mainly responsible for its financial maintenance (e.g. pays the rent, mortgage, property taxes, electricity, etc.). This person can be either male or female. When all members of the household share equally in financial maintenance, any member may be designated the reference person.

Marital status of reference person

<u>Code</u>	<u>Classification</u>
1	Married (to a household member)
2	Never married (single)
3	Other (separated, divorced, widowed, etc.)

Source

FE2 (Schedule)
Section A. Household Composition,
Question 5 (column).

Note

For the reference person to be classified as married, the spouse must be a member of the household. Common-law spouse of a household member is included in “married (to a household member)”.

Age of reference person

<u>Code</u>	<u>Classification</u>
24	Ages 24 years and under
25-69	Actual age
70	Ages 70 to 74 years
75	Ages 75 to 79 years
80	Ages 80 years and over

Source

FE2 (Schedule)
Section A. Household Composition,
Question 3 (column).

Gender of reference person

<u>Code</u>	<u>Classification</u>
1	Male
2	Female

Source

FE2 (Schedule)
Section A. Household Composition,
Question 4 (column).

Educational level of reference person

<u>Code</u>	<u>Classification</u>
1	Less than 9 years of education
2	Some or completed secondary education
3	Some post-secondary education
4	Post-secondary non-university certificate or diploma
5	University degree
6	Not stated

Source

FE2 (Schedule)
Section A. Household Composition,
Question 12.

Occupation of reference person

<u>Code</u>	<u>Classification</u>
01	Managerial and Administrative
02	Professional and Technical
03	Teaching
04	Clerical
05	Sales
06	Services
07	Farming, Fishing, Forestry and Logging Operations
08	Mining, Processing and Machining
09	Product Fabricating, Assembling and Repairing
10	Construction
11	Other Occupations
12	Not Working, including retired
13	Not stated

Source

FE2 (Schedule)
Section A. Household Composition,
Question 6 (column).

Note

The occupation classification code refers to the occupation held for the longest period during the twelve months preceding the interview. Priority is given to any work activity so that if the person was “not working” or “retired” for most of the year, the classification is not 12 but rather one of the other codes as appropriate. The occupational codes and classifications are determined as per the 1980 Standard Occupational Classification (SOC) code.

Number of weeks worked full-time (reference person)

This includes:

Weeks worked full-time including holidays with pay

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Question 1a.

Note

Full-time work is defined as working 30 hours or more per week.

Number of weeks worked part-time (reference person)

This includes:

Weeks worked part-time including holidays with pay

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Question 1b.

Note

Part-time work is defined as working less than 30 hours per week.

Country of birth of reference person

<u>Code</u>	<u>Classification</u>
1	Canada
2	United Kingdom, North America, North and West Europe. United States, Greenland, St. Pierre and Miquelon, Denmark, Finland, Iceland, Norway, Ireland, Sweden, Germany, Austria, Belgium, France, Luxembourg, Netherlands, Switzerland, Liechtenstein, Monaco, Other Western European Countries.
3	South and East Europe. Italy, Greece, Malta, Portugal, Spain, Albania, Yugoslavia (former Bosnia and Herzegovina), Croatia, Macedonia, Slovenia, Andorra, Cyprus, Gibraltar, San Marino, Vatican City State, Other Southern European Countries, Poland, Czechoslovakia, Hungary, Romania, USSR, former Bulgaria (European component), Ukraine, Estonia, Armenia, Georgia, Latvia, Russia Federation, Lithuania, Other Eastern European Countries.

- 4 **Asia and Oceania.** Peoples Republic of China, Hong Kong, Japan, Korea - North and South, Taiwan, Viet Nam, Macau, Mongolia, Brunei, Darussalam, Myanmar, Cambodia, Laos, Malaysia, Philippines, Singapore, Thailand, Bangladesh, India, Pakistan, Punjab, Sri Lanka, Indonesia, Malaya, Bhutan, Maldives, Australia, New Zealand, America Samoa, Belaulaysia, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Federated States of Micronesia, New Caledonia, Papua New Guinea, Pitcairn, Solomon Islands, Tonga, Tuvalu, Vanuata, Wallis and Futuna, Samoa.
- 5 **Other and Not Stated.** Iran, Iraq, Israel, Lebanon, Syria, Afghanistan, Turkey, Bahrain, Jordan, Kuwait, Oman, Qatar, Saudia Arabia, United Arab Emirates, Yemen, Other Middle Eastern Countries, Kenya, Morocco, Sudan, Uganda, Algeria, Benin, Burkina Faso, Cape Verde, Egypt, Libya, Tunisia, Western Sahara, Zambia, Gambia, Ghana, Guinea, Guines-Bissau, Côte d'Ivoire, Liberia, Mali, Mauritania, Namibia, Niger, Nigeria, Senegal, Sierra Leone, St. Helena, Togo, Burundi, Comoros, Djibouti, Ethiopia, Madagascar, Malawi, Mauritius, Mayotte, Reunion, Seychelles, Somali, Republic of South Africa, Mozambique, Angola, Batswani, Cameroon, Congo, Central Africa Republic, Equatorial Guinea, Gabon, Zaire, United Republic of Tanzania, Sao Tome and Principe, Botswana, Lesotho, Zimbabwe, Swaziland, Other African Countries, Guyana, Guiana, Mexico, Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Argentina, Bolivia, Brazil, Chile, Columbia, Ecuador, Falkland Islands (Malvinas), Paraguay, Peru, Suriname, Uruguay, Venezuela, Other Central American Countries, Barbados, Cuba, Dominican Republic, Haiti, Jamaica, Puerto Rico, Trinidad and Tobago, Anguilla, Antigua an Barbuda, Aruba, Bahamas, Cayman Islands, Dominica, Grenada, Guadeloupe, Martinique, Montserrat, Netherlands Antilles, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Turks and Caicos Islands, Virgin Islands (British), Virgin Islands (USA), Other West Indies,

Source

FE2 (Schedule)
Section A. Household Composition,
Question 10.

CHARACTERISTICS OF SPOUSE OF REFERENCE PERSON

Age of spouse

<u>Code</u>	<u>Classification</u>
00	No spouse present in household
24	Ages 24 years and under
25-69	Actual Age
70	Ages 70 to 74 years
75	Ages 75 to 79 years
80	Ages 80 years and over

Source

FE2 (Schedule)
Section A. Household Composition,
Question 3 (column).

Gender of spouse

<u>Code</u>	<u>Classification</u>
0	No spouse present in household
1	Male
2	Female

Source

FE2 (Schedule)
Section A. Household Composition,
Question 4 (column).

Educational level of spouse

This includes:

<u>Code</u>	<u>Classification</u>
0	No spouse present in household
1	Less than 9 years of education
2	Some or completed secondary education
3	Some post-secondary education
4	Post-secondary non-university certificate or diploma
5	University degree
6	Not stated

Source

FE2 (Schedule)
Section A. Household Composition,
Question 16.

Occupation of spouse

<u>Code</u>	<u>Classification</u>
00	No spouse present in household
01	Managerial and Administrative
02	Professional and Technical
03	Teaching
04	Clerical
05	Sales
06	Services
07	Farming, Fishing, Forestry and Logging Operations
08	Mining, Processing and Machining
09	Product Fabricating, Assembling and Repairing
10	Construction
11	Other Occupations
12	Not Working, including retired
13	Not Stated

Source

FE2 (Schedule)
Section A. Household Composition,
Question 6 (column).

Note

The occupational classification code refers to the occupation for the longest period during the twelve months preceding the interview. Priority is given to any work activity so that if the person was “not working” or “retired” for most of the year, the classification is not 12 but one of the other codes as appropriate. The occupational codes and classifications are determined as per the 1980 Standard Occupation Classification (SOC) code.

Number of weeks worked full-time (spouse)

This includes:

Weeks worked full-time including holidays with pay

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Question 1a.

Note

Full-time work is defined as working 30 hours or more per week.

Number of weeks worked part-time (spouse)

This includes:

Weeks worked part-time including holidays with pay

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Question 1b.

Note

Part-time work is defined as working less than 30 hours per week.

Country of birth of spouse

Source

FE2 (Schedule)
Section A. Household Composition,
Question 14

Note

For a breakdown of the codes and classification, refer to “*Country of birth of reference person*”

HOUSEHOLD DESCRIPTION

All income fields and income components (field 37 to field 42) have no implied decimals.

For all income related variables, please refer to Section 3, "Technical Descriptions" for a discussion of the rounding of income data.

Household type

<u>Code</u>	<u>Classification</u>
1	One-person households
2	Husband-wife households without children and without additional persons
3	Husband-wife households with unmarried children and without additional persons
4	Husband-wife households with additional persons
5	Lone-parent households
6	Other households - all persons related
7	Other households - at least one unrelated person

Source

FE2 (Schedule)
Section A. Household Composition,
Questions 2, 3 and 5 (column).

Note

"Husband-wife households" include those headed by both married and common-law couples.

"Husband-wife household with additional persons" may be with or without unmarried children.

"Additional persons" includes both related and unrelated persons.

"Children" can be any age as long as they are single (never married). Foster children are included.

“Lone-parent households” consist of a parent and one or more single, never-married children.

“Related persons” includes children who are no longer single, never-married and other relatives by birth or marriage.

