

# **1999 Survey of Household Spending**

**PUBLIC-USE MICRODATA FILE**

**Users= Guide**

**Income Statistics Division  
Statistics Canada**

*Ce document est disponible en français*

**May 2001**

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# INTRODUCTION

## General Information

### Background

This public-use microdata file presents the data of the 1999 Survey of Household Spending (SHS) conducted in January through March 2000. Information about the spending habits, dwelling characteristics and household equipment of Canadian households during 1999 was obtained by asking people in the ten provinces and three territories to recall their expenditures for the previous calendar year (spending habits) or as of December 31<sup>st</sup> (dwelling characteristics and household equipment).

Conducted since 1997, the Survey of Household Spending integrates most of the content found in the Family Expenditure Survey and the Household Facilities and Equipment Survey. Many data from these two surveys are comparable to the Survey of Household Spending data. However, some differences related to methodology, to data quality and to definitions must be considered before comparing these data. See "For further information" below.

### New for 1999

For 1999, there have been two important changes to the estimation methodology.

1. First, population and household counts used in the adjustment of survey weights are based on the 1996 Census and not, as in previous years, on the 1991 Census.
2. Secondly, totals from the Canada Customs and Revenue Agency (CCRA) are now being used to adjust survey results to reflect the income distribution of the Canadian population.

These changes affect comparisons of 1999 data with data from previous survey years.

Versions of the 1997 and 1998 SHS public-use microdata files that include the revised weights are now available. To order, see "For further information" below. Re-weighted versions of the 1992 and 1996 Famex and historical HFE public-use microdata files are planned.

As well, one new variable was added at the request of Canada Mortgage and Housing Corporation (CMHC): the "crowded dwelling indicator". See the Data Dictionary for more information.

### Layout of the document

This document is laid out in the following manner:

- Record Layout.
- Data Dictionary (variable specifications, code sets and other information).
- Technical Information (about survey methodology, data quality, and guidelines for tabulation, analysis, and dissemination).
- Appendix A presents the frequency counts for non-dollar variables in the public-use microdata file. They are included to help you verify your tabulations.

- Tables in Appendix B present expenditure data tabulated using the public-use microdata file and also using the internal survey database. They are included to help you verify your tabulations.
- Appendix C contains a table indicating the public-use spending variables included in previous public-use microdata files of the Survey of Household Spending and the Family Expenditure Survey.
- Appendix D compares this file to the 1998 SHS public-use microdata file and shows the changes.
- Appendix E presents the coefficients of variation for published data from the 1999 SHS.

### **For further information**

Additional information about the SHS can now be obtained free on the Statistics Canada web site ([www.statcan.ca](http://www.statcan.ca)). See especially:

- Note to former users of data from the Family Expenditure Survey (62F0026MIE00002)
- Note to former users of data from the Household Facilities and Equipment Survey (62F0026MIE00003)
- 1999 Survey of Household Spending Users' Guide (62F0026MIE00005)
- 1999 Survey of Household Spending Data Quality Indicators (available soon)
- Methodology for the Survey of Household Spending (available soon)

For more information about the current survey results and related products and services, or to enquire about the concepts, methods or data quality of the Survey of Household Spending, contact Client Services (613-951-7355; 1-888-297-7355; fax 613-951-3012; [income@statcan.ca](mailto:income@statcan.ca)), Income Statistics Division.

## Technical characteristics of the file

**Content:** Household spending, dwelling characteristics, and household equipment, 1999

**Source:** Survey of Household Spending, 1999  
Income Statistics Division  
Statistics Canada

### Data Set Definition:

**DATA SET NAME**..... SHS99V1.TXT

**NUMBER OF RECORDS** ..... 17,205

#### FORMAT

Record length..... 2,064

**RECORD LAYOUT**..... Supplied

*See "Record Layout", next section*

### Variables are grouped under the following headings:

- Location
- Dwelling
- Characteristics of reference person
- Characteristics of spouse of reference person
- Household description
- Household equipment (at December 31)
- Expenditure items
  - Food
  - Shelter
  - Household operation
  - Household furnishings and equipment
  - Clothing
  - Transportation
  - Health care
  - Personal care
  - Recreation
  - Reading materials and other printed matter
  - Education
  - Tobacco products and alcoholic beverages
  - Other expenses

# RECORD LAYOUT

Field	Size	Decimal places	Position			Type*	Description	Variable Name
							<b>LOCATION</b>	
1	5	0	1	-	5	c	Identification number	CASEID
2	5	0	6	-	10	n	Weight at household level	WEIGHT
3	1	0	11	-	11	c	Full-year/part-year household indicator	FYPYFLAG
4	2	0	12	-	13	c	Province	PROVINCP
5	1	0	14	-	14	c	Urban rural code	URBRUR
6	1	0	15	-	15	c	Size of area of residence code	URBSIZEP
							<b>DWELLING</b>	
7	1	0	16	-	16	c	Type of dwelling occupied at December 31	TYPDWELP
8	1	0	17	-	17	c	Period of construction of dwelling	YEARBUIP
9	2	0	18	-	19	n	Number of rooms	NUMRMP
10	1	0	20	-	20	n	Number of bedrooms	NUMBEDRP
11	1	0	21	-	21	n	Number of bathrooms	NUMBTHRP
12	1	0	22	-	22	c	Dwelling tenure during reference year	TENURYRP
13	1	0	23	-	23	c	Dwelling tenure at December 31	TENDC31P
14	11	2	24	-	34	n	Purchase price of home bought in reference year	PURPRICE
15	11	2	35	-	45	n	Selling price of home sold in reference year	SELPRICE
16	1		46	-	46	c	Dwelling repairs needed	REPAIRS
17	11	2	47	-	57	n	Additions, renovations and alterations	ADRENALT
18	11	2	58	-	68	n	New installations of equipment and fixtures	NEWINST
19	1	0	69	-	69	c	Year household moved to the dwelling occupied at December 31	YRMOVEDP
20	1	0	70	-	70	c	Household purchased home in reference year	BUYHMFLG
21	1	0	71	-	71	c	Principal heating equipment	HEATMAIP
22	1	0	72	-	72	c	Age of principal heating equipment	HEATAGE
23	1	0	73	-	73	c	Principal heating fuel	HEATFUEP
24	1	0	74	-	74	c	Principal heating fuel for hot water	HOTWATEP
25	1	0	75	-	75	c	Principal cooking fuel	COOKINGP
26	1	0	76	-	76	c	Reduced rent reason	REDURENT
							<b>CHARACTERISTICS OF REFERENCE PERSON</b>	
27	11	2	77	-	87	n	Income before taxes	RPINCTOT
28	11	2	88	-	98	n	Income from earnings	RPINCEAR
29	11	2	99	-	109	n	Income from investment	RPINCINV
30	11	2	110	-	120	n	Income from government transfer payments	RPINCTRA
31	11	2	121	-	131	n	Income from other sources	RPINCOTH
32	1	0	132	-	132	c	Marital status	RPMARP
33	2	0	133	-	134	n	Age	RPAGEP
34	2	0	135	-	136	c	Age Group	RPAGEGRP
35	1	0	137	-	137	c	Sex	RPSEX
36	2	0	138	-	139	n	Number of weeks worked full-time	RPWEEKFT
37	2	0	140	-	141	n	Number of weeks worked part-time	RPWEEKPT
38	1	0	142	-	142	c	Tenure of previous dwelling	RPPREVDW
							<b>CHARACTERISTICS OF SPOUSE OF REFERENCE PERSON</b>	
39	11	2	143	-	153	n	Income before taxes	SPINCTOT
40	11	2	154	-	164	n	Income from earnings	SPINCEAR
41	11	2	165	-	175	n	Income from investment	SPINCINV
42	11	2	176	-	186	n	Income from government transfer payments	SPINCTRA
43	11	2	187	-	197	n	Income from other sources	SPINCOTH

Field	Size	Decimal places	Position			Type*	Description	Variable Name
44	2	0	198	-	199	n	Age	SPAGEP
45	2	0	200	-	201	c	Age Group	SPAGEGRP
46	1	0	202	-	202	c	Sex	SPSEX
47	2	0	203	-	204	n	Number of weeks worked full-time	SPWEEKFT
48	2	0	205	-	206	n	Number weeks worked part-time	SPWEEKPT
49	1	0	207	-	207	c	Tenure of previous dwelling	SPPREVDW
<b>HOUSEHOLD DESCRIPTION</b>								
50	1	0	208	-	208	n	Number of economic families in household	ECFAM
51	1	0	209	-	209	c	Household type	HHTYPEP
52	2	0	210	-	211	n	Household size at December 31	HHSZD31
53	1	0	212	-	212	n	Number of children 0 to 4 (December 31)	CH04D31
54	1	0	213	-	213		Blank field	BLANK
55	1	0	214	-	214	N	Number of children 5 to 17 (December 31)	CH517D31
56	1	0	215	-	215		Blank field	BLANK
57	1	0	216	-	216	n	Number of youths 18 to 24 (December 31)	Y1824D31
58	1	0	217	-	217	n	Number of adults 25 to 64 years (December 31)	A2564D31
59	1	0	218	-	218	n	Number of seniors 65 years or more (December 31)	SE65D31
60	2	0	219	-	220	n	Household size (number of persons a member sometime in reference year)	HHSZTOT
61	2	0	221	-	222	n	Age of youngest child (member sometime in reference year)	AGEYOUNP
62	3	0	223	-	225	n	Total number of weeks (sum for all household members)	NUMWKS
63	1	0	226	-	226	n	Number of full-time earners	NUMFTP
64	1	0	227	-	227	n	Number of part-time earners	NUMPTP
65	1	0	228	-	228	c	Household major source of income	MAINCSCP
66	11	2	229	-	239	n	Household income before taxes	HHINCTOT
67	11	2	240	-	250	n	Household income from earnings	HHINCEAR
68	11	2	251	-	261	n	Household income from investment	HHINCINV
69	11	2	262	-	272	n	Household income from government transfer payments	HHINCTRA
70	11	2	273	-	283	n	Household income from other sources	HHINCOTH
71	11	2	284	-	294	n	Total other money receipts	OTHMONRE
72	11	2	295	-	305	n	Money flows (assets, loans and other debts)	MONFLOWS
73	11	2	306	-	316	n	Registered Retirement Savings Plan (RRSP) change	RRSPCHNG
74	1	0	317	-	317	c	Employment insurance benefit (EI) indicator	EIFLAG
<b>HOUSEHOLD EQUIPMENT (AT DECEMBER 31)</b>								
75	1	0	318	-	318	c	Washing machine	WASHERP
76	1	0	319	-	319	c	Clothes dryer	DRYERP
77	1	0	320	-	320	c	Dishwasher	DSHWASHP
78	1	0	321	-	321	n	Number of refrigerators	NMFRIDGP
79	1	0	322	-	322	c	Freezer	FREEZER
80	1	0	323	-	323	c	Microwave oven	MICROWV
81	1	0	324	-	324	c	Air conditioner	AIRCONP
82	1	0	325	-	325	n	Number of telephones	NMPHONP
83	1	0	326	-	326	n	Number of telephone numbers	NMPHNUMP
84	1	0	327	-	327	c	Cellular telephone	CELLPHON
85	1	0	328	-	328	c	Compact disc player	CDPLYER
86	1	0	329	-	329	c	Cablevision	CABLETV
87	1	0	330	-	330	n	Number of video cassette recorders	NMVCRP

Field	Size	Decimal places	Position			Type*	Description	Variable Name
88	1	0	331	-	331	c	Home computer	COMPUTER
89	1	0	332	-	332	c	Modem	MODEM
90	1	0	333	-	333	c	Internet use from home	INTERNET
91	1	0	334	-	334	n	Number of colour televisions	NMCOLTVP
92	1	0	335	-	335	n	Number of vehicles owned on December 31	NMVEHONP
93	1	0	336	-	336	n	Number of vehicles leased on December 31	VEHLEASP
<b>EXPENDITURES</b>								
<b>FOOD</b>								
94	11	2	337	-	347	n	Food	F001
95	11	2	348	-	358	n	Food purchased from stores	F002
96	11	2	359	-	369	n	Food purchased from restaurants	F008
<b>SHELTER</b>								
97	11	2	370	-	380	n	Shelter	G001
98	11	2	381	-	391	n	Principal accommodation	G002
99	11	2	392	-	402	n	Rented living quarters	G003
100	11	2	403	-	413	n	Rent	G004
101	11	2	414	-	424	n	Owned living quarters	G007
102	11	2	425	-	435	n	Regular mortgage payments	G040
103	11	2	436	-	446	n	Maintenance, repairs and replacements	G008
104	11	2	447	-	457	n	Condominium charges	G009
105	11	2	458	-	468	n	Property taxes	G010
106	11	2	469	-	479	n	Homeowners' insurance premiums	G011
107	11	2	480	-	490	n	Water, fuel and electricity	G019
108	11	2	491	-	501	n	Water and sewage	G020
109	11	2	502	-	512	n	Fuel (e.g., oil, gas)	G022
110	11	2	513	-	523	n	Electricity	G024
111	11	2	524	-	534	n	Other accommodation	G025
112	11	2	535	-	545	n	Owned vacation home	G026
113	11	2	546	-	556	n	Traveller accommodation	G032
<b>HOUSEHOLD OPERATION</b>								
114	11	2	557	-	567	n	Household operation	H001
115	11	2	568	-	578	n	Communications	H002
116	11	2	579	-	589	n	Telephone	H003
117	11	2	590	-	600	n	Purchase of telephones and equipment	H004
118	11	2	601	-	611	n	Telephone services	H005
119	11	2	612	-	622	n	Cellular services	H008
120	11	2	623	-	633	n	Internet services	H009
121	11	2	634	-	644	n	Postal and other communication services	H010
122	11	2	645	-	655	n	Child care expenses	H011
123	11	2	656	-	666	n	Domestic and other custodial services	H016
124	11	2	667	-	677	n	Pet expenses	H017
125	11	2	678	-	688	n	Household cleaning supplies	H022
126	11	2	689	-	699	n	Paper, plastic and foil household supplies	H023
127	11	2	700	-	710	n	Garden supplies and services	H026
<b>HOUSEHOLD FURNISHINGS AND EQUIPMENT</b>								
128	11	2	711	-	721	n	Household furnishings and equipment	I001
129	11	2	722	-	732	n	Household furnishings	I002
130	11	2	733	-	743	n	Furniture	I003
131	11	2	744	-	754	n	Rugs, mats and underpadding	I004
132	11	2	755	-	765	n	Window coverings and household textiles	I005
133	11	2	766	-	776	n	Art, antiques and decorative ware	I006
134	11	2	777	-	787	n	Household equipment	I010