“Unrelated persons” are household members who are not related to the reference person (e.g. lodgers and roommates).

Household size

This includes all persons who were members of the household at the time of the interview.

<u>Code</u>	<u>Classification</u>
--------------------	------------------------------

0 – 5	Actual number
6	6 or more persons

Source

FE2 (Schedule)
Section A. Household Composition,
Question 1 (column).

Number of seniors 65 years or more

<u>Code</u>	<u>Classification</u>
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0 – 1	Actual number
2	2 or more persons

Source

FE2 (Schedule)
Section A. Household Composition,
Question 3; Age at time of interview.

Note

This includes all persons who were members of the household at the time of the interview.

Number of adults 25 to 64 years

<u>Code</u>	<u>Classification</u>
0 – 1	Actual number
2	2 or more persons

Source

FE2 (Schedule)
Section A. Household Composition,
Question 3; Age at time of interview.

Note

This includes all persons who were members of the household at the time of the interview.

Number of youths 15 to 24 years

<u>Code</u>	<u>Classification</u>
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0 – 1	Actual number
2	2 or more persons

Source

FE2 (Schedule)
Section A. Household Composition,
Question 3; Age at time of interview.

Note

This includes all persons who were members of the household at the time of the interview.

Number of children under 15 years

<u>Code</u>	<u>Classification</u>
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0 – 1	Actual number
2	2 or more persons

Source

FE2 (Schedule)
Section A. Household Composition,
Question 3; Age at time of interview.

Note

This includes all persons who were members of the household at the time of the interview.

Number of persons at home

<u>Code</u>	<u>Classification</u>
0 – 5	Actual number
6	6 or more persons at home

Source

FE2 (Schedule)
Section A. Household Composition,
Question 1 (column).

FE3 (Diary) page 23,
Question 1.

Note

The number of persons in the household adjusted for the number of nights any members spent away from home overnight or longer during the survey week.

This field has two implied decimals.

Number of full-time earners

<u>Code</u>	<u>Classification</u>
0	Income was not stated or no full-year, full-time earners
1-2	Actual number of full-year, full-time earners
3	Three or more full-year, full-time earners

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Question 1a.

Note

Use the "Income not stated" flag to isolate the households with no earners. A person was employed full-year, full-time during the twelve-month period preceding the interview if he or she worked at least forty-nine weeks, more than twenty-four of which were full-time.

Number of part-time earners

<u>Code</u>	<u>Classification</u>
0	Income was not stated or no part-time, part-year earners
1-2	Actual number of part-time and/or part-year earners
3	Three or more part-time and/or part-year earners

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Question 1b.

Note

Use the “Income not stated” flag to isolate the households with no earners. A person was employed part-year and/or part-time during the twelve-month period preceding the interview if he or she was employed but did not meet the requirements for full-year, full-time employment status.

Number of economic families

<u>Code</u>	<u>Classification</u>
1	One economic family in the household
2	Two or more economic families in the household

Source

FE2 (Schedule)
Section A. Household Composition,
Question 7 (column).

Note

An economic family is a group of two or more persons who live in the same dwelling and are related to each other by blood, marriage, adoption or common-law. A one-person household is one economic family. Households with unrelated members would fall under two or more economic families.

Employment insurance recipients (EI) flag

<u>Code</u>	<u>Classification</u>
0	No recipients in the household or no income stated
1	At least one recipient in the household

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Question 12.

Social assistance flag

<u>Code</u>	<u>Classification</u>
0	No member of the household received social assistance benefits or income not stated
1	At least one member of the household received social assistance benefits

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Question 13.

Income before taxes

This includes income from:

Wages and salaries
Self-employment
Investment income
Government transfer payments
Income from other sources

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Questions 2 to 18.

Note

This includes income of all members of the household who were 15 years of age or older at the time of the interview. This does not refer to calendar year 1996 income. Income from the Food Survey refers to varying income periods ranging approximately from the previous calendar year for the January sample to the 1996 calendar year for the December sample. Some respondents are unable to provide good estimates of income from some of the sources over a non-standard period.

If the income was not stated, this field is set to zero.

Income from wages and salaries

This includes income from the following sources:

Wages and salaries before deductions
Military pay and allowances
Commissions, bonuses and tips

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Questions 2 and 3.

Note

This includes income of all members of the household who were 15 years of age or older at the time of the interview.

This includes income before deductions received during the past 12 months from all jobs and for all members of the household.

If the income was not stated, this field is set to zero.

Income from self-employment

This includes income from the following sources:

Non-farm (unincorporated businesses)

Farm self-employment net income

Gross income from roomers and boarders (excluding payments received from relatives)

Source

FE2 (Schedule)

Section E. Personal Income in the Past Twelve Months,
Questions 4 and 5.

Note

This includes income of all members of the household who were 15 years of age or older at the time of the interview.

If the income was not stated, this field is set to zero.

This field may be negative.

Income from investment

This includes income from the following sources:

Interest on bank accounts and other deposits, savings certificates, Canada Saving Bonds and other bonds (excluding RRSP)

Dividends (actual amount received)

Other investment income

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Questions 6 to 8.

Note

This includes income of all members of the household who were 15 years of age or older at the time of the interview.

“Other investment income” includes net rent on owned property, income from estate or trust funds, interest from loans or mortgage investments, and dividends from insurance companies.

If the income was not stated, this field is set to zero.

This field may be negative.

Income from government transfer payments

This includes income from the following sources:

Child Tax Benefit (includes Quebec Family Allowance and Quebec Allowance for Newborn Children)

Old Age Security Pension, Guaranteed Income Supplement and Spouse's Allowance from Federal Government

Canada or Quebec Pension Plan Benefits

Employment Insurance Benefits (EI)

Social Assistance and Provincial Income Supplements

Good and Services Tax Credit (GST)

Provincial Tax Credits (including Quebec Real Estate Tax Refund)

Other income from government sources (i.e. disability)

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Questions 9 to 15 and 18.

Note

For all members of the household who were 15 years of age or older at the time of the interview.

If the income not stated flag equals one, this field is set to zero.
This field may be negative.

Income from other sources

This includes income from the following sources:

Retirement pensions, Superannuation, Annuities
Other money income

Source

FE2 (Schedule)
Section E. Personal Income in the Past Twelve Months,
Questions 16 and 17.

Note

This includes income of all members of the household who were 15 years of age or older at the time of the interview.

“*Other money income*” includes pensions arising out of previous employment, individually purchased annuities, income from child support, non-refundable scholarships and bursaries, income from other countries, or other money income not reported elsewhere.

If the income not stated flag equals one, this field is set to zero.

Income not stated flag

<u>Code</u>	<u>Classification</u>
0	Income on file
1	Income not stated

EXPENDITURES

Unless otherwise specified, all expenditures are weekly purchases.

All expenditure items have two implied decimals.

All quantity fields have three implied decimals.

*A **conversion factor** allows monthly responses to be converted to weekly responses. The **conversion factor** is the number of months in a year divided by 52 weeks (12 divided by 52 = .2308) resulting in the average number of weeks per month. The **conversion factor** is applied to all monthly responses.*

Number of meals consumed but not purchased from restaurants directly while away overnight or longer

This includes meals:

- Received free from friends or relatives
- Reimbursed as a business expense
- Included in package trips
- Prepared food brought from home or purchased from stores while away from home
- Part of board paid to private households
- Received from any other source except restaurants

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the
Previous Month,
Question 3.

Note

This is the number of meals consumed for a one-week period. This figure was calculated by multiplying the responses to FE2 (Schedule) Section D, Food and Beverages While Away from Home Overnight or Longer During the Previous Month, Question 3 by 0.2308.

Number of meals received free or reimbursed while on local and day trips

This includes the number of meals received:

From friends or relatives
Other

Source

FE3 (Diary) page 23,
Questions 4, 5 and 6.

Note

Other includes meals consumed outside the home but not purchased directly from restaurants.

Total meals received free or reimbursed

This includes the number of meals received:

While on trips overnight or longer
Locally and on day trips

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the
Previous Month,
Question 3.

FE3 (Diary)
Page 23,
Question 4, 5 and 6.

Meals served to guests

This includes the number of meals served:

To guests
To non-household members

Source

FE3 (Diary)
Page 23, Question 3.

Value of food not purchased

This is the value of food that was not purchased. Such as:

Gifts of foods
Food from farms or gardens
Food from hunting or fishing

Source

FE3 (Diary)
Page 23, Question 7.

Total food purchased

This includes:

Food purchased from stores
Food purchased from restaurants

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the Previous Month,
Questions 4 and 5.

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7 to 22.

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 7 to 22.

Note

The figure for food and beverages while away from home was calculated by multiplying the responses to FE2 (Schedule) Section D by 0.2308.

Food purchased from stores

This includes purchases from stores:

Locally and on day trips
On trips overnight or longer

OR

Food purchased from specialty stores
Food purchased from convenience stores
Food purchased from super markets
Food purchased from other stores

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the
Previous Month,
Question 5.

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7 to 22.

Note

The figure for food and beverages while away from home was calculated by multiplying the responses to FE2 (Schedule) Section D by 0.2308.

Food purchased from stores locally and on day trips

This includes expenditures on:

- Meat
- Fish and other marine products
- Dairy products and eggs
- Bakery and other cereal products
- Fruits and nuts
- Vegetables
- Condiments, spices and vinegar
- Sugar and sugar preparations
- Coffee and tea
- Fats and oils
- Other foods, food materials and preparations
- Non-alcoholic beverages

Source

FE3 (Diary) Food and Beverages Purchased from Stores,
Pages 7 to 22.

Meat

This includes expenditures on:

- Fresh or frozen meat
- Fresh or frozen poultry meat
- Other meat and meat preparations

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7, 9, 11, 13, 15, 17, 19, 21.

Fish and other marine products

This includes expenditures on:

Fish
Other marine products

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7, 9, 11, 13, 15, 17, 19, 21.

Dairy products and eggs

This includes expenditures on:

Dairy products
Eggs

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7, 9, 11, 13, 15, 17, 19, 21.

Bakery and other cereal products

This includes expenditures on:

Bakery products
Pasta products
Cereal grains and other cereal products

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7, 9, 11, 13, 15, 17, 19, 21.

Fruits and nuts

This includes expenditures on:

Fruits
Nuts

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7, 9, 11, 13, 15, 17, 19, 21.

Vegetables

This includes expenditures on:

Fresh vegetables
Other vegetables and vegetable preparations

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7, 9, 11, 13, 15, 17, 19, 21.

Condiments, spices and vinegar

This includes expenditures on:

Pickles
Ketchup
Other sauces and sauce mixes
Mayonnaise and salad dressings
Other condiments
Spices

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Sugar and sugar preparations

This includes expenditures on:

Sugar and syrup
Sugar preparations

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Coffee and tea

This includes expenditures on:

Coffee
Tea

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Fats and oils

This includes expenditures on:

Margarine
Shortening
Lard
Cooking and salad oil

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Other foods, food materials and preparations

This includes expenditures on:

Soup
Infant or junior food
Pre-cooked frozen food preparations
Materials for food preparations
Other food preparations

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Non-alcoholic beverages

This includes expenditures on:

Carbonated beverages

Fruit drinks

Other non-alcoholic beverages

Source

FE3 (Diary)

Food and Beverages Purchased from Stores,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Food purchased from stores while on trips overnight or longer

Source

FE2 (Schedule)

Section D. Food and Beverages While Away from Home
Overnight or Longer During the Previous Month,
Question 5.

Note

Food purchased while on trips overnight or longer was collected for the previous month. The figure was averaged to weekly expenditure by multiplying by 0.2308.

Food purchased from restaurants locally and on day trips

This includes expenditures on food purchased:

Locally or on day trips

Source

FE2 (Schedule)

Section D. Food and Beverages While Away from Home Overnight or Longer During the Previous Month,
Question 4.

FE3 (Diary)

Food and Beverages Purchased from Restaurants,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Food purchased from restaurants while on trips overnight or longer

Source

FE2 (Schedule)

Section D. Food and Beverages While Away from Home Overnight or Longer During the Previous Month,
Question 4.

Note

Food from restaurants while away from home was collected for the previous month. The figure was averaged to weekly expenditure by multiplying by 0.2308.

Food purchased from specialty stores

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10,12, 14, 16, 18, 20 and 22.

Note

Food Specialty Stores are retail stores which offer a wide variety of a limited number of items. Included in this group are butcher stores, fresh produce stores, bakery shops, fish markets, candy and nut stores, delicatessens, health food stores and soft drink outlets. Outdoor farmers' markets or stands are also included in this group, as are direct purchases from producers and frozen food provisioners.

Food purchased from convenience stores

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10,12, 14, 16, 18, 20 and 22.

Note

Convenience Stores are retail stores which offer a limited variety of a general line of groceries (food and non-food items). These stores normally have extended hours.

Food purchased from supermarkets

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10,12, 14, 16, 18, 20 and 22.

Note

Supermarkets are retail stores which offer a wide variety of most grocery items (food and non-food). Retail co-operatives are included in this group.

Food purchased from other stores

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 8, 10,12, 14, 16, 18, 20 and 22.

Note

Other Stores includes any other type of retail outlet involved in selling food items. Also included are food items such as confections and soft drinks obtained from non-food stores such as department stores, drug stores and other outlets. Purchases from restaurants (including vending machines) should be reported separately in the restaurant section.

FOOD PURCHASED FROM RESTAURANTS LOCALLY AND WHILE ON TRIPS OVERNIGHT OR LONGER

Table service restaurants

This includes expenditures on:

Breakfasts
Lunches
Dinners
Between-meal food, snacks and non-alcoholic beverages

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the
Previous Month,
Question 4.

FE3 (Diary)
Food and Beverages Purchased from Restaurants
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Note

This includes restaurants which take orders and serve food and/or beverages at a table or eating counter, food purchased from restaurants locally and on day trips and while away from home overnight or longer. Food from restaurants while away from home overnight or longer was collected for the previous month. The figure was averaged to weekly expenditure by multiplying by 0.2308.

Fast food restaurant, eat-in or drive-in

This includes expenditures on:

Breakfasts
Lunches
Dinners
Between-meal food, snacks and non-alcoholic beverages

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the Previous Month,
Question 4.

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Note

Included are restaurants other than table service where food and beverages are ordered and received in a minimum of time and provides a sit-down eating area and/or parking area for in-car or off-premise consumption. Also included are foods purchased from restaurants locally and on day trips and while away from home overnight or longer. Food from restaurants while away from home overnight or longer was collected for the previous month. The figure was averaged to weekly expenditure by multiplying by 0.2308.

Fast food restaurant, take-out or delivery

This includes expenditures on:

Breakfasts
Lunches
Dinners
Between-meal food, snacks and non-alcoholic beverages

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home
Overnight or Longer During the Previous Month,
Question 4.

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Note

Restaurants other than table service where food and beverages are ordered and received in a minimum of time and normally does not provide any eating area, inside or out. This includes food purchased from restaurants locally and on day trips and while away from home overnight or longer. Food from restaurants while away from home overnight or longer was collected for the previous month. The figure was averaged to weekly expenditure by multiplying by 0.2308.

Cafeteria

This includes expenditures on:

Breakfasts
Lunches
Dinners
Between-meal food, snacks and non-alcoholic beverages

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the
Previous Month,
Question 4.

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10, 12, 14, 16, 18, 20 and 22.

Note

This is a private or public self-serve eating place where a tray is provided on which to select and carry food items to a cashier. A sit-down eating area is provided. This includes food purchased from restaurants locally and on day trips and while away from home overnight or longer. Food from restaurants while away from home overnight or longer was collected for the previous month. The figure was averaged to weekly expenditure by multiplying by 0.2308.

Other restaurants

This includes expenditures on:

Breakfasts
Lunches
Dinners
Between-meal food, snacks and non-alcoholic beverages

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home
Overnight or Longer During the Previous Month,
Question 4.

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10, 12, 14, 16, 18, 20 and 22

Note

This includes food purchased from refreshment stands, snack bars, vending machines, mobile canteens, chip wagons, caterers, coffee wagons, etc. Also included are foods purchased from restaurants locally and on day trips and while away from home overnight or longer. Food from restaurants while away from home overnight or longer was collected for the previous month. The figure was averaged to weekly expenditure by multiplying by 0.2308.

Total restaurant expenditure

This includes expenditures from the following types of restaurants:

Table service
Eat-in or drive-in fast food
Fast food take-out
Cafeteria
Other

OR

Food purchased from restaurants locally and on day trips
Food purchased from restaurants while on trips over night or longer

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home
Overnight or Longer During the Previous Month,
Question 4.

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10, 12, 14, 16, 18, 20 and 22

Note

Total restaurant expenditure includes food purchased from restaurants locally and on day trips and while away from home overnight or longer. Food from restaurants while away from home overnight or longer was collected for the previous month. The figure was averaged to weekly expenditure by multiplying by 0.2308.

Number of breakfasts purchased from restaurants locally and on day trips

Source

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10,12, 14, 16, 18, 20 and 22.

Number of lunches purchased from restaurants locally and on day trips

Source

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10,12, 14, 16, 18, 20 and 22.

Number of dinners purchased from restaurants locally and on day trips

Source

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10,12, 14, 16, 18, 20 and 22.

Number of breakfasts purchased from restaurants while on trips overnight or longer

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the Previous Month,
Question 4.

Note

Food from restaurants while away from home overnight or longer was collected for the previous month. The number was averaged to weekly number of meals by multiplying by 0.2308.

Number of lunches purchased from restaurants while on trips overnight or longer

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the Previous Month,
Question 4.

Note

Food from restaurants while away from home overnight or longer was collected for the previous month. The number was averaged to weekly number of meals by multiplying by 0.2308.

Number of dinners purchased from restaurants while on trips overnight or longer

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the Previous Month,
Question 4.

Note

Food from restaurants while away from home overnight or longer was collected for the previous month. The number was averaged to weekly number of meals by multiplying by 0.2308.

Total number of meals purchased from restaurants

This includes meals purchased:

Locally or on day trips
While on trips overnight or longer

Source

FE2 (Schedule)
Section D. Food and Beverages While Away from Home Overnight or Longer During the Previous Month,
Question 4.

FE3 (Diary)
Food and Beverages Purchased from Restaurants,
Pages 8, 10,12, 14, 16, 18, 20 and 22.

Note

Meals from restaurants while away from home overnight or longer was collected for the previous month. The number was averaged to weekly number of meals by multiplying by 0.2308.