Field	Size	Decimal places	Position			Type*	Description	Variable Name
				-				
135	11	2	788	-	798	n	Household appliances	I011
136	11	2	799	-	809	n	Other Household tools, equipment and accessories	I027TOT
137	11	2	810	-	820	n	Maintenance and repairs of furniture and equipment	I042
138	11	2	821	-	831	n	Services related to furnishings and equipment	I046
<b>CLOTHING</b>								
139	11	2	832	-	842	n	Clothing	J001
140	11	2	843	-	853	n	Women's and Girl's wear (4 years and over)	J002
141	11	2	854	-	864	n	Clothing gifts to non-household members	J007
142	11	2	865	-	875	n	Men's and Boy's wear (4 years and over)	J008
143	11	2	876	-	886	n	Clothing gifts to non-household members	J013
144	11	2	887	-	897	n	Children's wear (under 4 years)	J014
145	11	2	898	-	908	n	Clothing gifts to non-household members	J017
146	11	2	909	-	919	n	Clothing material and notions	J019TOT
147	11	2	920	-	930	n	Services	J021
148	11	2	931	-	941	n	Laundry and dry cleaning	J023TOT
<b>TRANSPORTATION</b>								
149	11	2	942	-	952	n	Transportation	K001
150	11	2	953	-	963	n	Private transportation	K002
151	11	2	964	-	974	n	Purchase of automobiles and trucks	K003
152	11	2	975	-	985	n	Purchase of automotive accessories	K007
153	11	2	986	-	996	n	Rented and leased automobiles and trucks	K008
154	11	2	997	-	1007	n	Operation of owned and leased automobiles and trucks	K019
155	11	2	1008	-	1018	n	Gasoline and other fuels	K020
156	11	2	1019	-	1029	n	Maintenance and repair	K022
157	11	2	1030	-	1040	n	Garage rent and parking	K023
158	11	2	1041	-	1051	n	Private and public vehicle insurance premiums	K028
159	11	2	1052	-	1062	n	Public transportation	K031
160	11	2	1063	-	1073	n	Local and commuter transportation	K032TOT
161	11	2	1074	-	1084	n	Inter-city transportation	K034TOT
162	11	2	1085	-	1095	n	Other passenger transportation	K037
163	11	2	1096	-	1106	n	Household moving, storage and delivery services	K038
<b>HEALTH CARE</b>								
164	11	2	1107	-	1117	n	Health care	L101
165	11	2	1118	-	1128	n	Direct costs to household	L102
166	11	2	1129	-	1139	n	Health care supplies	L103
167	11	2	1140	-	1150	n	Medicinal and pharmaceutical products	L104
168	11	2	1151	-	1161	n	Prescribed	L105
169	11	2	1162	-	1172	n	Other medicines and pharmaceutical products	L106
170	11	2	1173	-	1183	n	Physicians' care	L107
171	11	2	1184	-	1194	n	Eye-care goods and services	L108
172	11	2	1195	-	1205	n	Dental services	L112
173	11	2	1206	-	1216	n	Blank Field	Blank01
174	11	2	1217	-	1227	n	Hospital care	L114
175	11	2	1228	-	1238	n	Blank Field	Blank02
176	11	2	1239	-	1249	n	Other health care practitioners	L116
177	11	2	1250	-	1260	n	Other medical services	L117
178	11	2	1261	-	1271	n	Health insurance premiums	L118

Field	Size	Decimal places	Position			Type*	Description	Variable Name
179	11	2	1272	-	1282	n	Public hospital, medical and drug plans	L119
180	11	2	1283	-	1293	n	Private health insurance plans	L120
							<b>PERSONAL CARE</b>	
181	11	2	1294	-	1304	n	Personal care	L201
182	11	2	1305	-	1315	n	Personal care supplies and equipment	L202
183	11	2	1316	-	1326	n	Personal care services	L207
							<b>RECREATION</b>	
184	11	2	1327	-	1337	n	Recreation	M101
185	11	2	1338	-	1348	n	Recreation equipment and associated services	M102
186	11	2	1349	-	1359	n	Sports and athletic equipment	M103
187	11	2	1360	-	1370	n	Toys, electronic games and arts/hobby materials	M106TOT
188	11	2	1371	-	1381	n	Computer equipment and supplies	M110
189	11	2	1382	-	1392	n	Photographic goods and services	M116
190	11	2	1393	-	1403	n	Recreation vehicles and associated services	M126
191	11	2	1404	-	1414	n	Purchase of recreation vehicles	M127
192	11	2	1415	-	1425	n	Bicycles, parts and accessories	M128
193	11	2	1426	-	1436	n	Other recreational vehicles and outboard motors	M129
194	11	2	1437	-	1447	n	Operation of recreational vehicles	M139
195	11	2	1448	-	1458	n	Bicycle maintenance and repairs	M140
196	11	2	1459	-	1469	n	Recreation vehicle operation	M142TOT
197	11	2	1470	-	1480	n	Expenses for rented and leased recreational vehicles	M180
198	11	2	1481	-	1491	n	Home entertainment equipment and services	M148
199	11	2	1492	-	1502	n	Audio (e.g., radio, CD players, speakers)	M150
200	11	2	1503	-	1513	n	Compact discs, tapes, videos and video discs	M151
201	11	2	1514	-	1524	n	Blank audio and video tapes	M152
202	11	2	1525	-	1535	n	Televisions, VCRs, camcorders and other television/video component	M153
203	11	2	1536	-	1546	n	Rental of videotapes and video discs	M156
204	11	2	1547	-	1557	n	Rental of home entertainment equipment and other services	M157
205	11	2	1558	-	1568	n	Recreation services	M159
206	11	2	1569	-	1579	n	Entertainment	M160
207	11	2	1580	-	1590	n	Movie theatres	M161
208	11	2	1591	-	1601	n	Live sports events	M162
209	11	2	1602	-	1612	n	Live performing arts	M163
210	11	2	1613	-	1623	n	Rental of cablevision and satellite services	M165
211	11	2	1624	-	1634	n	Use of recreation facilities	M166
212	11	2	1635	-	1645	n	Membership fees for sports and recreation facilities	M167
213	11	2	1646	-	1656	n	Single use fees for sports and recreation facilities	M169
214	11	2	1657	-	1667	n	Children's camps	M171
215	11	2	1668	-	1678	n	Admission to museums and other activities	M164
216	11	2	1679	-	1689	n	Package travel tours	M172
217	11	2	1690	-	1700	n	Other recreational services	M173

Field	Size	Decimal places	Position			Type*	Description	Variable Name
							<b>READING MATERIALS AND OTHER PRINTED MATTER</b>	
218	11	2	1701	-	1711	n	Reading materials and other printed matter	M201
219	11	2	1712	-	1722	n	Newspapers	M202
220	11	2	1723	-	1733	n	Magazines and periodicals	M203
221	11	2	1734	-	1744	n	Books and pamphlets (excluding school books)	M204
							<b>EDUCATION</b>	
222	11	2	1745	-	1755	n	Education	M301
223	11	2	1756	-	1766	n	Education Supplies and textbooks	M302TOT
224	11	2	1767	-	1777	n	Tuition fees	M308
							<b>TOBACCO PRODUCTS AND ALCOHOLIC BEVERAGES</b>	
225	11	2	1778	-	1788	n	Tobacco products and alcoholic beverages	N101
226	11	2	1789	-	1799	n	Tobacco products and smokers' supplies	N102
227	11	2	1800	-	1810	n	Cigarettes, cigars and tobacco	N103
228	11	2	1811	-	1821	n	Alcoholic beverages	N105
229	11	2	1822	-	1832	n	Served on licensed premises	N106
230	11	2	1833	-	1843	n	Purchased from stores	N107
231	11	2	1844	-	1854	n	Self-made alcoholic beverages	N108
							<b>OTHER EXPENSES</b>	
233	11	2	1855	-	1865	n	Miscellaneous expenditures	O101
234	11	2	1866	-	1876	n	Financial services	O104
235	11	2	1877	-	1887	n	Dues to unions and professional associations	O109
232	11	2	1888	-	1898	n	Games of chance (net)	N201
236	11	2	1899	-	1909	n	Personal taxes	O201
237	11	2	1910	-	1920	n	Personal insurance payments and pension contributions	O301
238	11	2	1921	-	1931	n	Life insurance premiums, annuity contracts, and transfers to RRIFs	O302TOT
239	11	2	1932	-	1942	n	Employment insurance premiums	O304
240	11	2	1943	-	1953	n	Retirement and pension fund payments	O305
241	11	2	1954	-	1964	n	Canada and Quebec pension plan	O306
242	11	2	1965	-	1975	n	Other government pension funds	O307
243	11	2	1976	-	1986	n	Other retirement or pension funds (excluding RRSP)	O308
244	11	2	1987	-	1997	n	Gifts of money and contributions	O401
245	11	2	1998	-	2008	n	Gifts of money and other support payments to persons living inside Canada	O403
246	11	2	2009	-	2019	n	Gifts of money and other support payments to persons living outside Canada	O404
247	11	2	2020	-	2030	n	Religious organizations	O406
248	11	2	2031	-	2041	n	Non-religious charitable organizations	O407
249	11	2	2042	-	2052	n	Current expense	TOTCUCON
250	11	2	2053	-	2063	n	Total expense	TOTEXPEN
							<b>ADDITIONAL VARIABLES</b>	
251	1	0	2064	-	2064	c	Crowded Dwelling Indicator	CROWDEDP

\*n = numeric  
c = character

# DATA DICTIONNARY

## Location

Variable Name: **CASEID**  
Unit Type: Code  
Description: Identification number

---

Variable Name: **WEIGHT**  
Unit Type: Count  
Description: Weight at household level

---

Variable Name: **FYPYFLAG**  
Unit Type: Code  
Description: Full-year/part-year household indicator

Code	Description
1	Full-year household
2	Part-year household

Note: To create statistics for average annual expenditures, users should use data for full-year households. To tabulate dwelling characteristics, household equipment or create other types of expenditure statistics such as aggregates or market share, users should use data for full-year and part-year households.

---

Variable Name: **PROVINCP**  
Unit Type: Code  
Description: Province/Territory

Code	Description
00	Masked records
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
60	Yukon/NWT/Nunavut

---

Variable Name: **URBRUR**  
Unit Type: Code  
Description: Urban/rural region code

Code	Description
0	Masked records
1	Urban
2	Rural

---

Variable Name: **URBSIZEP**  
Unit Type: Code  
Description: Size of area of residence code

Code	Description
0	Masked records
1	30,000 and over
2	Under 30,000
3	Rural

---

## Dwelling

Variable Name: **TYPDWELP**  
Unit Type: Code  
Description: Type of dwelling occupied at December 31

1 (If SHS\_B:001 =01)  
2 (If SHS\_B:001 =02)  
3 (If SHS\_B:001 =03)  
4 (If SHS\_B:001 =04)  
5 (If SHS\_B:001 = (05 or 06))  
6 (If SHS\_B:001 between 07 and 09)

Code	Description
1	Single detached
2	Double
3	Row or terrace
4	Duplex
5	Apartment
6	Hotel, rooming or lodging house, mobile home, or other

Note: This variable describes the type of dwelling in which the household resided on December 31. A dwelling is a structurally separate set of living premises with a private entrance from outside the building or from a common hall or stairway.

Single detached: A structure with one dwelling only, separated by open space from all other structures.

Double or semi-detached: A dwelling joined to only one other dwelling, separated from it by a wall extending from ground to roof.

Row or terrace: A dwelling unit in a row of three or more dwellings, sharing common walls extending from ground to roof and in which there are no other dwellings either above or below.