DAILY EXPENDITURES PURCHASED FROM STORES

First day of diary

<u>Code</u>	<u>Classification</u>
-------------	-----------------------

1	1 – 7 day
---	-----------

Source

FE3 (Diary)
Cover.

Note

Reflects the day of the diary.

First day's expenditure

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7, 8 and 21.

Second day's expenditure

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 9, 10 and 21.

Third day's expenditure

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 11, 12 and 21.

Fourth day's expenditure

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 13, 14 and 21.

Fifth day's expenditure

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 15, 16 and 21.

Sixth day's expenditure

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 17, 18 and 21.

Seventh day's expenditure

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 19, 20 and 21.

ADDITIONAL VARIABLES

Household record flag

<u>Code</u>	<u>Classification</u>
0	Not the first household record
1	First household record

Note

The household record flag indicates if this is the record for information from the household's primary/first diary.

Section 2.

THE PUBLIC-USE MICRODATA DETAILED ITEM FILE

Technical characteristics of the detailed item file

CONTENT: Family Food Expenditures - 1996

SOURCE: Food Expenditure Survey in 1996
Income Statistics Division
Statistics Canada

DATA SET DEFINITION:

DATA SET NAME: PUMD_FOOD96_DETAIL_FILEV2.TXT

FILE SEQUENCE NUMBER: 2

NUMBER OF RECORDS: 907,311

FORMAT: Fixed Length
Record Size = 30

SEQUENCE CONTROL FIELD TITLE: "Identification Number"

SEQUENCE ORDER Ascending

RECORD LAYOUT OF PUMD_FOOD96_DETAIL_FILEV2

Field	Size	Implied Decimal Position	Type	Title	DESCRIPTION
1	5	0	1 - 5	N	IDENTIFICATION NUMBER
2	1	0	6	N	WEEK
3	4	0	7 - 10	N	FOOD ITEM CODE
4	1	0	11	AN	TYPE OF STORE
5	7	3	12 - 18	N	QUANTITY
6	7	2	19 - 25	N	EXPENDITURE
7	5	0	26 - 30	N	WEIGHT

VARIABLE DESCRIPTIONS OF THE DETAILED ITEM FILE

Identification number

Each household has a unique five-digit number which identifies each household on the file. The numbers begin at 00001 and end at 10,924. The identification number enables the user to identify all records containing purchases by a household. Duplicate record numbers will be on the file for all households with two completed diaries. The identification number links the summary household file to the detailed items file.

Week

<u>Code</u>	<u>Classification</u>
1	Diary completed during first week after interview
2	Diary completed during second week

Food item code

Each food item has a unique code. For a complete list of the food items and their respective codes, see *Appendix A*.

Type of store

<u>Code</u>	<u>Classification</u>
1	Food specialty store
2	Convenience store
3	Supermarket
4	Other store

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7 to 22.

Note

Food specialty stores are retail stores which offer a wide variety of a limited number of items. Included in this group are butcher stores, fresh produce stores, bakery shops, fish markets, candy and nut stores, delicatessens, health food stores and soft drink outlets. Outdoor farmers' markets or stands are also included in this group as are direct purchases from producers and frozen food provisioners.

Convenience stores are retail stores which offer a limited variety of a general line of groceries (food and non-food items) are also included. These stores normally have extended hours.

Supermarkets are retail stores which offer a wide variety of most grocery items (food and non-food). Retail co-operatives are included in this group.

Other stores are any other type of retail outlet involved in selling food items.

Quantity

Is a measurement of the net weight or volume and may be in litres, kilograms or number of units. There are three (3) implied decimals in this field.

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7 to 22.

Expenditure

Expenditure is the total amount spent on this item in the given week at the type of store. The amount is measured in cents (i.e., two implied decimals).

Source

FE3 (Diary)
Food and Beverages Purchased from Stores,
Pages 7 to 22.

Weight

In order to provide estimates applicable to the population in the ten provinces, it is necessary to weight each record. This weight reflects the variation in sampling and response rates among geographic areas and household types.

Certain records have been reweighted to mask household location within geographic areas. For a detailed description of weight, refer to *Section 3, Technical Descriptions*.

Section 3.

TECHNICAL DESCRIPTIONS

The Sample

The 1996 Food Expenditure Survey (FOODEX) was carried out in the 10 provinces as well as in Whitehorse and Yellowknife.

As in previous surveys, the sample for the 1996 survey was selected from the Labour Force Survey sampling frame¹. The selection of the sample comprised two main steps: the selection of clusters from predetermined Labour Force Survey rotation groups within each area and the selection of dwellings within these selected clusters.

The sample was drawn for the whole year and then divided into monthly subsamples to evenly distribute data collection over the entire 1996 calendar year.

Persons living on Indian reserves and families of official representatives of foreign countries living in Canada were excluded from the survey. Members of religious and other communal colonies were excluded, as were persons living full time in institutions or chronic care patients living in hospitals and nursing homes. Data were not gathered from persons temporarily living away from their families (for example, students at university), because data on such persons would theoretically have been gathered from their families. In this way, double counting of such individuals was avoided.

Data collection

The Food Expenditure Survey is designed to supplement the Survey of Family Expenditures by providing a level of expenditure detail on food commodities not feasible in the context of the latter survey's methodology (an annual recall). Only an aggregate estimate of food expenditure for the survey year is recorded on the Survey of Family Expenditures.

¹ A detailed description of the Labour Force Survey sampling frame can be found in Methodology of the Canadian Labour Force Survey. Statistics Canada; Catalogue No. 71-526.

The results of the Survey of Family Expenditures are published in "Family Expenditure in Canada, 1996", catalogue number 62-555-XPB.

To allow for seasonal and other changes during the survey year, 12 different monthly subsamples were allocated throughout the calendar year 1996. Two separate documents were used in the data collection procedure for the survey: a questionnaire (FE2), and two diaries (FE3). The FE2 questionnaire was used primarily to collect selected socio-economic characteristics (including income), as well as information on the household's purchasing habits and food expenditures if away from home during the previous month.

Following the interview, respondents were asked to maintain a daily record of all food expenditures (excluding those while on a trip overnight or longer) using two FE3 one-week diaries. Respondents were asked to provide detailed descriptions of daily food purchases including type of packaging (frozen, canned, dried, other), number of units purchased, net weight or volume per unit (in either metric or imperial measure), the total cost of the purchase and whether purchased from a food speciality store, convenience store, supermarket or other store.

For meals and snacks in restaurants, only the type of meal (breakfast, lunch, dinner, between-meals food) was requested. Respondents were asked to record the number of meals and total cost, and to indicate whether purchased from a table-service restaurant, fast food restaurant, cafeteria or other restaurant. Respondents were also asked to indicate the cost of alcoholic beverages separately from meal cost (to ensure that the meal cost excluded alcoholic beverages).

At the end of each one-week recording period, interviewers were required to return to the respondent's home to pick-up and review the previous week's diary for completeness and accuracy. At the same time, information was collected on items which may have influenced the previous week's purchasing pattern and level of expenditure such as member absences during the week, number of meals served to guests or other non-household members, free meals received, food received as gifts or home produced, food from hunting or fishing.

Adjustments for bias in purchases from stores

Average expenditures and quantities for food purchased from stores locally and on day trips have been adjusted to allow for apparent shortfalls in the reported data. An adjustment factor of 1.158 has been applied to each expenditure and quantity item. See “Non-sampling error” below.

Quality control

To maximize accuracy during the processing of the survey data, strict procedures for quality control were followed. Editing was carried out in stages. A preliminary edit, mainly for completeness, took place in the field, and incomplete questionnaires/diaries were returned to the interviewer for follow up.

The processing system consisted of:

1. Reviewing each schedule for general quality, special notes.
2. Coding item descriptions as well as some other variables. Approximately 200 different food codes were used.
3. Keying data into an interactive data capture and editing system. This system applied approximately 150 different edit checks as the data were being entered. Corrections could, therefore, be made as data were entered or as soon as the entire questionnaire had been entered. Unit price limits were one of the principal edits applied to items reported on the diary.
4. Reviewing the data to locate extreme values for review and correction if required. Non-response fields were identified and values were imputed.

In addition, a statistical quality control procedure was used for the 1996 survey. Each month, samples of questionnaires and diaries were randomly selected and reviewed to ensure that the coding, editing and keying operations were meeting specific quality targets. That procedure allowed for feedback to identify operational problems and contributed thereby to improve the quality of the data produced.

Sample response

The overall response rate was 76.3%.

Weighting

The estimation of population characteristics from a sample survey is based on the premise that each sampled unit represents a certain number of units in the population. A basic survey weight was attached to each record in the sample to reflect this representation. These basic weights were adjusted, by calendar quarter, for non-response for each of the 18 metropolitan areas and for each of 37 additional geographical areas.

An integrated method of weighting was then applied to these adjusted weights to ensure that weighted totals from the sample would respect independent control totals of the population. These controls, based on projections from the 1991 Census, were the number of persons under 15, the number 15 to 64 and the number 65 or older for each of 18 metropolitan areas and for each province. Controls for the number of one-person households and the number of multi-person households for each of the 10 provinces, Whitehorse and Yellowknife were also used.

All weekly records from a household received the same weight. Records have been reweighted to mask location within geographic areas.

The reliability of sample estimates

Sampling error

Sampling errors occur because inferences about the entire population are based on information obtained from only a sample of the population. The sample design, the method of estimation, the variability of the data, and the sample size determine the size of the sampling error.

The sample design for the Food Expenditure Survey was a stratified multi-stage sampling scheme. The sampling errors for such a design are usually higher than those for a simple random sample of the same size. However, the operational advantages outweigh this disadvantage and the fact that the sample is also stratified improves the precision of estimates.

In general, the greater the differences between members of the population with respect to spending on a specific item, the larger the sampling error (expressed as a percent of the estimate it refers to) will be.

A common measure of sampling error is the Standard Error (SE). Standard error is the degree of variation in the estimates as a result of selecting one particular sample rather than another of the same size and design. It has been shown that the “true” value of the characteristic of interest lies within a range of +/- 1 standard error of the estimate for 68% of all samples, and +/- 2 standard errors for 95% of all samples.

The coefficient of variation (CV) is the standard error expressed as a percentage of the estimate. It is used to indicate the degree of uncertainty associated with an estimate. For example, if the estimate of an average expenditure for a given category is \$75 and the corresponding CV is 5%, then the “true” value is between \$71.25 and \$78.75, 68% of the time and between \$67.50 and \$82.50, 95% of the time.

Standard errors for the 1996 Food Expenditure Survey were estimated using the jackknife technique which leads to a slight over-estimation and is, thus, conservative. For more information, refer to the Statistics Canada publication (Catalogue 71-526), Methodology of the Canadian Labour Force Survey.

Non-sampling error

Non-sampling errors occur because certain factors make it difficult to obtain accurate responses and retain their accuracy throughout processing. Unlike sampling error, non-sampling error is not readily quantified. Four sources of non-sampling error can be identified: coverage error, response error, non-response error, and processing error.

Coverage error results from inadequate representation of the intended population. This error may occur during the sample design or selection or both or during data collection and processing. There is no evidence of significant coverage error in the 1996 Food Expenditure Survey.

Response error may be due to many factors, including faulty design of the questionnaire, interviewers' or respondents' misinterpretation of questions, or respondents' faulty reporting. The diary method requires respondents to record their expenditures as they are made. Errors may arise, however, as respondents make transcription errors, use misleading terms for products, or guess, in the absence of price and quantity labels.

Because not all potential respondents cooperate fully, non-response error occurs in all sample surveys. This error is significant when a group of people with particular characteristics in common refuse to cooperate and where those characteristics are important determinants of survey results. Partial cooperation in the sense of failure to report some purchased items can also result in data of lesser quality.

Some of the non-response error associated with partial cooperation is measurable by examining the difference between first week and second week diaries. For two-week reporters, although the percentage distributions are virtually the same in both weeks, average expenditure on food purchased from stores in the second week is 10.9 % lower than in the first week.

This effect can also be seen by examining reported expenditures from stores by the diary day (see the following table). The expenditures reported on the first day of each week seem to be too high. In the first week there is a further decrease in the reported expenditure after the fourth day. The second week results show the larger decreases after the first and fifth days. The increase observed on the last day of each week reflects purchases remembered in the presence of the interviewer at the end of each week.

Average Daily Expenditure on Food from Stores¹ (Locally and on Day Trips) by Diary Week and Day, Canada (10 Provinces), 1996

	Two weekly diaries reported	
	Week one	Week two
Day 1	18.05	13.12
Day 2	12.46	10.79
Day 3	11.55	11.10
Day 4	11.28	10.02
Day 5	11.72	10.14
Day 6	9.56	9.82
Day 7	10.18	10.33

¹ Expenditures adjusted to correct for uneven distribution of the days of the week by day of diary.

During the questionnaire interview, respondents were asked to estimate their expenditure on food purchased from stores during a four-week period. A comparison of the average expenditures reported on the diaries with the questionnaire estimates yielded a difference of 15.8% in 1996. On the assumption that the questionnaire estimate of food purchased from stores is more reliable than the corresponding diary estimate, all diary estimates for food from stores purchased locally and on day trips have been increased in proportion to the ratio of the two numbers ($\$79.85/\$68.95 = 1.158$).

While separate adjustment factors could have been applied to all sub-groups of the population, in view of the underlying sampling and non-sampling errors, a single adjustment factor has been applied. No information is available to differentially adjust the commodity groups nor to indicate adjustments to the percentage reporting.

Adjustment factors of 1.163, 1.137 and 1.152 were applied respectively to the 1992, 1990 and 1986 Food Expenditure Survey estimates. Since the estimates from surveys prior to 1986 were not adjusted to compensate for under-reporting of food purchased from stores, the following adjustment factors should be applied before making comparisons with 1986, 1990, 1992 or 1996 estimates:

1982 = 1.090

1984 = 1.117

Note that the above adjustment factors are based on the national level of under-reporting where the survey in question has a national coverage (1982, 1986, 1992 and 1996). If the estimate of under-

reporting had been based on the 17 metropolitan areas only, the adjustment factors for 1982, 1986, 1992 and 1996 would have been 1.125, 1.173, 1.175 and 1.193 respectively.

No adjustments have been applied to the estimates of food expenditures in restaurants.

Processing errors may occur during the processing of the data, for example, during coding, data entry, editing, weighting, and tabulation. In this survey, procedures for quality control were used during the processing of data to try to keep such errors to a minimum.

Comparison of results with alternative sources

The two Statistics Canada data sources primarily used to verify food expenditure survey results are the personal expenditure statistics within the System of National Accounts and the statistics for the per capita disappearance food consumption published by the Agriculture Division. The reconciliation process involves adjusting the databases to a conceptual and geographical equivalence.

Data comparisons and verification procedures between the disappearance food consumption figures and the food expenditure survey data are complex. The reconciliation process involves comparing the amount of food available for purchase by private households (generated from the apparent data) with the amounts reported purchased by households in the food expenditure survey. Amounts available for use by private households are derived from the gross supply of food available (production of food in survey year plus food imports minus exports, adjusted for inventory levels at beginning and end of year) minus amounts used by non-private households. Difficulties arise in determining quantities of food purchased by the food service industry, amounts allocated to institutions, and for waste at the retail level. Such data are not currently available.

A global estimate for food purchased for preparation at home is provided by the National Accounts. The verification procedure using the personal expenditure component of the National Accounts involves reconciling aggregate sales data compiled from the retail trade surveys (adjusted and supplemented by data from other sources such as retail commodity surveys and Census of Merchandising) and the purchase information obtained directly from households via the food expenditure survey. Adjustments for the different geographical coverage are also involved.

Conceptual difference between Food Expenditure Survey and the Survey of Consumer Finance and the Census of Population - household/economic family/census family

Household is defined as a person or a group of persons occupying one dwelling unit. The number of households will therefore be equal to the number of occupied dwellings. The person or persons occupying a private dwelling form a private household. Never married sons or daughters living with their parents are considered as part of their parents' household. In the great majority of cases the members of households of two or more are related by blood, marriage or adoption and are thus consistent with the "economic family" definition employed in the Survey of Consumer Finances (a group of individuals sharing a common dwelling unit and related by blood, marriage or adoption).

The definition of family employed by the Census of Population restricts the family to a husband and wife with or without children who have never been married, regardless of age, or a parent with one or more children never married, living in the same dwelling. One-person households are financially independent persons living alone or as roomers.

Users may also want to consult the publication "*Family Food Expenditure in Canada, Catalogue 62-554XPB*", which contains further information on the survey as well as tabulated results. This publication was made available in the autumn of 1998.

Confidentiality of the public-use microdata

The production of a public-use microdata file includes many safeguards to prevent the identification of any one person or household.

Confidentiality of the public-use file is ensured mainly by reducing information, i.e. deleting whole variables or suppressing or collapsing some of their detail.

FOODEX uses a number of techniques to ensure confidentiality:

- Collapsing categories. This is applied to categorical variables. Country of birth is one variable where the detailed categories are collapsed on the file.
- Top and bottom capping. Very high and very low values usually are rare or unique in the population. Such extreme values are replaced with an upper or lower range or value.
- Rounding. Income variables are rounded.
- Imputed variables on the file are not identified as such.

Geographic masking - income

Extreme values (very high or very low data values) could conceivably help to identify an individual or household. In order to mask extreme values, their geographic locations, i.e. Province codes were set to zero.

Income rounding

The following rounding method was used. For example, if wages and salaries reported were \$9,453, then the rounded value on the file would be \$9,500.

Rounding specifications

If the absolute value falls between	Round to the nearest
0	0
50 - 9,999	100
10,000 - 99,999	1,000
100,000 - 999,999	10,000
10,000,000 - 9,999,999	100,000

If absolute value is 1 to 49, the value assigned is 100.