Duplex: Two dwellings, situated one above the other, not attached to any other structure and surrounded on all sides by open space.

Apartment: Dwellings in triplexes, quadruplexes or apartments separated from other dwellings by horizontal and vertical divisions.

Hotel, rooming or lodging house, mobile home, or other:

Includes:

- motels, hotels, tourist homes, halfway houses, school residences, YM/YMCA's;
- all rooming and lodging houses or individual rooms within such structures;
- bunk houses in lumber, mining, construction and military camps, and Hutterite colonies;
- mobile homes - movable dwellings designed and constructed to be transported (by road) on their own chassis to a site, and placed on a temporary foundation such as block posts or a prepared pad;
- others - dwellings (other than mobile homes) used as permanent residences and capable of being moved on short notice, e.g., motor homes, tents, railroad cars, houseboats (including float-houses and live-aboard boats).

Additional clarification: Although we exclude identified collectives (hotels, residences, halfway houses) at the time of survey, it is possible that on December 31 the household lived in a collective and that is why this option is included in Type of Dwelling.

---

Variable Name:    **YEARBUIP**  
Unit Type:        Code  
Description:      Period of construction of dwelling

- 1 (If SHS\_B:003 =10)
- 2 (If SHS\_B:003 =11)
- 3 (If SHS\_B:003 =12)
- 4 (If SHS\_B:003 =13)
- 5 (If SHS\_B:003 =14)
- 6 (If SHS\_B:003 =15)
- 7 (If SHS\_B:003 = (16 or 17))

Code	Description
1	1920 or before
2	1921 - 1945
3	1946 - 1960
4	1961 - 1970
5	1971 - 1980
6	1981 - 1990
7	1991 to reference year

Note: This variable gives the year or period in which the original building was constructed.

Variable Name: **NUMRMP**  
Unit Type: Count  
Description: Number of rooms

01-10 (If SHS\_B:005 between 1 and 10)  
11 (If SHS\_B:005 >10)

Code	Description
01-10	Actual numbers
11	11 or more rooms

Note: This variable includes the kitchen, bedrooms, and finished rooms in the attic or basement.

It excludes bathrooms, halls, vestibules and rooms used solely for business purposes.

---

Variable Name: **NUMBEDRP**  
Unit Type: Count  
Description: Number of bedrooms

0-4 (If SHS\_B:006 between 0 and 4)  
5 (If SHS\_B:006 >4)

Code	Description
0-4	Actual numbers
5	5 or more bedrooms

Note: This variable includes all rooms designated as bedrooms even though the use may be occasional, as in the case of "spare" bedrooms. Bedrooms that were built in the basement of a dwelling are also included.

Exclude rooms designated as dining rooms, living rooms, etc., which may be used as bedrooms at night.

---

Variable Name: **NUMBTHRP**  
Unit Type: Count  
Description: Number of bathrooms

0-2 (If SHS\_B:007 between 0 and 2)  
3 (If SHS\_B:007 >2)

Code	Description
0-2	Actual numbers
3	3 or more bathrooms

Note: This variable indicates the number of rooms in the dwelling with an installed bathtub and/or shower.

---

Variable Name: **TENURYRP**  
Unit Type: Code  
Description: Dwelling tenure during reference year

Dwelling tenure = Code 1 (Owned without mortgage)  
when SHS\_E:002 between 1 and 11 + SHS\_D:001 =1 + SHS\_I:001 =0;  
or when SHS\_E:002 =12 + SHS\_D:001 =1

Dwelling tenure = Code 2 (Owned with mortgage)  
when SHS\_E:002 between 1 and 11 + SHS\_D:001 =2 + SHS\_I:001 =0;  
or when SHS\_E:002 =12 + SHS\_D:001 =2

Dwelling tenure = Code 3 (Rented or occupied rent free)  
when SHS\_E:002 =0 + SHS\_D:001 =3 + SHS\_I:001 between 1 and 11;  
or when SHS\_E:002 =0 + SHS\_D:001 =3 + SHS\_I:001 =12;  
or when SHS\_E:002 between 1 and 11 + SHS\_D:001 =3 + SHS\_I:001 =12;  
or when SHS\_E:002 =12 + SHS\_D:001 =3 + SHS\_I:001 =12;  
or when SHS\_E:002 =0 + SHS\_D:001 =4 + SHS\_I:001 between 1 and 11;  
or when SHS\_E:002 =0 + SHS\_D:001 =4 + SHS\_I:001 =12;  
or when SHS\_E:002 between 1 and 11 + SHS\_D:001 =4 + SHS\_I:001 =12;  
or when SHS\_E:002 =12 + SHS\_D:001 =4 + SHS\_I:001 =12

Dwelling tenure = Code 4 (Mixed tenure)  
when SHS\_E:002 between 1 and 11 + SHS\_D:001 =1 + SHS\_I:001 between 1 and 11;  
or when SHS\_E:002 between 1 and 11 + SHS\_D:001 =2 + SHS\_I:001 between 1 and 11;  
or when SHS\_E:002 between 1 and 11 + SHS\_D:001 =1 + SHS\_I:001 =12;  
or when SHS\_E:002 between 1 and 11 + SHS\_D:001 =2 + SHS\_I:001 =12;  
or when SHS\_E:002 between 1 and 11 + SHS\_D:001 =3 + SHS\_I:001 between 1 and 11;  
or when SHS\_E:002 between 1 and 11 + SHS\_D:001 =4 + SHS\_I:001 between 1 and 11;  
or when SHS\_E:002 =12 + SHS\_D:001 =3 + SHS\_I:001 between 1 and 11;  
or when SHS\_E:002 =12 + SHS\_D:001 =4 + SHS\_I:001 between 1 and 11

Code	Description
1	Owned without mortgage during the reference year
2	Owned with mortgage during the reference year
3	Rented or occupied rent free during the reference year
4	Mixed tenure during the reference year

Note: Owned with mortgage indicates that the dwelling was owned by a household member for the entire reference year and that there is a mortgage as of December 31.

Owned without mortgage indicates that the dwelling was owned by a household member for the entire reference year and that there was no mortgage as of December 31.

Rented or occupied rent-free indicates that the dwelling was rented or occupied rent-free by a household member for the entire reference year.

Mixed tenure includes those households that both owned and rented during the reference year.

Variable Name: **TENDC31P**  
Unit Type: Code  
Description: Dwelling tenure at December 31

- 1 (If SHS\_D:001 =1)
- 2 (If SHS\_D:001 =2)
- 3 (If SHS\_D:001 = (3 or 4))

Code	Description
1	Owned without mortgage on December 31
2	Owned with mortgage on December 31
3	Rented or occupied rent-free on December 31

Note: Owned with mortgage indicates that, on December 31, the dwelling was owned by a household member and that there was a mortgage.

Owned without mortgage indicates that, on December 31, the dwelling was owned by a household member and that there was no mortgage.

Rented or occupied rent-free indicates that, on December 31, the dwelling was rented or occupied rent-free by a household member.

---

Variable Name: **PURPRICE**  
Unit Type: Dollar (\$)  
Description: Purchase price of home bought in reference year

SHS\_F:003

---

Variable Name: **SELPRICE**  
Unit Type: Dollar (\$)  
Description: Selling price of home sold in reference year

SHS\_F:006

---

Variable Name: **REPAIRS**  
Unit Type: Code  
Description: Dwelling repairs needed

- 1 (If SHS\_B:004 =18)
- 2 (If SHS\_B:004 =19)
- 3 (If SHS\_B:004 =20)

Code	Description
1	Yes, major repairs were needed
2	Yes, minor repairs were needed
3	No, only regular maintenance was needed

Note: This variable indicates the respondent's perception of the repairs the dwelling needed on December 31 to restore it to its original condition.

Remodelling, additions, conversions, or energy improvements which would upgrade the dwelling over and above its original condition are excluded.

---

Variable Name: **ADRENALT**  
Unit Type: Dollar (\$)  
Description: Additions, renovations and alterations

SHS\_H:002 + SHS\_H:004 + SHS\_H:006

---

Variable Name: **NEWINST**  
Unit Type: Dollar (\$)  
Description: New installations of equipment and fixtures

SHS\_H:009 + SHS\_H:012 + SHS\_H:015

---

Variable Name: **YRMOVEDP**  
Unit Type: Code  
Description: Year household moved to the dwelling occupied at December 31

SHS\_D:002

Code	Description
1	Before 1970
2	1970 - 1979
3	1980 - 1989
4	1990 - 1998
5	1999

Note: This item refers to the year the household moved into the dwelling. If the dwelling was occupied by previous generations, the first year that the household member who has occupied the dwelling the longest is recorded.

---

Variable Name: **BUYHMFLG**  
Unit Type: Code  
Description: Household purchased home in reference year

SHS\_F:001

Code	Description
0	No
1	Yes

---

Variable Name: **HEATMAIP**  
Unit Type: Code  
Description: Principal heating equipment

1 (If SHS\_B:008 =01)  
2 (If SHS\_B:008 =(02 or 03))  
3 (If SHS\_B:008 =(04, 06 or 07))  
4 (If SHS\_B:008 =05)

Code	Description
1	Steam or hot water furnace
2	Forced hot air and other hot air furnace

---

- 3 Heating stoves (including wood stove), cookstove, or other
- 4 Electric heating

Note: This variable indicates the type of heating equipment which is chiefly used to heat the dwelling in winter.

Steam or hot water furnaces distribute central heating through radiators located throughout the house and connected by pressure pipes.

Forced hot air furnaces distribute central heating by a motor-driven fan through vents located throughout the dwelling. (This is the most common central heating system.) Furnaces with a pump are included in this category. Other hot air furnaces distribute central heating by convection (natural) flow of hot air through vents located throughout the house. Gravity furnaces are included in this category.

Heating stoves are localized heating units with no central distribution system to other parts of the house (e.g., oil space heater, gas space heater, wood stoves). Also includes cookstoves and any other type of heating equipment not listed above.

Electric heating includes electric furnaces and also permanently installed baseboard electric heating and other types such as floor or ceiling heating wires in all or most rooms.

Variable Name: **HEATAGE**  
 Unit Type: Code  
 Description: Age of principal heating equipment

- 1 (If SHS\_B:010 =08)
- 2 (If SHS\_B:010 =09)
- 3 (If SHS\_B:010 =10)
- 4 (If SHS\_B:010 =11)
- 5 (If SHS\_B:010 =12)

Code	Description
1	5 years or less
2	6 to 10 years
3	11 to 15 years
4	16 to 20 years
5	Over 20 years

Note: This variable indicates how long ago the principal heating equipment was installed.

Variable Name: **HEATFUEP**  
 Unit Type: Code  
 Description: Principal heating fuel

- 1 (If SHS\_B:011 =13)
- 2 (If SHS\_B:011 =14)
- 3 (If SHS\_B:011 =16)
- 4 (If SHS\_B:011 =(15, 17 or 18))

Code	Description
1	Oil or other liquid fuel
2	Piped gas (natural gas)
3	Electricity
4	Bottled gas, wood, or other

Note: The principal winter fuel used in the principal heating equipment is given here (e.g., oil or other liquid fuel, piped or bottled gas, electricity, wood or other fuels).

Variable Name: **HOTWATEP**  
 Unit Type: Code  
 Description: Principal heating fuel for hot water

- 1 (If SHS\_B:013 = 19)
- 2 (If SHS\_B:013 = 20)
- 3 (If SHS\_B:013 = (21, 23, 24 or 25))
- 4 (If SHS\_B:013 =22)

Code	Description
1	Oil or other liquid fuel
2	Piped gas (natural gas)
3	Bottled gas (propane), wood, other, or no running hot water
4	Electricity

Note: This variable indicates the type of fuel used for the running hot water supply (e.g., oil or other liquid fuel, piped gas, electricity or other fuels such as bottled gas or wood).

Variable Name: **COOKINGP**  
 Unit Type: Code  
 Description: Principal cooking fuel

- 1 (If SHS\_B:015 =27)
- 2 (If SHS\_B:015 =29)
- 3 (If SHS\_B:015 =(26, 28, 30 or 31))

Code	Description
1	Piped gas (natural gas)
2	Electricity
3	Oil or other liquid fuel, bottled gas (propane), wood, or other

Note: This variable indicates the main fuel for the range or stove on which the household does most of the cooking (e.g., piped gas, electricity, oil or other liquid fuel, bottled gas, and wood).

Variable Name: **REDURENT**  
 Unit Type: Code  
 Description: Reduced rent reason

SHS\_I:005

Code	Description
0	Dwelling not rented
1	Government subsidized housing
2	Other reason (e.g. services to landlord)
3	No reduced rent

---

## Characteristics of Reference Person

Variable Name: **RPINCTOT**  
 Unit Type: Dollar (\$)  
 Description: Income of reference person before taxes

Sum(SHS\_U:004 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:005 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:006 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:007 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:008 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:009 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:010 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:011 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:012 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:013 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:014 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:015 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:016 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:018 for Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for reference person from earnings, investment, government transfer payments and other sources.

---

Variable Name: **RPINCEAR**  
 Unit Type: Dollar (\$)  
 Description: Income of reference person from earnings

Sum(SHS\_U:004 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:005 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:006 for Reference Person: If (SHS\_A:012 between 1 and 3))  
 Sum(SHS\_U:007 for Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for reference person from wages and salaries, net income from self-employment, and gross income from roomers and boarders.