Section 4

Appendix A

1996 DETAILED FOOD CODES - AVERAGES

Code	Stubs ref	Description	Unit	Publication average expenditure per household	Publication average quantity per household	Microdata average expenditure per household	Microdata average quantity per household	Maximum expenditure	Maximum quantity
		***Food purchased from stores local and day trip:							
F001	1000-1092	****Meat		17.51		17.48		592.97	
F002	1000-1050	****Fresh or frozen meat (excluding poultry)		8.24		8.22		482.12	
F003	1000-1007	*****Beef		5.68		5.66		482.12	
F004	1000	*****Hip cuts (excluding shank cuts)	kg	1.22	0.164	1.23	0.168	138.96	21.006
F005	1001	*****Loin cuts	kg	1.09	0.116	1.07	0.119	471.31	115.406
F006	1002	*****Rib cuts	kg	0.31	0.038	0.31	0.038	68.32	10.504
F007	1003	*****Chuck cuts (excluding shank cuts)	kg	0.59	0.099	0.59	0.101	91.48	23.160
F008	1004	*****Stewing beef	kg	0.22	0.035	0.22	0.035	52.62	12.510
F009	1005	*****Ground beef (including patties)	kg	1.98	0.412	1.98	0.426	66.25	23.160
F015	1006-1007	*****Other beef (including shank cuts)		0.28		0.28		482.12	
F016	1006	*****Carcasses and primal portions	kg	...	...	0.20	0.050	482.12	134.990
F017	1007	*****All other (including brisket, shank)	kg	0.07	0.014	0.07	0.014	106.42	31.515
F025	1010-1015	*****Pork		1.99		1.98		191.07	
F026	1010	*****Leg cuts (excluding hocks)	kg	0.10	0.016	0.10	0.016	64.69	19.959
F027	1011	*****Loin cuts	kg	1.41	0.204	1.40	0.210	88.73	15.228
F028	1012	*****Belly cuts	kg	0.21	0.042	0.21	0.042	146.14	48.848
F029	1013	*****Shoulder cuts (excluding hocks)	kg	0.15	0.035	0.15	0.035	79.90	10.504
F035	1014-1015	*****Other pork (including hocks)		0.13		0.13		191.07	
F036	1014	*****Carcasses and primal portions	kg	...	...	0.04	0.010	191.07	26.262
F037	1015	*****All other (including hocks)	kg	0.10	0.023	0.10	0.023	33.73	8.929
F060	1020-1050	*****Other fresh or frozen meat		0.57		0.57		188.75	
F061	1020	*****Veal	kg	0.27	0.032	0.27	0.032	92.64	21.010
F065	1030	*****Lamb and mutton	kg	0.16	0.025	0.16	0.026	188.75	38.214
F070	1040-1041	*****Offal from mammals		0.12		0.12		46.32	
F071	1040	*****Liver	kg	0.05	0.013	0.05	0.013	25.48	8.401
F074	1041	*****Other offal	kg	0.07	0.022	0.07	0.025	39.37	34.740
F075	1050	*****Other meat (excluding poultry)	kg	...	...	0.02	0.003	27.79	5.252
F045	1060-1062	*****Fresh or frozen poultry meat		3.85		3.85		335.82	
F046	1060	*****Chicken (including fowl)	kg	3.18	0.683	3.19	0.725	301.08	131.259
F047	1061	*****Turkey	kg	0.61	0.160	0.61	0.162	118.49	29.761
F049	1062	*****Other poultry meat and offal	kg	0.05	0.010	0.05	0.010	57.14	10.503
F080	1070-1092	*****Other meat and meat preparations		5.42		5.41		592.97	

F081	1070-1073	*****Cured meat		1.17			1.16		75.25	
F082	1070	*****Bacon	kg	0.57		0.095	0.57	0.096	44.53	5.790
F083	1071	*****Ham (excluding cooked ham)	kg	0.49		0.084	0.48	0.084	55.86	17.370
F085	1073	*****Other cured meat	kg	0.10		0.014	0.10	0.014	71.80	13.131
F090	1080-1086	*****Meat preparations and cooked meat (excluding canned)		3.99			3.99		592.97	
F091	1080	*****Uncooked sausage	kg	0.36		0.069	0.36	0.070	37.06	21.029
F092	1081	*****Bologna	kg	0.25		0.045	0.24	0.046	19.69	6.948
F093	1082	*****Wieners	kg	0.49		0.106	0.49	0.108	24.92	10.075
F096	1083	*****Other cooked/cured sausage	kg	0.83		0.109	0.83	0.113	82.99	16.298
F097	1084	*****Cooked (boiled) ham	kg	0.74		0.084	0.74	0.087	46.32	9.454
F100	1085	*****Other ready-cooked meat	kg	1.10		0.135	1.10	0.141	592.97	77.960
F101	1086	*****Other meat preparations	kg	0.23		0.032	0.23	0.033	34.73	11.348
F105	1090-1092	*****Canned meat and meat preparations		0.26			0.26		86.09	
F106	1090	*****Hams	kg	0.01		0.002	0.01	0.002	14.95	2.629
F107	1091	*****Meat stews	kg	0.05		0.012	0.05	0.012	17.09	5.003
F110	1092	*****Other canned meat and meat preparations	kg	0.20		0.033	0.20	0.033	86.09	15.767
F111	1100-1150	****Fish and other marine products		2.64			2.65		440.04	
F112	1100-1132	****Fish		1.91			1.91		440.04	
F113	1100-1107	*****Fresh or frozen fish (excluding portions)		1.05			1.05		129.92	
F114	1100	*****Cod	kg	0.09		0.011	0.09	0.011	57.90	11.580
F115	1101	*****Flounder and sole	kg	0.14		0.015	0.14	0.015	63.20	4.169
F116	1102	*****Haddock	kg	0.10		0.011	0.10	0.011	37.64	5.252
F123	1105	*****Salmon	kg	0.31		0.037	0.31	0.037	92.64	20.844
F125	1106	*****Other sea fish	kg	0.30		0.043	0.30	0.045	48.64	25.737
F129	1107	*****Freshwater fish	kg	0.11		0.018	0.11	0.019	46.32	23.635
F135	1110	*****Pre-cooked frozen fish portions	kg	0.20		0.030	0.20	0.030	347.40	69.480
F140	1120	*****Cured fish	kg	0.10		0.010	0.10	0.010	57.90	7.353
F141	1130-1132	*****Canned fish		0.56			0.56		55.58	
F142	1130	*****Salmon	kg	0.23		0.028	0.23	0.028	55.58	5.114
F143	1131	*****Tuna	kg	0.28		0.038	0.28	0.039	43.91	7.210
F146	1132	*****Other canned fish	kg	0.05		0.007	0.05	0.007	23.91	4.201
F147	1140-1150	****Other marine products		0.73			0.73		393.72	
F148	1140-1141	*****Shellfish		0.72			0.73		393.72	
F149	1140	*****Shrimps and prawns	kg	0.34		0.023	0.35	0.024	58.13	7.568
F152	1141	*****Other shellfish	kg	0.38		0.038	0.38	0.041	393.72	23.107
F153	1150	*****All other marine products	kg	...		...	0.01	0.002	26.06	9.264
F154	1160-1186	****Dairy products and eggs		12.68			12.68		295.29	
F155	1160-1185	****Dairy products		11.65			11.66		289.50	
F156	1160	*****Cream (excluding sour cream)	L	0.26		0.081	0.26	0.087	15.58	11.001
F158	1161	*****Fluid whole milk	L	0.77		0.733	0.77	0.871	57.32	41.688
F159	1162	*****Low-fat milk (2%)	L	2.49		2.526	2.49	3.019	65.20	69.480
F157	1163	*****Low-fat milk (1%)	L	0.81		0.844	0.82	0.967	40.53	57.900
F160	1164	*****Fluid skim milk	L	0.45		0.452	0.45	0.497	56.45	64.848
F161	1165	*****Specialty milk products	L	0.06		0.036	0.06	0.037	63.40	28.950
F162	1166	*****Yogurt	L	0.32		0.100	0.32	0.102	28.95	14.475
F163	1167	*****Butter	kg	0.74		0.120	0.74	0.122	289.50	12.590
F165	1170-1174	*****Cheese		3.78			3.78		178.84	
F166	1170	*****Cheddar cheese	kg	1.08		0.110	1.08	0.113	57.78	7.344
F167	1171	*****Grated cheese	kg	0.13		0.011	0.13	0.012	30.43	4.632
F168	1172	*****Process cheese	kg	0.91		0.122	0.91	0.125	178.84	22.002

F169	1173	*****Cottage cheese	kg	0.15	0.037	0.15	0.037	88.93	23.160
F175	1174	*****Other cheese	kg	1.51	0.151	1.51	0.163	81.82	20.080
F176	1180	*****Skim milk powder	kg	0.04	0.006	0.04	0.006	37.04	5.790
F177	1181	*****Condensed or evaporated milk	L	0.18	0.066	0.17	0.066	60.19	21.400
F178	1182	*****Ice cream and ice milk	L	0.65	0.412	0.65	0.420	114.29	118.811
F179	1183	*****Ice cream and ice milk novelties	L	0.20	0.032	0.20	0.034	33.45	8.338
F181	1184	*****Frozen yogurt	L	0.41	0.107	0.41	0.108	37.19	17.023
F185	1185	*****Other dairy products	L	0.50	0.200	0.50	0.213	27.78	14.822
F186	1186	*****Eggs	doz	1.03	0.613	1.03	0.638	36.19	28.950
F190	1190-1218	****Bakery and other cereal products		12.47		12.47		216.34	
F191	1190-1198	*****Bakery products (excluding frozen)		7.89		7.90		195.91	
F192	1190	*****Bread	kg	2.73	1.213	2.73	1.433	124.93	78.790
F193	1191	*****Unsweetened rolls and buns	doz	1.23	0.536	1.24	0.603	59.23	21.539
F195	1192	*****Crackers and crisp breads	kg	0.59	0.090	0.59	0.093	44.04	8.859
F197	1193	*****Cookies and sweet biscuits	kg	1.22	0.198	1.22	0.212	30.06	9.264
F202	1194	*****Muffins	doz	0.18	0.043	0.18	0.043	22.35	6.948
F198	1195	*****Doughnuts	doz	0.14	0.047	0.14	0.049	16.85	11.580
F199	1196	*****Yeast-raised sweet goods	kg	0.14	0.025	0.14	0.025	52.00	12.159
F201	1197	*****Dessert pies, cakes and other pastries	kg	1.25	0.180	1.25	0.199	136.86	10.422
F205	1198	*****Other bakery products	kg	0.42	0.078	0.42	0.082	75.27	37.925
F210	1200-1202	****Pasta products		1.05		1.05		46.27	
F211	1200	*****Canned pasta products	L	0.14	0.061	0.15	0.062	27.51	11.812
F212	1201	*****Dry or fresh pasta	kg	0.64	0.266	0.64	0.274	34.71	15.946
F215	1202	*****Pasta mixes	kg	0.27	0.067	0.27	0.069	25.73	13.428
F220	1210-1218	****Cereal grains and other cereal products		3.52		3.52		216.34	
F221	1210	*****Rice (including mixes)	kg	0.52	0.241	0.52	0.241	102.85	63.018
F226	1211	*****Flour	kg	0.36	0.356	0.36	0.369	66.24	59.388
F232	1214	*****Other grains, unmilled or milled	kg	0.06	0.025	0.06	0.026	113.48	76.196
F236	1215	*****Breakfast cereal	kg	1.80	0.300	1.80	0.311	85.09	18.760
F237	1216	*****Cake and other flour-based mixes	kg	0.21	0.062	0.21	0.061	25.13	10.422
F238	1217	*****Cereal-based snack foods	kg	0.56	0.098	0.56	0.106	26.46	14.822
F239	1218	*****Other cereal products	kg	0.01	0.002	0.01	0.002	12.47	4.007
F240	1220-1292	****Fruit and nuts		8.91		8.92		112.06	
F241	1220-1287	****Fruit		8.46		8.46		109.29	
F242	1220-1234	*****Fresh fruit		5.25		5.25		86.85	
F243	1220	*****Apples	kg	1.04	0.572	1.04	0.603	45.17	44.642
F244	1221	*****Bananas and plantains	kg	0.84	0.740	0.84	0.785	28.94	62.405
F246	1223	*****Grapefruit	num	0.16	0.387	0.16	0.398	31.27	69.480
F247	1224	*****Grapes	kg	0.55	0.148	0.55	0.153	21.50	16.664
F248	1225	*****Lemons and limes	kg	0.07	0.023	0.07	0.024	8.05	4.725
F249	1226	*****Melons	num	0.33	0.177	0.33	0.183	40.99	16.212
F250	1227	*****Oranges and other citrus fruit	kg	0.90	0.394	0.90	0.415	69.48	25.737
F251	1228	*****Peaches and nectarines	kg	0.25	0.125	0.25	0.132	52.20	37.548
F252	1229	*****Pears	kg	0.27	0.118	0.27	0.125	31.96	21.010
F253	1230	*****Plums	kg	0.13	0.051	0.13	0.054	14.31	10.504
F256	1231	*****Other tropical fruit	kg	0.27	0.067	0.27	0.073	49.76	15.749
F258	1233	*****Strawberries	L	0.27	0.126	0.27	0.142	81.06	81.060
F262	1234	*****Other fresh fruit	kg	0.17	0.049	0.17	0.055	40.53	19.053
F265	1240-1287	****Other fruit and fruit preparations		3.21		3.22		67.11	

F266	1240-1241	*****Frozen fruit		0.05		0.05	0.008	46.32	9.264
F270	1250-1254	*****Dried or other preserved fruit		0.20		0.20	0.040	29.30	5.558
F272	1251	*****Raisins	kg	0.07	0.015	0.07	0.015	18.27	4.632
F274	1254	*****Other dried/preserved fruit (excluding canned)	kg	0.13	0.022	0.13	0.024	29.30	5.558
F280	1260-1263	*****Fruit juice (excluding concentrated)		1.68		1.68		51.81	
F281	1260	*****Apple juice	L	0.33	0.282	0.33	0.295	44.60	36.975
F282	1261	*****Grapefruit juice	L	0.06	0.043	0.06	0.043	18.67	18.528
F283	1262	*****Orange juice	L	0.59	0.408	0.59	0.426	33.37	41.688
F286	1263	*****Other fruit juice	L	0.70	0.441	0.70	0.471	40.87	41.688
F287	1270-1271	*****Concentrated fruit juice		0.59		0.59		67.11	
F288	1270	*****Orange juice	L	0.35	0.134	0.35	0.136	27.51	16.675
F292	1271	*****Other fruit juice	L	0.24	0.101	0.24	0.104	58.92	16.675
F293	1280-1287	*****Canned fruit and fruit preparations		0.70		0.70		53.28	
F295	1281	*****Peaches	L	0.07	0.024	0.07	0.023	28.83	9.183
F297	1283	*****Pineapple	L	0.07	0.030	0.07	0.030	14.42	7.504
F298	1284	*****Mixed fruit	L	0.11	0.037	0.11	0.038	33.35	9.467
F302	1285	*****Other canned fruit	L	0.15	0.045	0.15	0.046	33.57	8.375
F304	1286	*****Jam, jelly and other preserves	L	0.27	0.047	0.27	0.048	21.75	5.211
F305	1287	*****Fruit pie fillings	L	0.04	0.007	0.04	0.007	16.79	5.790
F310	1290-1292	*****Nuts		0.45		0.45		57.15	
F311	1290	*****Unshelled nuts	kg	0.10	0.017	0.10	0.017	20.64	5.250
F312	1291	*****Shelled peanuts	kg	0.07	0.012	0.07	0.012	20.34	3.103
F313	1292	*****Other shelled nuts	kg	0.29	0.032	0.29	0.034	57.15	6.137
F316	1300-1361	****Vegetables		7.63		7.63		143.59	
F317	1300-1320	****Fresh vegetables		5.59		5.59		136.64	
F318	1300	*****Green or wax beans	kg	0.11	0.035	0.11	0.035	23.16	10.504
F319	1301	*****Broccoli	kg	0.26	0.211	0.26	0.217	16.04	6.948
F321	1303	*****Cabbage	kg	0.09	0.089	0.09	0.089	20.82	10.503
F322	1304	*****Carrots	kg	0.38	0.324	0.38	0.331	24.90	26.262
F323	1305	*****Cauliflower	num	0.18	0.107	0.18	0.108	25.95	10.422
F324	1306	*****Celery	num	0.21	0.200	0.22	0.200	12.11	6.948
F325	1307	*****Corn	num	0.14	0.522	0.14	0.588	23.16	97.272
F326	1308	*****Cucumbers	num	0.29	0.356	0.29	0.370	17.37	115.800
F327	1309	*****Lettuce	num	0.54	0.530	0.54	0.555	16.79	23.160
F328	1310	*****Mushrooms	kg	0.33	0.068	0.33	0.069	18.15	6.301
F329	1311	*****Onions	kg	0.36	0.272	0.36	0.282	16.17	26.262
F330	1312	*****Peppers	kg	0.36	0.115	0.36	0.120	38.21	46.320
F331	1313	*****Potatoes	kg	0.81	1.304	0.80	1.332	46.32	149.694
F332	1314	*****Radishes	kg	0.04	0.014	0.04	0.014	4.61	3.103
F333	1315	*****Spinach	kg	0.07	0.017	0.07	0.017	23.16	3.283
F334	1316	*****Tomatoes	kg	0.76	0.323	0.76	0.342	76.43	70.908
F335	1317	*****Turnips and rutabagas	kg	0.07	0.069	0.06	0.068	17.37	29.934
F345	1318	*****Other seed and gourd vegetables	kg	0.18	0.088	0.18	0.094	21.92	53.560
F346	1319	*****Other root vegetables	kg	0.14	0.062	0.14	0.065	44.39	15.367
F344	1320	*****Other leaf and stalk vegetables	kg	0.27	0.078	0.27	0.090	32.42	10.839
F348	1330-1361	****Other vegetables and vegetable preparations		2.04		2.04		115.80	
F349	1330-1334	*****Frozen vegetables		0.62		0.62		25.34	
F351	1331	*****Corn	kg	0.08	0.030	0.08	0.030	18.44	9.264
F352	1332	*****Peas	kg	0.08	0.036	0.08	0.036	19.11	11.580
F353	1333	*****Potato products	kg	0.25	0.147	0.25	0.151	23.15	13.896
F363	1334	*****Other frozen vegetables	kg	0.21	0.075	0.21	0.076	23.10	13.143
F365	1340-1341	*****Dried vegetables		0.10		0.10		41.88	