---

Variable Name: **RPINCINV**  
 Unit Type: Dollar (\$)  
 Description: Income of reference person from investment

Sum(SHS\_U:008 for Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for reference person from dividends, interest, and other investment income such as net rental income or interest received from loans or mortgages.

---

Variable Name: **RPINCTRA**  
Unit Type: Dollar (\$)  
Description: Income of reference person from government transfer payments

Sum(SHS\_U:009 for Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:010 for Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:011 for Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:012 for Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:013 for Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:014 for Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:015 for Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for reference person from Child Tax Benefits, Old Age Security Pension, Guaranteed Income Supplement, Spouse's Allowance, Canada Pension Plan Benefits or Quebec Pension Plan Benefits, Employment Insurance Benefits, Goods and Services Tax Credit, Provincial Tax Credits, Social Assistance, Provincial Income Supplements, Workers' Compensation Benefits, Veterans' Pensions, Civilian War Pensions and Allowances, and Other Income from Government Sources.

---

Variable Name: **RPINCOTH**  
Unit Type: Dollar (\$)  
Description: Income of reference person from other sources

Sum(SHS\_U:016 for Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:018 for Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income of reference person from retirement pensions, superannuation, annuities, RRIF withdrawals, and other income such as alimony, separation allowance, child support, retirement allowance, severance pay, income maintenance plan payments, scholarships, bursaries and income from outside Canada.

---

Variable Name: **RPMARP**  
Unit Type: Code  
Description: Marital status of reference person

SHS\_A:005

Code	Description
1	Married or common law
2	Never married (single)
3	Other (separated, divorced, or widowed)

---

Variable Name: **RPAGEP**  
Unit Type: Count  
Description: Age of reference person

SHS\_A:003

Code	Description
24	Less than 25 years
25 to 79	Actual numbers in years
80	80 to 84 years
85	85 years and over

---

Variable Name: **RPAGEGRP**  
 Unit Type: Code  
 Description: Age group of reference person

SHS\_A:003

Code	Description
01	Less than 25 years
02	25-29 years
03	30-34 "
04	35-39 "
05	40-44 "
06	45-49 "
07	50-54 "
08	55-59 "
09	60-64 "
10	65-69 "
11	70-74 "
12	75-79 "
13	80-84 "
14	85 years and over

---

Variable Name: **RPSEX**  
 Unit Type: Code  
 Description: Sex of reference person

Sex (SHS\_A:004) of person having relationship (SHS\_A:002) = 1

Code	Description
1	Male
2	Female

---

Variable Name: **RPWEEKFT**  
 Unit Type: Count  
 Description: Number of weeks worked full-time by reference person

SHS\_U:002

Code	Description
00 to 52	Actual numbers

---

Variable Name: **RPWEEKPT**  
 Unit Type: Count  
 Description: Number of weeks worked part-time by reference person

SHS\_U:003

Code	Description
00 to 52	Actual numbers

---

Variable Name: **RPPREVDW**  
Unit Type: Code  
Description: Tenure of previous dwelling of reference person

SHS\_D:002  
SHS\_D:003

Code	Description
1	Before 1994
2	Owned
3	Rented
4	Did not maintain own dwelling

Note: Households that moved to their dwelling before 1994 were not asked this question.

---

## Characteristics of Spouse of Reference Person

Variable Name: **SPINCTOT**  
Unit Type: Dollar (\$)  
Description: Income of spouse before taxes

Sum(SHS\_U:004 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:005 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:006 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:007 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:008 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:009 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:010 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:011 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:012 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:013 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:014 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:015 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:016 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:018 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for reference person from earnings, investment, government transfer payments and other sources.

---

Variable Name: **SPINCEAR**  
Unit Type: Dollar (\$)  
Description: Income of spouse from earnings

Sum(SHS\_U:004 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:005 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:006 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:007 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for spouse of reference person from wages and salaries, net income from self-employment, and gross income from roomers and boarders.

---

Variable Name: **SPINCINV**  
Unit Type: Dollar (\$)  
Description: Income of spouse from investment

Sum(SHS\_U:008 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for spouse of reference person from dividends, interest, and other investment income such as net rental income or interest received from loans or mortgages.

---

Variable Name: **SPINCTRA**  
Unit Type: Dollar (\$)  
Description: Income of spouse from government transfer payments

Sum(SHS\_U:009 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:010 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:011 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:012 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:013 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:014 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:015 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for spouse of reference person from Child Tax Benefits, Old Age Security Pension, Guaranteed Income Supplement, Spouse's Allowance, Canada Pension Plan Benefits or Quebec Pension Plan Benefits, Employment Insurance Benefits, Goods and Services Tax Credit, Provincial Tax Credits, Social Assistance, Provincial Income Supplements, Workers' Compensation Benefits, Veterans' Pensions, Civilian War Pensions and Allowances, and Other Income from Government Sources.

---

Variable Name: **SPINCOTH**  
Unit Type: Dollar (\$)  
Description: Income of spouse from other sources

Sum(SHS\_U:016 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))  
Sum(SHS\_U:018 for Spouse of Reference Person: If (SHS\_A:012 between 1 and 3))

Note: Includes income for spouse of reference person from retirement pensions, superannuation, annuities, RRIF withdrawals, and other income such as alimony, separation allowance, child support, retirement allowance, severance pay, income maintenance plan payments, scholarships, bursaries and income from outside Canada.

---

Variable Name: **SPAGEP**  
Unit Type: Count  
Description: Age of spouse

SHS\_A:003

Code	Description
99	No spouse
24	Less than 25 years
25 to 79	Actual numbers in years
80	80-84 years
85	85 years and over

---

Variable Name: **SPAGEGRP**  
 Unit Type: Code  
 Description: Age group of spouse

SHS\_A:003

Code	Description
99	No spouse
01	Less than 25 years
02	25-29 years
03	30-34 "
04	35-39 "
05	40-44 "
06	45-49 "
07	50-54 "
08	55-59 "
09	60-64 "
10	65-69 "
11	70-74 "
12	75-79 "
13	80-84 "
14	85 years and over

---

Variable Name: **SPSEX**  
 Unit Type: Code  
 Description: Sex of spouse

Sex (SHS\_A:004) of person having relationship (SHS\_A:002) = 2

Code	Description
9	No spouse
1	Male
2	Female

---

Variable Name: **SPWEEKFT**  
 Unit Type: Count  
 Description: Number of weeks worked full-time by spouse

SHS\_U:002

Code	Description
00 to 52	Actual numbers
99	No spouse

---

Variable Name: **SPWEEKPT**  
Unit Type: Count  
Description: Number of weeks worked part-time by spouse

SHS\_U:003

Code	Description
00 to 52	Actual numbers
99	No spouse

---

Variable Name: **SPPREVDW**  
Unit Type: Code  
Description: Tenure of previous dwelling of spouse

SHS\_D:003

Code	Description
1	Before 1994
2	Owned
3	Rented
4	Did not maintain own dwelling
9	No spouse

Note: Households that moved to their dwelling before 1994 were not asked this question.

---

## Household Description

Variable Name: **ECFAM**  
Unit Type: Count  
Description: Number of economic families in household

SHS\_A:006

Code	Description
1	1
2	2 or more

Note: In the Survey of Household Spending, one-person households are included in code 1. However, the Census definition of 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, common-law or adoption".

---

Variable Name: **HHTYPEP**  
Unit Type: Code  
Description: Household type

1. One-person household  
Size of household = 1
2. Married couple household only  
Husband-wife household with no children and no additional persons  
Size of household = 2 and marital status (A:005) = 1 or 2 and member of household

December 31 (A:007) = 1 and person data collection code (A:012) = 1 to 3 for both reference person and spouse

3. Married couple household with single children only  
Husband-wife household with single children and no additional persons  
Marital status (A:005) = 1 or 2 and member of household December 31 (A:007) = 1 and person data collection code (A:012) = 1 to 3 for both reference person and spouse and primary children > 0 and secondary persons = 0
4. Married couple household with other relative(s)  
Husband-wife household with additional related persons  
(these households may or may not have children)  
Marital status (A:005) = 1 or 2 and member of household December 31 (A:007) = 1 and person data collection code (A:012) = 1 to 3 for both reference person and spouse and related secondary persons > 0 and unrelated secondary persons = 0  
  
Married couple household with unrelated person(s)  
Husband-wife household with additional persons, at least one person unrelated  
(these households may or may not have children)  
Marital status (A:005) = 1 or 2 and member of household December 31 (A:007) = 1 and person data collection code (A:012) = 1 to 3 for both reference person and spouse and unrelated secondary persons > 0
5. Lone-parent household with no additional persons  
No person with relationship (A:002) = 02 and primary children > 0 and secondary persons = 0
6. Other household, all persons related  
Any other household where related secondary persons > 0 and unrelated secondary persons = 0 or household with spouse not married or not present December 31 (any person with relationship (A:002) = 02 and marital status (A:005) not 1 or 2 or member of household December 31 (A:007) not 1) and person data collection code (A:012) = 1 to 3 and unrelated secondary persons = 0
7. Other household, at least one person unrelated  
Any other household with at least one person with person data collection code (A:012) = 1 to 3

Code	Description
1	One person
2	Married couple only
3	Married couple with single children only
4	Married couple with other relatives or unrelated persons
5	Lone parent with no additional persons
6	Other household with relative(s)
7	Other household with unrelated person(s)

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

Relatives may include:

- sons, daughters and foster children (of the reference person) whose marital status is other than single (never married),
- relatives (of the reference person) by birth or marriage (not spouse, son, daughter, or foster child),
- spouse (of the reference person) who was not present in the household on December 31.

---

Variable Name: **HHSZD31**  
Unit Type: Code  
Description: Household size at December 31

SHS\_A:007

Note: Count of persons member of household on December 31.

---

Variable Name: **CH04D31**  
Unit Type: Count  
Description: Number of children aged 0 to 4 years in the household at December 31

Count of persons having age (reference year - year of birth (A:003)) < 5 and person data collection code (A:012) = 1 to 3 and member on December 31 (A:007) = 1

---

Variable Name: **CH517D31**  
Unit Type: Count  
Description: Number of children aged 5 to 17 years in the household at December 31

Count of persons having age (reference year - year of birth (A:003)) >4 and < 18 and person data collection code (A:012) = 1 to 3 and member on December 31 (A:007) = 1

---

Variable Name: **Y1824D31**  
Unit Type: Count  
Description: Number of youths aged 18 to 24 years in the household at December 31

Count of persons having age (reference year - year of birth (A:003)) >17 and < 25 and person data collection code (A:012) = 1 to 3 and member on December 31 (A:007) = 1

---

Variable Name: **A2564D31**  
Unit Type: Count  
Description: Number of adults aged 25 to 64 years at December 31

Count of persons having age (reference year - year of birth (A:003)) > 24 and < 65 and person data collection code (A:012) = 1 to 3 and member on December 31 (A:007) = 1

---

Variable Name: **SE65D31**  
Unit Type: Count  
Description: Number of seniors aged 65 or more at December 31

Count of persons having age (reference year - year of birth (A:003)) > 64 and person data collection code (A:012) = 1 to 3 and member on December 31 (A:007) = 1

---

Variable Name: **HHSZTOT**  
Unit Type: Count  
Description: Household size (number of persons a member sometime in reference year)

Count of persons in the household with person data collection code (SHS\_A:012) = 1 to 3

---

Variable Name: **AGEYOUNP**  
Unit Type: Count  
Description: Age of youngest child (member sometime in reference year)

This is the lowest age (reference year - year of birth (SHS\_A:003)) of any person in the household with relationship (SHS\_A:002) = 3 and marital status (SHS\_A:005) = 3 and person data collection code (SHS\_A:012) = 1 to 3 if present, otherwise set to 99

Code	Description
00 to 24	Actual numbers in years
25	25 years and over
99	Without children

---

Variable Name: **NUMWKS**  
Unit Type: Count  
Description: Total number of weeks a member of household (sum for all household members)

SHS\_A:009

Note: Divide by 52 to obtain year equivalent household size.

---

Variable Name: **NUMFTP**  
Unit Type: Code  
Description: Number of full-time earners

Count of persons having employment status = 1 and person data collection code (SHS\_A:012) = 1 to 3

Weeks worked (full-time weeks (SHS\_U:002) + part-time weeks (SHS\_U:003)) >= 49 and full-time weeks (SHS\_U:002) >= 25

Maximum value of weeks worked is limited to 52.

Code	Description
0	None
1	1
2	2 or more

---

Variable Name: **NUMPTP**  
Unit Type: Code  
Description: Number of part-time earners

Count of persons having employment status = 2 and person data collection code (SHS\_A:012) = 1 to 3

Weeks worked (full-time weeks (SHS\_U:002) + part-time weeks (SHS\_U:003)) = 1 to 48 or weeks worked (full-time weeks (SHS\_U:002) + part-time weeks (SHS\_U:003)) >= 49 and full-time weeks (SHS\_U:002) < 25

Maximum value of weeks worked is limited to 52.

Code	Description
0	None
1	1
2	2
3	3 or more

---

Variable Name: **MAINCSCP**  
Unit Type: Code  
Description: Household major source of income

0. All sources = 0  
Total wages and salaries (U:004) = 0 and total self-employment income (U:005+U:006+U:007)= 0 and total investment income (U:008) = 0 and total government transfer payments (U:009+U:010+U:011+U:012+U:013+U:014+U:015)= 0 and other income (U:016+U:018) = 0
1. Major source is wages and salaries  
Total wages and salaries (U:004) not = 0 and >= total self-employment income (U:005+U:006+U:007) and total investment income (U:008) and total government transfer payments (U:009+U:010+U:011+U:012+U:013+U:014+U:015) and other income (U:016+U:018)  
  
OR Major source is self-employment income  
Total self-employment income (U:005+U:006+U:007) not = 0 and >= total wages and salaries (U:004) and total investment income (U:008) and total government transfer payments (U:009+U:010+U:011+U:012+U:013+U:014+U:015) and other income (U:016+U:018)
2. Major source is investment income  
Total investment income (U:008) not = 0 and >= total wages and salaries (U:004) and total self-employment income (U:005+U:006+U:007) and total government transfer payments (U:009+U:010+U:011+U:012+U:013+U:014+U:015) and other income (U:016+U:018)
3. Major source is government transfer payments  
Total government transfer payments (U:009+U:010+U:011+U:012+U:013+U:014+U:015) not = 0 and >= total wages and salaries (U:004) and total self-employment income (U:005+U:006+U:007) and total investment income (U:008) and other income (U:016+U:018)
4. Major source is other income  
Other income (U:016+U:018) not = 0 and >= total wages and salaries (U:004) and total self-employment income (U:005+U:006+U:007) and total investment income (U:008) and total government transfer payments (U:009+U:010+U:011+U:012+U:013+U:014+U:015)

Code	Description
0	All sources = 0
1	Major source is wages and salaries or self-employment income
2	Major source is investment income
3	Major source is government transfer payments
4	Major source is other sources

---

Variable Name: **HHINCTOT**  
Unit Type: Dollar (\$)  
Description: Household income before taxes

SHS\_U:004 to SHS\_U:018 EXCLUDING personal income tax refunds (SHS\_U:017)

Sum(SHS\_U:004 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:005 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:006 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:007 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:008 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:009 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:010 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:011 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:012 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:013 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:014 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:015 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:016 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:018 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Note: Includes income for household from earnings, investment, government transfer payments and other sources.

---

Variable Name: **HHINCEAR**  
Unit Type: Dollar (\$)  
Description: Household income from earnings

Sum(SHS\_U:004 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:005 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:006 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 <

1983)

Sum(SHS\_U:007 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Note: Includes income for household from wages and salaries, net income from self-employment, and gross income from roomers and boarders.

---

Variable Name: **HHINCINV**  
Unit Type: Dollar (\$)  
Description: Household income from investment

Sum(SHS\_U:008 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Note: Includes income for household from dividends, interest, and other investment income such as net rental income or interest received from loans or mortgages.

---

Variable Name: **HHINCTRA**  
Unit Type: Dollar (\$)  
Description: Household income from government transfer payments

Sum(SHS\_U:009 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:010 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:011 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:012 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:013 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:014 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:015 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Note: Includes income for household from Child Tax Benefits, Old Age Security Pension, Guaranteed Income Supplement, Spouse's Allowance, Canada Pension Plan Benefits or Quebec Pension Plan Benefits, Employment Insurance Benefits, Goods and Services Tax Credit, Provincial Tax Credits, Social Assistance, Provincial Income Supplements, Workers' Compensation Benefits, Veterans' Pensions, Civilian War Pensions and Allowances, and Other Income from Government Sources.

---

Variable Name: **HHINCOTH**  
Unit Type: Dollar (\$)  
Description: Household income from other sources

Sum(SHS\_U:016 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_U:018 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Note: Includes household income from retirement pensions, superannuation, annuities, RRIF withdrawals, and other income such as alimony, separation allowance, child support, retirement allowance, severance pay, income maintenance plan payments, scholarships, bursaries and income from outside Canada.

---

Variable Name: **OTHMONRE**  
Unit Type: Dollar (\$)  
Description: Total other money receipts (includes net winnings from games of chance)

Sum(SHS\_U:019 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)  
(SHS\_T:008 + SHS\_T:010 + SHS\_T:012 + SHS\_T:014) - ((SHS\_T:007 + SHS\_T:009 + SHS\_T:011 + SHS\_T:013) - 1); If (SHS\_T:008 + SHS\_T:010 + SHS\_T:012 + SHS\_T:014) >= (SHS\_T:007 + SHS\_T:009 + SHS\_T:011 + SHS\_T:013), otherwise set to 0

Note: Includes other money received by households such as gifts received from persons outside household, cash inheritances, life insurance settlements, or net winnings from games of chance if greater than losses.

---

Variable Name: **MONFLOWS**  
Unit Type: Dollar (\$)  
Description: Money flows (assets, loans and other debts)

SHS\_W:001 - SHS\_W:002  
SHS\_W:003 - SHS\_W:004  
SHS\_W:005 - SHS\_W:006  
SHS\_W:007 - SHS\_W:008  
SHS\_W:009 - SHS\_W:010  
SHS\_W:011 - SHS\_W:012  
(SHS\_W:013 + SHS\_L:018 + SHS\_L:052) \* (-1)  
(SHS\_G:008 \* SHS\_G:009) + (SHS\_G:010 \* SHS\_G:011) + (SHS\_G:012 \* SHS\_G:013)  
(SHS\_G:018 + SHS\_G:019 + SHS\_G:020 + SHS\_G:021) \* (-1)  
SHS\_F:003  
SHS\_F:006 \* (-1)  
SHS\_H:002 + SHS\_H:004 + SHS\_H:006  
SHS\_H:009 + SHS\_H:012 + SHS\_H:015  
SHS\_K:005  
SHS\_K:003  
SHS\_K:004 \* (-1)  
SHS\_K:008 \* (-1)  
SHS\_K:009  
SHS\_K:019  
SHS\_K:017  
SHS\_K:018 \* (-1)  
SHS\_K:024 \* (-1)  
SHS\_K:020  
SHS\_X:002  
SHS\_X:003  
SHS\_X:005 \* (-1)  
SHS\_X:006 \* (-1)  
SHS\_X:004 \* (-1)  
SHS\_X:007 - SHS\_X:008  
SHS\_X:010 - SHS\_X:009

Sum(SHS\_Y:015 for each loan)  
 (Sum(SHS\_Y:014 + SHS\_Y:017 for each loan)) \* (-1)  
 SHS\_Y:114 - SHS\_Y:115  
 SHS\_Y:117 - SHS\_Y:118  
 SHS\_Y:111 - SHS\_Y:112  
 SHS\_Y:120 - SHS\_Y:121  
 SHS\_Y:116  
 SHS\_Y:119  
 SHS\_Y:113  
 SHS\_Y:122

Note: Money flows are net changes during the survey year in bank balances; money on hand; money owed to the household; money owed by the household; purchase and sale of stocks and bonds, personal property, and real estate; expenditures on home additions, renovations and new installations; and contributions to and withdrawals from registered retirement savings plans.

"Net change in assets and liabilities" was the term used in 1996 and earlier Family Expenditure Surveys.

See note under G001.

Variable Name: **RRSPCHNG**  
 Unit Type: Dollar (\$)  
 Description: Registered Retirement Savings Plan (RRSP) change

SHS\_W:007 – SHS\_W:008

Note: Contributions to RRSP minus withdrawals from RRSP at the household level.

Variable Name: **EIFLAG**  
 Unit Type: Code  
 Description: Employment insurance benefit (EI) indicator

SHS\_U:012

Code	Description
0	Employment insurance benefit = 0
1	Employment insurance benefit > 0

## Household Equipment (at December 31)

Variable Name: **WASHERP**  
 Unit Type: Code  
 Description: Washing machine

0 (If SHS\_C:017 = 9)  
 1 (If SHS\_C:017 = 7)  
 2 (If SHS\_C:017 = 8)

Code	Description
0	None
1	Automatic
2	Any other kind

Note: An automatic washing machine is fully automatic with wash and rinse cycles. "Other" washing machines include electric wringer washers.

Washing machines located outside the dwelling and shared with other households are excluded.

Variable Name: **DRYERP**  
 Unit Type: Code  
 Description: Clothes dryer

0 (If SHS\_C:018 = 3)  
 1 (If SHS\_C:018 = 1)  
 2 (If SHS\_C:018 = 2)

Code	Description
0	None
1	Electric
2	Gas

Note: Dryers may be electric or gas.

Clothes dryers located outside the dwelling and shared with other households are excluded.

Variable Name: **DSHWASHP**  
 Unit Type: Code  
 Description: Dishwasher

0 (If SHS\_C:016 =6)  
 1 (If SHS\_C:016 =4)  
 2 (If SHS\_C:016 =5)

Code	Description
0	None
1	Built-in automatic
2	Portable automatic

Note: Dishwashers may be built-in or portable.

Variable Name: **NMFRIDGP**  
 Unit Type: Count  
 Description: Number of refrigerators

0 (If SHS\_C:001 =0)  
 1 (If SHS\_C:001 =1)  
 2 (If SHS\_C:001 =2)  
 3 (If SHS\_C:001 =3 OR >3)

Code	Description
0	None
1	1
2	2
3	3 or more

---

Variable Name: **FREEZER**  
 Unit Type: Code  
 Description: Freezer

0 (If SHS\_C:009 = No)  
 1 (If SHS\_C:009 = Yes)

Code	Description
0	No
1	Yes

Note: A freezer is an individual piece of equipment and not part of a refrigeration unit such as the freezer in a refrigerator.

---

Variable Name: **MICROWV**  
 Unit Type: Code  
 Description: Microwave oven

0 (If SHS\_C:008 = No)  
 1 (If SHS\_C:008 = Yes)

Code	Description
0	No
1	Yes

---

Variable Name: **AIRCONP**  
 Unit Type: Code  
 Description: Air conditioner

0 (If SHS\_C:015 =3)  
 1 (If SHS\_C:015 =1)  
 2 (If SHS\_C:015 =2)

Code	Description
0	None
1	Window type
2	Central

Note: A central air conditioner is designed to cool the air in the entire building and may be located either inside or outside this dwelling unit, for example, in the basement of an apartment block. A window-type air conditioner is installed in a window or through a wall to cool the air in a room.

---

Variable Name: **NMPHONP**  
Unit Type: Count  
Description: Number of telephones

0 (If SHS\_C004 =0)  
1 (If SHS\_C004 =1)  
2 (If SHS\_C004 =2)  
3 (If SHS\_C004 =3)  
4 (If SHS\_C004 =4)  
5 (If SHS\_C004 =5)  
6 (If SHS\_C004 =6 OR >6)

Code	Description
0	None
1	1
2	2
3	3
4	4
5	5
6	6 or more

Note: Telephones used for business are included if the business is conducted in the dwelling. Cordless phones are included.

Cellular telephones are excluded.

---

Variable Name: **NMPHNUMP**  
Unit Type: Count  
Description: Number of telephone numbers

0 (If SHS\_C006 =0)  
1 (If SHS\_C006 =1)  
2 (If SHS\_C006 =2)  
3 (If SHS\_C006 =3 OR >3)

Code	Description
0	None
1	1
2	2
3	3 or more

Variable Name: **CELLPHON**  
Unit Type: Code  
Description: Cellular telephone

0 (If SHS\_C:007 = No)  
1 (If SHS\_C:007 = Yes)

Code	Description
0	No
1	Yes

Note: Cordless phones are excluded.

---

Variable Name: **CDPLYER**  
Unit Type: Code  
Description: Compact disc player

0 (If SHS\_C:011 = No)  
1 (If SHS\_C:011 = Yes)

Code	Description
0	No
1	Yes

Note: A compact disc player may be a separate unit, part of a component or built in (as in a receiver/cassette recorder/compact disc combination unit).

---

Variable Name: **CABLETV**  
Unit Type: Code  
Description: Cablevision

0 (If SHS\_C:010 = No)  
1 (If SHS\_C:010 = Yes)

Code	Description
0	No
1	Yes

---

Variable Name: **NMVCRP**  
Unit Type: Count  
Description: Number of video cassette recorders

0 (If SHS\_C003 =0)  
1 (If SHS\_C003 =1)  
2 (If SHS\_C003 =2)  
3 (If SHS\_C003 =3 OR >3)

Code	Description
0	None
1	1
2	2
3	3 or more

Note: Video cassette recorder (VCR) is a unit which plays videocassettes when attached to a television or monitor.

---

Variable Name: **COMPUTER**  
Unit Type: Code  
Description: Home computer

0 (If SHS\_C:012 = No)  
1 (If SHS\_C:012 = Yes)

Code	Description
0	No
1	Yes

Note: Computers used exclusively for business purposes are excluded.

Variable Name: **MODEM**  
 Unit Type: Code  
 Description: Modem

0 (If SHS\_C:013 = No)  
 1 (If SHS\_C:013 = Yes)

Code	Description
0	No
1	Yes
9	No computer

Note: A modem is a communication device for microcomputers that translates a computer's digital signal into an analogue signal (and vice versa) for transmission over telephone lines or cables. A modem may be located inside a microcomputer's system cabinet. It may also be a separate unit (external).