F366	1340	*****Potato products - dried	kg	0.02	0.004	0.02	0.004	23.15	5.252
F367	1341	*****Other vegetables - dried	kg	0.08	0.027	0.08	0.028	41.88	23.160
F370	1350-1361	*****Canned vegetables and vegetable preparations		1.32		1.32		115.80	
F371	1350	*****Green or wax beans	L	0.06	0.028	0.06	0.028	13.87	11.061
F372	1351	*****Baked beans	L	0.08	0.043	0.08	0.044	19.18	14.952
F373	1352	*****Other beans	L	0.10	0.050	0.10	0.052	12.00	11.233
F376	1355	*****Corn	L	0.18	0.083	0.18	0.084	115.80	11.580
F377	1356	*****Mushrooms and truffles	L	0.12	0.038	0.12	0.038	38.98	11.142
F378	1357	*****Peas	L	0.08	0.038	0.08	0.038	14.10	7.782
F379	1358	*****Tomatoes (including paste)	L	0.32	0.172	0.32	0.174	27.79	22.122
F388	1359	*****Other canned vegetables	L	0.12	0.042	0.12	0.042	20.84	7.865
F390	1360	*****Tomato juice	L	0.09	0.079	0.09	0.080	30.61	18.899
F394	1361	*****Other canned vegetable juice	L	0.17	0.108	0.17	0.109	62.23	27.792
F395	1370-1376	****Condiments, spices and vinegar		2.18		2.18		166.23	
F396	1370	****Pickles (including olives)	L	0.27	0.080	0.27	0.080	35.85	14.952
F400	1372	****Ketchup	L	0.18	0.072	0.18	0.073	10.39	6.948
F405	1373	****Other sauces and sauces mixes	L	0.77	0.195	0.77	0.202	46.30	11.024
F406	1374	****Mayonnaise and salad dressings	L	0.53	0.122	0.53	0.124	28.94	9.843
F408	1375	****Other condiments (including vinegar)	L	0.23	0.098	0.23	0.100	24.97	10.526
F410	1376	****Spices	kg	0.21	0.017	0.21	0.018	166.23	11.580
F420	1380-1395	****Sugar and sugar preparations		2.50		2.50		190.13	
F421	1380-1381	****Sugar and syrup		0.56		0.56		69.48	
F422	1380	*****Sugar	kg	0.39	0.352	0.39	0.361	32.81	39.372
F423	1381	*****Syrups and molasses	L	0.16	0.038	0.16	0.040	69.48	10.075
F426	1390-1395	****Sugar preparations (including confectionery)		1.95		1.95		190.13	
F427	1390	*****Gum	kg	0.12	0.012	0.12	0.013	22.77	7.921
F428	1391	*****Chocolate bars	kg	0.34	0.036	0.34	0.042	63.82	26.471
F430	1392	*****Other chocolate confections	kg	0.34	0.030	0.34	0.032	190.13	41.485
F431	1393	*****Sugar candy	kg	0.47	0.059	0.47	0.066	50.10	7.330
F434	1394	*****Other sugar confections	kg	0.62	0.096	0.62	0.104	44.61	9.727
F435	1395	*****Other sugar preparations	kg	0.06	0.011	0.06	0.011	12.71	2.316
F436	1410-1420	****Coffee and tea		1.62		1.62		79.03	
F438	1410-1411	****Coffee		1.27		1.27		79.03	
F439	1410	*****Roasted or ground coffee	kg	0.48	0.047	0.48	0.049	79.03	8.106
F440	1411	*****Other coffee	kg	0.78	0.060	0.78	0.062	64.77	10.631
F442	1420	*****Tea	kg	0.36	0.039	0.36	0.040	35.53	6.948
F445	1430-1433	****Fats and oils		1.17		1.17		92.64	
F446	1430	*****Margarine	kg	0.64	0.231	0.64	0.234	40.53	18.899
F447	1431	*****Shortening	kg	0.06	0.019	0.06	0.019	27.79	12.590
F448	1432	*****Lard	kg	0.03	0.008	0.03	0.008	10.11	4.725
F449	1433	*****Cooking/salad oil	L	0.44	0.149	0.44	0.155	92.64	45.162
F455	1440-1492	****Other foods, materials and food preparations		6.82		6.83		166.46	
F465	1440-1441	****Soup		1.03		1.03		56.22	
F466	1440	*****Canned soup	L	0.74	0.293	0.74	0.298	49.68	23.966
F467	1441	*****Dried soup	kg	0.29	0.043	0.29	0.044	56.22	25.708
F468	1450-1452	****Infant or junior foods		0.35		0.36		133.01	
F469	1450	*****Canned infant or junior foods	L	0.12	0.031	0.12	0.033	66.49	25.791
F472	1451	*****Infant cereals and biscuits	kg	0.04	0.004	0.04	0.004	20.80	2.316
F475	1452	*****Infant formula	L	0.20	0.031	0.20	0.033	84.38	17.602

F476	1460-1463	*****Pre-cooked frozen food preparations		1.78			1.78		166.46	
F477	1460	*****Pre-cooked frozen dinners	kg	0.26	0.036	0.26	0.036	80.09	7.309	
F480	1461	*****Dessert pies, cakes, other pastries	kg	0.30	0.050	0.30	0.050	30.11	4.604	
F484	1462	*****Frozen meat or poultry pies	kg	0.10	0.019	0.11	0.020	41.69	6.948	
F490	1463	*****Other pre-cooked food preparations	kg	1.11	0.180	1.11	0.190	166.46	58.305	
F491	1470	*****Materials for food preparations	kg	0.26	0.038	0.26	0.039	23.04	5.790	
F495	1480-1492	*****Other food preparations		3.40		3.40		89.30		
F497	1481	*****Honey	kg	0.10	0.019	0.10	0.019	17.35	5.929	
F498	1482	*****Peanut butter	kg	0.33	0.082	0.33	0.082	53.42	16.212	
F499	1483	*****Dairy product substitutes	kg	0.13	0.034	0.13	0.035	37.38	16.212	
F500	1484	*****Flavouring extracts and essences	L	0.03	0.003	0.03	0.003	26.91	18.528	
F501	1485	*****Flavouring powders and crystals	kg	0.19	0.029	0.19	0.030	59.37	15.744	
F502	1486	*****Food seasonings (including salt)	kg	0.22	0.048	0.22	0.049	22.03	6.554	
F503	1487	*****Jelly powders	kg	0.08	0.013	0.08	0.013	23.15	11.580	
F504	1488	*****Prepared dessert powders	kg	0.04	0.007	0.04	0.007	20.83	4.053	
F505	1489	*****Potato chips and similar products	kg	0.82	0.116	0.82	0.130	31.60	5.253	
F506	1490	*****Food drink powders	kg	0.13	0.022	0.13	0.023	62.39	27.792	
F507	1491	*****Canned puddings and custards	L	0.16	0.040	0.16	0.040	25.18	11.571	
F518	1492	*****All other food preparations	kg	1.17	0.150	1.17	0.169	87.44	12.551	
F520	1500-1502	****Non-alcoholic beverages		3.71		3.70		120.51		
F521	1500	****Carbonated beverages	L	2.78	3.171	2.78	3.816	120.51	128.770	
F522	1501	****Fruit drinks	L	0.54	0.331	0.54	0.349	37.11	23.160	
F529	1502	****Other non-alcoholic beverages	L	0.38	0.536	0.38	0.593	55.72	173.700	
F530	1000-1502	***Locally and on day trips		79.85		79.83		898.55		

Appendix B

Changes Made to the 1996 Food Microdata File

Was:	Changed to:
1992	1996
Code/ description	Code/ description

Size of Area of Residence:

0	Masked Records	0	No assigned size of area of residence
1	Urban Areas with Population of 100,000 or more	1	30,000 and greater
2	Urban Areas with Population of 30,000 to 99,999	2	Under 30,000
3	Urban Areas with Population Less than 30,000	3	Rural
4	Rural Farm		
5	Rural Non-farm		

Title Change: “Living Quarters Occupied by Household” was changed to “Type of Dwelling”.

Title Change: “Class of Tenure” was changed to “Tenure”.

Marital Status

1	Married (or living common law)
2	Single (never married)
3	Other

Marital Status

1	Married (to a household member)
2	Never married (single)
3	Other (separated, divorced, widowed, etc.)

Note

To be classified as married, the spouse must be a member of the household. Common-law spouse of a household member is included in “married (to a household member)”.

Even if the reference person was legally married the marital status would be “Other” if there was no spouse present.

“Age” was changed for both reference person and spouse of reference person.

<i>Age</i>		<i>Age of Reference/Age of Spouse of Reference Person</i>	
24	Age 24 years and under	24	Age 24 years and under
25-75	Actual age	25-69	Actual age
76	Age 76 years and over	70	Age 70 to 74 years
80	Age 80 years and over	75	Age 75 to 79 years
		80	Age 80 years and over

Employment status was changed to weeks worked full-time or weeks worked part-time for both reference person and spouse.

Mother Tongue was deleted for both reference person and spouse of reference person.

Immigrant Arrival Year was deleted for both reference person and spouse.

Title change: “Household Composition” was changed to “Household Type”.

Title change: “Total Household Size” was changed to “Household Size”.

Title change: “Number of Unemployment insurance” was changed to “Employment insurance recipients (EI) flag”.

Title change: “Eat-in or drive-in fast food” was changed to “Fast food restaurant, eat-in or drive-in”.

Title change: “Fast food take-out” was changed to “Fast food restaurant, take-out or delivery”.