Variable Name: **INTERNET**  
 Unit Type: Code  
 Description: Internet use from home

0 (If SHS\_C:014 = No)  
 1 (If SHS\_C:014 = Yes)

Code	Description
0	No
1	Yes
9	No modem

Note: This variable indicates whether or not the household accesses the Internet via a computer in the home. It includes cases where a home computer is used to link to a business located outside the dwelling for access to the Internet.

Excluded are cases where the Internet is accessed directly through a computer located outside the dwelling (e.g., work).

Variable Name: **NMCOLTVP**  
 Unit Type: Count  
 Description: Number of colour televisions

0 (If SHS\_C002 =0)  
 1 (If SHS\_C002 =1)  
 2 (If SHS\_C002 =2)  
 3 (If SHS\_C002 =3)  
 4 (If SHS\_C002 =4)  
 5 (If SHS\_C002 =5 OR >5)

Code	Description
0	None
1	1
2	2
3	3
4	4
5	5 or more

---

Variable Name: **NMVEHONP**  
 Unit Type: Count  
 Description: Number of vehicles owned at December 31

0 (If Count (vehicles where SHS\_Q:018 = 1) =0)  
 1 (If Count (vehicles where SHS\_Q:018 = 1) =1)  
 2 (If Count (vehicles where SHS\_Q:018 = 1) =2)  
 3 (If Count (vehicles where SHS\_Q:018 = 1) =3)  
 4 (If Count (vehicles where SHS\_Q:018 = 1) =4 OR >4)

Code	Description
0	None
1	1
2	2
3	3
4	4 or more

Note: This variable gives the number of vehicles (car, van/mini-van, truck/sport utility vehicle) owned by members of the household on December 31 completely or partially for private use, excluding those leased.

---

Variable Name: **VEHLEASP**  
 Unit Type: Code  
 Description: Vehicles leased at December 31

0 (If Count (vehicles where SHS\_Q:018 = 2) = 0)  
 1 (If Count (vehicles where SHS\_Q:018 = 2) = 1 or more)

Code	Description
0	No
1	Yes

---

## Expenditure - Food

Variable Name: **F001**  
 Unit Type: Dollar (\$)  
 Description: Total food

SHS\_N:001 - SHS\_N:002 + SHS\_N:003 + SHS\_N:004  
 SHS\_N:005  
 SHS\_N:014  
 SHS\_N:015  
 SHS\_N:008

---

Variable Name: **F002**  
Unit Type: Dollar (\$)  
Description: Food purchased from stores

SHS\_N:001 - SHS\_N:002 + SHS\_N:003 + SHS\_N:004  
SHS\_N:005

Note: Stores include frozen food provisioners, outdoor farmers' markets and stands, and all other non-service establishments. ("Food prepared at home" was the term used in the 1978 and earlier Family Expenditure surveys.)

---

Variable Name: **F008**  
Unit Type: Dollar (\$)  
Description: Food purchased from restaurants

SHS\_N:008

Note: Restaurants include refreshment stands, snack bars, vending machines, mobile canteens, caterers, and coffee wagons. ("Food in eating places" was the term used in the 1978 and earlier Family Expenditure surveys.)

---

## Expenditure - Shelter

Variable Name: **G001**  
Unit Type: Dollar (\$)  
Description: Total shelter

$((SHS\_I:002 + SHS\_I:003) * (100 - PctRentAgainstBusiness\_I:011)/100) - (SHS\_I:004 * (100 - PctRentAgainstBusiness\_I:011)/100)$   
SHS\_I:006 \* (100 - PctRentAgainstBusiness\_I:011)/100  
SHS\_I:007 \* (100 - PctRentAgainstBusiness\_I:011)/100  
(SHS\_G:002 \* SHS\_G:003) + (SHS\_G:004 \* SHS\_G:005) + (SHS\_G:006 \* SHS\_G:007)  
SHS\_H:008 + SHS\_H:011 + SHS\_H:014 + SHS\_H:017 + SHS\_H:019 + SHS\_H:021  
SHS\_E:006 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_E:003 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_E:005 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_F:007  
SHS\_F:008  
SHS\_G:016  
SHS\_F:009  
SHS\_F:004  
SHS\_J:001  
SHS\_J:003  
SHS\_J:002  
SHS\_K:010  
SHS\_K:011  
SHS\_K:012  
SHS\_K:013  
SHS\_K:014  
SHS\_J:005  
SHS\_J:006

Note: Shelter includes expenditures on principal accommodation (either owned or rented) and on other accommodation such as vacation homes or accommodation while travelling.

Prior to 1997 in the Family Expenditure Survey, mortgage interest payments were reported in the "Shelter" category under both "Owned living quarters" and "Owned vacation homes". (Mortgage principal payments were reported under "Net change in assets and liabilities" since they were considered to pertain to a change in the value of household assets.)

For the Survey of Household Spending (starting with the 1997 reference year), interest payments are not available separately from principal. "Regular mortgage payments" on "Owned living quarters" (including both principal and interest) are included under "Shelter". However, the entire mortgage payment for owned vacation homes is included under "Money flows - assets, loans and other debts".

Caution should therefore be used when comparing these data to data from previous years. Categories affected include: Total expenditure, Total current consumption, Principal accommodation, Owned living quarters, Regular mortgage payments, Other accommodation, Owned vacation home, and Money flows (assets, loans, and other debts).

---

Variable Name: **G002**  
Unit Type: Dollar (\$)  
Description: Principal accommodation

$((SHS\_I:002 + SHS\_I:003) * (100 - PctRentAgainstBusiness\_I:011)/100) - (SHS\_I:004 * (100 - PctRentAgainstBusiness\_I:011)/100)$   
SHS\_I:006 \* (100 - PctRentAgainstBusiness\_I:011)/100  
SHS\_I:007 \* (100 - PctRentAgainstBusiness\_I:011)/100  
(SHS\_G:002 \* SHS\_G:003) + (SHS\_G:004 \* SHS\_G:005) + (SHS\_G:006 \* SHS\_G:007)  
SHS\_H:008 + SHS\_H:011 + SHS\_H:014 + SHS\_H:017 + SHS\_H:019 + SHS\_H:021  
SHS\_E:006 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_E:003 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_E:005 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_F:007  
SHS\_F:008  
SHS\_G:016  
SHS\_F:009  
SHS\_F:004  
SHS\_J:001  
SHS\_J:003  
SHS\_J:002

See note under G001.

---

Variable Name: **G003**  
Unit Type: Dollar (\$)  
Description: Rented living quarters

$((SHS\_I:002 + SHS\_I:003) * (100 - PctRentAgainstBusiness\_I:011)/100) - (SHS\_I:004 * (100 - PctRentAgainstBusiness\_I:011)/100)$   
SHS\_I:006 \* (100 - PctRentAgainstBusiness\_I:011)/100  
SHS\_I:007 \* (100 - PctRentAgainstBusiness\_I:011)/100

---

Variable Name: **G004**  
Unit Type: Dollar (\$)  
Description: Rent (amount paid)

$((SHS\_I:002 + SHS\_I:003) * (100 - PctRentAgainstBusiness\_I:011)/100) - (SHS\_I:004 * (100 - PctRentAgainstBusiness\_I:011)/100)$

Note: The net household expense for rent after adjusting for rebates and for any use of the dwelling for business. No adjustment for partial subletting to non-household members is made. Receipts from this activity are considered part of household income.

---

Variable Name: **G007**  
Unit Type: Dollar (\$)  
Description: Owned living quarters

$(SHS\_G:002 * SHS\_G:003) + (SHS\_G:004 * SHS\_G:005) + (SHS\_G:006 * SHS\_G:007)$   
SHS\_H:008 + SHS\_H:011 + SHS\_H:014 + SHS\_H:017 + SHS\_H:019 + SHS\_H:021  
SHS\_E:006 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_E:003 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_E:005 \* (100 - PctExpAgainstBusiness\_E:009)/100  
SHS\_F:007  
SHS\_F:008  
SHS\_G:016  
SHS\_F:009  
SHS\_F:004

Note: See note under G001.

---

Variable Name: **G040**  
Unit Type: Dollar (\$)  
Description: Regular mortgage payments

$(SHS\_G:002 * SHS\_G:003) + (SHS\_G:004 * SHS\_G:005) + (SHS\_G:006 * SHS\_G:007)$

Note: See note under G001.

---

Variable Name: **G008**  
Unit Type: Dollar (\$)  
Description: Maintenance, repairs and replacements

SHS\_H:008 + SHS\_H:011 + SHS\_H:014 + SHS\_H:017 + SHS\_H:019 + SHS\_H:021

Note: Expenditures on the total of contracts, labour, and materials for all types of maintenance, repairs and replacements. Includes all expenditures on the dwelling such as those for built-in appliances and other equipment and fixtures. Prior to the 1996 Family Expenditure Survey, expenditures on "contract and labour cost" and "materials purchased separately" were available separately. Costs of additions, renovations, and new installations are considered increases in assets and are included in "Money flows - assets, loans and other debts".

An annual data series showing household expenditures on repairs and renovations is available from the Homeowner Repair and Renovation Survey. See "Homeowner Repair and Renovation Expenditures in Canada", Catalogue No. 62-201.

---

Variable Name: **G009**  
Unit Type: Dollar (\$)  
Description: Condominium charges on principal residence

SHS\_E:006 \* (100 - PctExpAgainstBusiness\_E:009)/ 100

---

Variable Name: **G010**  
Unit Type: Dollar (\$)  
Description: Property taxes on principal residence

SHS\_E:003 \* (100 - PctExpAgainstBusiness\_E:009)/ 100

Note: This is the amount billed, excluding any rebates. Special service charges (e.g., garbage, sewage), local improvements, and water charges are included if these are part of the property tax bill.

Property taxes that are included in condominium charges are excluded.

---

Variable Name: **G011**  
Unit Type: Dollar (\$)  
Description: Homeowners' insurance premiums on principal residence

SHS\_E:005 \* (100 - PctExpAgainstBusiness\_E:009)/ 100

Note: Premiums paid in 1997 for fire and comprehensive policies. Premiums covering more than the survey year were not prorated.

---

Variable Name: **G019**  
Unit Type: Dollar (\$)  
Description: Water, fuel and electricity for principal residence

SHS\_J:001  
SHS\_J:003  
SHS\_J:002

---

Variable Name: **G020**  
Unit Type: Dollar (\$)  
Description: Water and sewage for principal residence

SHS\_J:001

---

Variable Name: **G022**  
Unit Type: Dollar (\$)  
Description: Fuel for principal residence (e.g., oil, gas)

SHS\_J:003

---

Variable Name: **G024**  
Unit Type: Dollar (\$)  
Description: Electricity for principal residence

SHS\_J:002

---

Variable Name: **G025**  
Unit Type: Dollar (\$)  
Description: Other accommodation

SHS\_K:010  
SHS\_K:011  
SHS\_K:012  
SHS\_K:013  
SHS\_K:014  
SHS\_J:005  
SHS\_J:006

---

Variable Name: **G026**  
Unit Type: Dollar (\$)  
Description: Owned vacation home

SHS\_K:010  
SHS\_K:011  
SHS\_K:012  
SHS\_K:013  
SHS\_K:014

---

Variable Name: **G032**  
Unit Type: Dollar (\$)  
Description: Traveller accommodation

SHS\_J:005  
SHS\_J:006

Note: Traveller accommodation excludes accommodation that was part of a travel tour (which is included in "Package travel tours" M172).

---

## Expenditure - Household Operation

Variable Name: **H001**  
Unit Type: Dollar (\$)  
Description: Total household operation

SHS\_M:003  
SHS\_M:001  
SHS\_M:005  
SHS\_M:002  
SHS\_M:004  
SHS\_M:006  
SHS\_M:007  
SHS\_M:008  
SHS\_M:009  
SHS\_M:010  
SHS\_M:015  
SHS\_M:016  
SHS\_M:017  
SHS\_M:018  
SHS\_M:021  
SHS\_M:022  
SHS\_M:023  
SHS\_M:012  
SHS\_M:013  
SHS\_M:014  
SHS\_M:011  
SHS\_M:024

---

Variable Name: **H002**  
Unit Type: Dollar (\$)  
Description: Communications

SHS\_M:003  
SHS\_M:001  
SHS\_M:005  
SHS\_M:002  
SHS\_M:004  
SHS\_M:006

---

Variable Name: **H003**  
Unit Type: Dollar (\$)  
Description: Telephone

SHS\_M:003  
SHS\_M:001  
SHS\_M:005

---

Variable Name: **H004**  
Unit Type: Dollar (\$)  
Description: Purchase of telephones and equipment

SHS\_M:003

---

Variable Name: **H005**  
Unit Type: Dollar (\$)  
Description: Telephone services

SHS\_M:001  
SHS\_M:005

---

Variable Name: **H008**  
Unit Type: Dollar (\$)  
Description: Cellular services

SHS\_M:002

---

Variable Name: **H009**  
Unit Type: Dollar (\$)  
Description: Internet services

SHS\_M:004

---

Variable Name: **H010**  
Unit Type: Dollar (\$)  
Description: Postal and other communication services

SHS\_M:006

---

Variable Name: **H011**  
Unit Type: Dollar (\$)  
Description: Child care expenses

SHS\_M:007  
SHS\_M:008  
SHS\_M:009

---

Variable Name: **H016**  
Unit Type: Dollar (\$)  
Description: Domestic and other custodial services (excluding child care)

SHS\_M:010

---

Variable Name: **H017**  
Unit Type: Dollar (\$)  
Description: Pet expenses

SHS\_M:015  
SHS\_M:016  
SHS\_M:017  
SHS\_M:018

---

Variable Name: **H022**  
Unit Type: Dollar (\$)  
Description: Household cleaning supplies

SHS\_M:021

---

Variable Name: **H023**  
Unit Type: Dollar (\$)  
Description: Paper, plastic and foil household supplies

SHS\_M:022  
SHS\_M:023

---

Variable Name: **H026**  
Unit Type: Dollar (\$)  
Description: Garden supplies and services

SHS\_M:012  
SHS\_M:013  
SHS\_M:014  
SHS\_M:011

---

## **Expenditure - Household Furnishings and Equipment**

Variable Name: **I001**  
Unit Type: Dollar (\$)  
Description: Total household furnishings and equipment

SHS\_L:001  
SHS\_L:004  
SHS\_L:005  
SHS\_L:006  
SHS\_L:007  
SHS\_L:002  
SHS\_L:049  
SHS\_L:041  
SHS\_L:042  
SHS\_L:043  
SHS\_L:048  
SHS\_L:061  
SHS\_L:044  
SHS\_L:045

SHS\_L:047  
SHS\_L:046  
SHS\_L:063  
SHS\_L:050  
SHS\_L:084  
SHS\_L:085  
SHS\_L:081  
SHS\_L:082  
SHS\_L:083  
SHS\_L:003  
SHS\_L:072  
SHS\_L:071  
SHS\_L:086  
SHS\_L:087  
SHS\_L:088  
SHS\_L:089  
SHS\_L:008  
SHS\_L:051  
SHS\_L:090  
SHS\_J:004  
SHS\_L:091

---

Variable Name: **I002**  
Unit Type: Dollar (\$)  
Description: Household furnishings

SHS\_L:001  
SHS\_L:004  
SHS\_L:005  
SHS\_L:006  
SHS\_L:007  
SHS\_L:002

---

Variable Name: **I003**  
Unit Type: Dollar (\$)  
Description: Furniture

SHS\_L:001

---

Variable Name: **I004**  
Unit Type: Dollar (\$)  
Description: Rugs, mats and underpadding

SHS\_L:004

---

Variable Name: **I005**  
Unit Type: Dollar (\$)  
Description: Window coverings and household textiles

SHS\_L:005

---

Variable Name: **I006**  
Unit Type: Dollar (\$)  
Description: Art, antiques and decorative ware

SHS\_L:006  
SHS\_L:007  
SHS\_L:002

---

Variable Name: **I010**  
Unit Type: Dollar (\$)  
Description: Household equipment

SHS\_L:049  
SHS\_L:041  
SHS\_L:042  
SHS\_L:043  
SHS\_L:048  
SHS\_L:061  
SHS\_L:044  
SHS\_L:045  
SHS\_L:047  
SHS\_L:046  
SHS\_L:063  
SHS\_L:050  
SHS\_L:084  
SHS\_L:085  
SHS\_L:081  
SHS\_L:082  
SHS\_L:083  
SHS\_L:003  
SHS\_L:072  
SHS\_L:071  
SHS\_L:086  
SHS\_L:087  
SHS\_L:088  
SHS\_L:089

---

Variable Name: **I011**  
Unit Type: Dollar (\$)  
Description: Household appliances

SHS\_L:049  
SHS\_L:041  
SHS\_L:042  
SHS\_L:043  
SHS\_L:048  
SHS\_L:061

SHS\_L:044  
SHS\_L:045  
SHS\_L:047  
SHS\_L:046  
SHS\_L:063  
SHS\_L:050

Note: Net purchase price after deducting trade-in allowance and any discount.

Excludes appliances included in the purchase of a home and built-in appliances. Expenditures on household fixtures (e.g., built-in appliances and wall-to-wall carpeting) can be reported under the appropriate expenditure item or, if they were part of a larger job, under "Additions, renovations etc. to a home", or "Maintenance, repairs and replacements".

---

Variable Name: **I027TOT**  
Unit Type: Dollar (\$)  
Description: Other household tools, equipment and accessories

SHS\_L:084  
SHS\_L:085  
SHS\_L:081  
SHS\_L:082  
SHS\_L:083  
SHS\_L:003  
SHS\_L:072  
SHS\_L:071  
SHS\_L:086  
SHS\_L:087  
SHS\_L:088  
SHS\_L:089

---

Variable Name: **I042**  
Unit Type: Dollar (\$)  
Description: Maintenance and repairs of furniture and equipment

SHS\_L:008  
SHS\_L:051  
SHS\_L:090

---

Variable Name: **I046**  
Unit Type: Dollar (\$)  
Description: Services related to furnishings and equipment

SHS\_J:004  
SHS\_L:091

---

## Expenditure - Clothing

Variable Name: **J001**  
Unit Type: Dollar (\$)  
Description: Total clothing

Sum(SHS\_O:002 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:003 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:004 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:005 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
SHS\_O:141  
Sum(SHS\_O:052 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:053 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:054 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:055 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
SHS\_O:142  
Sum(SHS\_O:102 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:104 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
SHS\_O:143 + (SHS\_O:102: If PersonNo = 00) + (SHS\_O:104: If PersonNo = 00)  
SHS\_O:144  
SHS\_O:145  
SHS\_O:146  
SHS\_M:019  
SHS\_M:020  
SHS\_O:147

---

Variable Name: **J002**  
Unit Type: Dollar (\$)  
Description: Women's and girls' wear including gifts (4 years and over)

Sum(SHS\_O:002 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:003 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:004 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:005 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
SHS\_O:141

---

Variable Name: **J007**  
Unit Type: Dollar (\$)  
Description: Clothing gifts to non-household members - women and girls (4 years and over)

SHS\_O:141

---

Variable Name: **J008**  
Unit Type: Dollar (\$)  
Description: Men's and boys' wear including gifts (4 years and over)

Sum(SHS\_O:052 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:053 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:054 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:055 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
SHS\_O:142

---

Variable Name: **J013**  
Unit Type: Dollar (\$)  
Description: Clothing gifts to non-household members - men and boys (4 years and over)

SHS\_O:142

---

Variable Name: **J014**  
Unit Type: Dollar (\$)  
Description: Children's wear including gifts (under 4 years)

Sum(SHS\_O:102 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
Sum(SHS\_O:104 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3))  
SHS\_O:143 + (SHS\_O:102: If PersonNo = 00) + (SHS\_O:104: If PersonNo = 00)

---

Variable Name: **J017**  
Unit Type: Dollar (\$)  
Description: Clothing gifts to non-household members - children (under 4 years)

SHS\_O:143 + (SHS\_O:102: If PersonNo = 00) + (SHS\_O:104: If PersonNo = 00)

---

Variable Name: **J019TOT**  
Unit Type: Dollar (\$)  
Description: Clothing material and notions

SHS\_O:144  
SHS\_O:145

---

Variable Name: **J021**  
Unit Type: Dollar (\$)  
Description: Clothing services

SHS\_O:146  
SHS\_M:019  
SHS\_M:020  
SHS\_O:147

---

Variable Name: **J023TOT**  
Unit Type: Dollar (\$)  
Description: Laundry and dry-cleaning service, laundromats and self-service dry-cleaning

SHS\_M:019  
SHS\_M:020

---

## Expenditure - Transportation

Variable Name: **K001**  
Unit Type: Dollar (\$)  
Description: Total transportation

Sum (SHS\_Q:015 for each vehicle: If SHS\_Q:012 = 1)  
Sum (SHS\_Q:015 for each vehicle: If SHS\_Q:012 = 2 or 3)  
Sum(SHS\_Q:020 \* (-1) for each vehicle)  
Sum(SHS\_Q:023 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each Vehicle)  
SHS\_Q:201  
SHS\_Q:202  
SHS\_Q:203  
SHS\_Q:204  
SHS\_Q:205  
SHS\_Q:206  
Sum(SHS\_Q:017 for each vehicle)  
Sum(SHS\_Q:022 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:024 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:025 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
SHS\_I:008 \* (100 - PctRentAgainstBusiness\_I:011)/100  
Sum(SHS\_Q:028 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
SHS\_Q:302  
SHS\_Q:301  
Sum(SHS\_Q:027 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:026 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:029 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
SHS\_R:092  
SHS\_R:093  
SHS\_R:094  
SHS\_R:095  
SHS\_R:096  
SHS\_R:097  
SHS\_R:098

---

Variable Name: **K002**  
Unit Type: Dollar (\$)  
Description: Private transportation

Sum (SHS\_Q:015 for each vehicle: If SHS\_Q:012 = 1)  
Sum (SHS\_Q:015 for each vehicle: If SHS\_Q:012 = 2 or 3)  
Sum(SHS\_Q:020 \* (-1) for each vehicle)  
Sum(SHS\_Q:023 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
SHS\_Q:201  
SHS\_Q:202  
SHS\_Q:203  
SHS\_Q:204  
SHS\_Q:205  
SHS\_Q:206  
Sum(SHS\_Q:017 for each Vehicle)  
Sum(SHS\_Q:022 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:024 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:025 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
SHS\_I:008 \* (100 - PctRentAgainstBusiness\_I:011)/100  
Sum(SHS\_Q:028 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
SHS\_Q:302  
SHS\_Q:301  
Sum(SHS\_Q:027 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:026 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:029 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)

---

Variable Name: **K003**  
Unit Type: Dollar (\$)  
Description: Purchase of automobiles and trucks

Sum (SHS\_Q:015 for each vehicle: If SHS\_Q:012 = 1)  
Sum (SHS\_Q:015 for each vehicle: If SHS\_Q:012 = 2 or 3)  
Sum(SHS\_Q:020 \* (-1) for each vehicle)

Note: Net purchase price, including extra equipment, accessories, and warranties bought when the vehicle was purchased, after deducting any trade-in allowance or separate sales. (Separate sales occur when a vehicle is sold independently by the owner, i.e., not traded-in when purchasing or leasing another vehicle.)

---

Variable Name: **K007**  
Unit Type: Dollar (\$)  
Description: Purchase of automotive accessories

Sum(SHS\_Q:023 \* (100 - PctVehExpAgainstBus\_Q:031)/ 100 for each Vehicle)

---

Variable Name: **K008**  
Unit Type: Dollar (\$)  
Description: Rented and leased automobiles and trucks

SHS\_Q:201  
SHS\_Q:202  
SHS\_Q:203

SHS\_Q:204  
SHS\_Q:205  
SHS\_Q:206  
Sum(SHS\_Q:017 for each vehicle)

---

Variable Name: **K019**  
Unit Type: Dollar (\$)  
Description: Operation of owned and leased automobiles and trucks

Sum(SHS\_Q:022 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:024 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:025 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
SHS\_I:008 \* (100 - PctRentAgainstBusiness\_I:011)/100  
Sum(SHS\_Q:028 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
SHS\_Q:302  
SHS\_Q:301  
Sum(SHS\_Q:027 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:026 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)  
Sum(SHS\_Q:029 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)

---

Variable Name: **K020**  
Unit Type: Dollar (\$)  
Description: Gasoline and other fuels

Sum(SHS\_Q:022 \* (100 - PctVehExpAgainstBus\_Q:031)/ 100 for each Vehicle)

---

Variable Name: **K022**  
Unit Type: Dollar (\$)  
Description: Automotive maintenance and repair

Sum(SHS\_Q:025 \* (100 - PctVehExpAgainstBus\_Q:031)/ 100 for each Vehicle)

---

Variable Name: **K023**  
Unit Type: Dollar (\$)  
Description: Garage rent and parking

SHS\_I:008 \* (100 - PctRentAgainstBusiness\_I011)/100  
Sum(SHS\_Q:028 \* (100 - PctVehExpAgainstBus\_Q:031)/100 for each vehicle)

---

Variable Name: **K028**  
Unit Type: Dollar (\$)  
Description: Private and public vehicle insurance premiums

Sum(SHS\_Q:027 \* (100 - PctVehExpAgainstBus\_Q:031)/ 100 for each Vehicle)

---

Variable Name: **K031**  
Unit Type: Dollar (\$)  
Description: Public transportation

SHS\_R:092  
SHS\_R:093  
SHS\_R:094  
SHS\_R:095  
SHS\_R:096  
SHS\_R:097  
SHS\_R:098

---

Variable Name: **K032TOT**  
Unit Type: Dollar (\$)  
Description: Local and commuter transportation

SHS\_R:092  
SHS\_R:093

Note: Includes city or commuter bus, subway, street car, commuter train, and taxi.

---

Variable Name: **K034TOT**  
Unit Type: Dollar (\$)  
Description: Inter-city transportation

SHS\_R:094  
SHS\_R:095  
SHS\_R:096

Note: Includes airplane, train and highway bus.

---

Variable Name: **K037**  
Unit Type: Dollar (\$)  
Description: Other passenger transportation

SHS\_R:097

---

Variable Name: **K038**  
Unit Type: Dollar (\$)  
Description: Household moving, storage and delivery services

SHS\_R:098

---

## Expenditure - Health Care

Variable Name: **L101**  
Unit Type: Dollar (\$)  
Description: Total health care

SHS\_P:019  
SHS\_P:017  
SHS\_P:018  
SHS\_P:013  
SHS\_P:009  
SHS\_P:010  
SHS\_P:011  
SHS\_P:012  
SHS\_P:015  
SHS\_P:014  
SHS\_P:016  
SHS\_P:005  
SHS\_P:006  
SHS\_P:007  
SHS\_P:008

---

Variable Name: **L102**  
Unit Type: Dollar (\$)  
Description: Direct health care costs to household

SHS\_P:019  
SHS\_P:017  
SHS\_P:018  
SHS\_P:013  
SHS\_P:009  
SHS\_P:010  
SHS\_P:011  
SHS\_P:012  
SHS\_P:015  
SHS\_P:014  
SHS\_P:016

---

Variable Name: **L103**  
Unit Type: Dollar (\$)  
Description: Health care supplies

SHS\_P:019

---

Variable Name: **L104**  
Unit Type: Dollar (\$)  
Description: Medicinal and pharmaceutical products

SHS\_P:017  
SHS\_P:018

---

Variable Name: **L105**  
Unit Type: Dollar (\$)  
Description: Prescription drugs

SHS\_P:017

---

Variable Name: **L106**  
Unit Type: Dollar (\$)  
Description: Other medicines and pharmaceutical products

SHS\_P:018

---

Variable Name: **L107**  
Unit Type: Dollar (\$)  
Description: Physicians' care

SHS\_P:013

---

Variable Name: **L108**  
Unit Type: Dollar (\$)  
Description: Eye care goods and services

SHS\_P:009  
SHS\_P:010  
SHS\_P:011

---

Variable Name: **L112**  
Unit Type: Dollar (\$)  
Description: Dental services

SHS\_P:012

---

Variable Name: **L114**  
Unit Type: Dollar (\$)  
Description: Hospital care

SHS\_P:015

---

Variable Name: **L116**  
Unit Type: Dollar (\$)  
Description: Other health care practitioners

SHS\_P:014

---

Variable Name: **L117**  
Unit Type: Dollar (\$)  
Description: Other medical services

SHS\_P:016

---

Variable Name: **L118**  
Unit Type: Dollar (\$)  
Description: Health insurance premiums

SHS\_P:005  
SHS\_P:006  
SHS\_P:007  
SHS\_P:008

---

Variable Name: **L119**  
Unit Type: Dollar (\$)  
Description: Public hospital, medical and drug plans

SHS\_P:005

---

Variable Name: **L120**  
Unit Type: Dollar (\$)  
Description: Private health insurance plans

SHS\_P:006  
SHS\_P:007  
SHS\_P:008

---

## **Expenditure - Personal Care**

Variable Name: **L201**  
Unit Type: Dollar (\$)  
Description: Personal care

SHS\_P:003  
Sum(SHS\_O:103 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3)) + (SHS\_O:103: If PersonNo = 00)  
SHS\_L:062  
SHS\_P:004  
SHS\_P:001  
SHS\_P:002

---

Variable Name: **L202**  
Unit Type: Dollar (\$)  
Description: Personal care supplies and equipment

SHS\_P:003  
Sum(SHS\_O:103 for each Person: If (PersonNo between 01 and 15) and (SHS\_A:012 between 1 and 3)) + (SHS\_O:103: If PersonNo = 00)

---

SHS\_L:062  
SHS\_P:004

---

Variable Name: **L207**  
Unit Type: Dollar (\$)  
Description: Personal care services

SHS\_P:001  
SHS\_P:002

---

## Expenditure - Recreation

Variable Name: **M101**  
Unit Type: Dollar (\$)  
Description: Total recreation

SHS\_S:001  
SHS\_S:011  
SHS\_S:009  
SHS\_S:008  
SHS\_S:007  
SHS\_L:016  
SHS\_L:017  
SHS\_L:019  
SHS\_L:020  
SHS\_S:003  
SHS\_S:004  
SHS\_S:005  
SHS\_S:006  
SHS\_S:012  
SHS\_S:002  
SHS\_S:013  
SHS\_S:015  
SHS\_S:014  
SHS\_R:001

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 4)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 3)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 1)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 2)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 8)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 5)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 6)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 7)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 9)

SHS\_R:002

SHS\_R:091

Sum(SHS\_R:016 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:015 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:017 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:018 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:019 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:020 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
SHS\_L:011  
SHS\_L:013  
SHS\_L:014  
SHS\_L:012  
SHS\_L:015  
SHS\_L:031  
SHS\_L:034  
SHS\_L:032  
SHS\_S:016  
SHS\_S:019  
SHS\_S:017  
SHS\_S:018  
SHS\_L:033  
SHS\_S:021  
SHS\_S:022  
SHS\_S:020  
SHS\_S:023  
SHS\_R:100  
SHS\_S:024

---

Variable Name: **M102**  
Unit Type: Dollar (\$)  
Description: Recreation equipment and associated services

SHS\_S:001  
SHS\_S:011  
SHS\_S:009  
SHS\_S:008  
SHS\_S:007  
SHS\_L:016  
SHS\_L:017  
SHS\_L:019  
SHS\_L:020  
SHS\_S:003  
SHS\_S:004  
SHS\_S:005  
SHS\_S:006  
SHS\_S:012  
SHS\_S:002  
SHS\_S:013  
SHS\_S:015  
SHS\_S:014

---

Variable Name: **M103**  
Unit Type: Dollar (\$)  
Description: Sports and athletic equipment

SHS\_S:001

---

Variable Name: **M106TOT**  
Unit Type: Dollar (\$)  
Description: Toys, electronic games and art/hobby materials

SHS\_S:007, S:008, S:009

Note: In 1997, this variable included spending on computer equipment and supplies.

---

Variable Name: **M110**  
Unit Type: Dollar (\$)  
Description: Computer equipment and supplies

SHS\_L:016  
SHS\_L:017  
SHS\_L:019  
SHS\_L:020

---

Variable Name: **M116**  
Unit Type: Dollar (\$)  
Description: Photographic goods and services

SHS\_S:003  
SHS\_S:004  
SHS\_S:005

---

Variable Name: **M126**  
Unit Type: Dollar (\$)  
Description: Recreation vehicles and associated services

SHS\_R:001

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 4)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 3)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 1)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 2)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 8)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 5)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 6)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 7)

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 9)

SHS\_R:002

SHS\_R:091

Sum(SHS\_R:016 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:015 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:017 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:018 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:019 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:020 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

---

Variable Name: **M127**  
Unit Type: Dollar (\$)  
Description: Purchase of recreation vehicles

SHS\_R:001

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 4)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 3)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 1)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 2)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 8)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 5)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 6)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 7)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 9)

---

Variable Name: **M128**  
Unit Type: Dollar (\$)  
Description: Bicycles, parts and accessories

SHS\_R:001

---

Variable Name: **M129**  
Unit Type: Dollar (\$)  
Description: Other recreational vehicles and outboard motors

Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 4)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 3)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 1)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 2)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 8)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 5)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 6)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 7)  
Sum(SHS\_R:014 - SHS\_R:023 for each recreation vehicle: If SHS\_R:012 = 9)

---

Variable Name: **M139**  
Unit Type: Dollar (\$)  
Description: Operation of recreational vehicles

SHS\_R:002

SHS\_R:091

Sum(SHS\_R:016 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:015 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:017 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:018 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:019 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

Sum(SHS\_R:020 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

---

Variable Name: **M140**  
Unit Type: Dollar (\$)  
Description: Bicycle maintenance and repairs

SHS\_R:002

---

Variable Name: **M142TOT**  
Unit Type: Dollar (\$)  
Description: Other recreation vehicle operation

Sum(SHS\_R:016 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:015 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:017 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:018 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:019 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)  
Sum(SHS\_R:020 \* (100 - PctOtherVehExpAgainstBus\_R:022)/100 for each recreation vehicle)

---

Variable Name: **M180**  
Unit Type: Dollar (\$)  
Description: Expenses for rented and leased recreational vehicles

SHS\_R:091

---

Variable Name: **M148**  
Unit Type: Dollar (\$)  
Description: Home entertainment equipment and services

SHS\_L:011  
SHS\_L:013  
SHS\_L:014  
SHS\_L:012  
SHS\_L:015  
SHS\_L:031  
SHS\_L:034  
SHS\_L:032

---

Variable Name: **M150**  
Unit Type: Dollar (\$)  
Description: Audio (e.g., radios, CD players, speakers)

SHS\_L:011

---

---

Variable Name: **M151**  
Unit Type: Dollar (\$)  
Description: Compact discs, audio tapes, videotapes and video-discs

SHS\_L:013

---

Variable Name: **M152**  
Unit Type: Dollar (\$)  
Description: Blank audio and videotapes

SHS\_L:014

---

Variable Name: **M153**  
Unit Type: Dollar (\$)  
Description: Televisions, VCRs, camcorders and other television/video components

SHS\_L:012

---

Variable Name: **M156**  
Unit Type: Dollar (\$)  
Description: Rental of videotapes and video-discs

SHS\_L:031

---

Variable Name: **M157**  
Unit Type: Dollar (\$)  
Description: Rental of home entertainment equipment and other services

SHS\_L:034

---

Variable Name: **M159**  
Unit Type: Dollar (\$)  
Description: Recreation services

SHS\_S:016  
SHS\_S:019  
SHS\_S:017  
SHS\_S:018  
SHS\_L:033  
SHS\_S:021  
SHS\_S:022  
SHS\_S:020  
SHS\_S:023  
SHS\_R:100  
SHS\_S:024

---

Variable Name: **M160**  
Unit Type: Dollar (\$)  
Description: Entertainment

SHS\_S:016  
SHS\_S:019  
SHS\_S:017  
SHS\_S:018  
SHS\_L:033

---

Variable Name: **M161**  
Unit Type: Dollar (\$)  
Description: Movie theatres

SHS\_S:016

---

Variable Name: **M162**  
Unit Type: Dollar (\$)  
Description: Live sports events (as a spectator)

SHS\_S:019

---

Variable Name: **M163**  
Unit Type: Dollar (\$)  
Description: Live performing arts

SHS\_S:017

---

Variable Name: **M165**  
Unit Type: Dollar (\$)  
Description: Rental of cablevision and satellite services

SHS\_L:033

---

Variable Name: **M166**  
Unit Type: Dollar (\$)  
Description: Use of recreation facilities

SHS\_S:021  
SHS\_S:022  
SHS\_S:020  
SHS\_S:023

---

Variable Name: **M167**  
Unit Type: Dollar (\$)  
Description: Membership fees for sports and recreation facilities

SHS\_S:021

---

---

Variable Name: **M169**  
Unit Type: Dollar (\$)  
Description: Single use fees for sports and recreation facilities

SHS\_S:022

Note: In 1997, this variable included spending on coin-operated and carnival games such as pinball and video games. Starting in 1998, coin-operated and carnival games are included under "Use of recreation facilities" (M166).

---

Variable Name: **M171**  
Unit Type: Dollar (\$)  
Description: Children's camps

SHS\_S:023

---

Variable Name: **M164**  
Unit Type: Dollar (\$)  
Description: Admission to museums and other activities

SHS\_S:018

---

Variable Name: **M172**  
Unit Type: Dollar (\$)  
Description: Package travel tours

SHS\_R:100

Note: Package trips that included at least two components of a travel tour such as transportation and accommodation, or accommodation with food and beverages.

---

Variable Name: **M173**  
Unit Type: Dollar (\$)  
Description: Other recreational services

SHS\_S:024

---

## **Expenditure - Reading Materials and Other Printed Matter**

Variable Name: **M201**  
Unit Type: Dollar (\$)  
Description: Total reading materials and other printed matter

SHS\_S:025  
SHS\_S:026  
SHS\_S:027  
SHS\_S:028  
SHS\_S:029

---

Variable Name: **M202**  
Unit Type: Dollar (\$)  
Description: Newspapers

SHS\_S:025

---

Variable Name: **M203**  
Unit Type: Dollar (\$)  
Description: Magazines and periodicals

SHS\_S:026

---

Variable Name: **M204**  
Unit Type: Dollar (\$)  
Description: Books and pamphlets (excluding school books)

SHS\_S:027

---

## **Expenditure - Education**

Variable Name: **M301**  
Unit Type: Dollar (\$)  
Description: Education

SHS\_S:032  
SHS\_S:035  
SHS\_S:031  
SHS\_S:034  
SHS\_S:030  
SHS\_S:033  
SHS\_S:036  
SHS\_S:037

---

Variable Name: **M302TOT**  
Unit Type: Dollar (\$)  
Description: Education supplies and textbooks

SHS\_S:032  
SHS\_S:035  
SHS\_S:031  
SHS\_S:034

---

Variable Name: **M308**  
Unit Type: Dollar (\$)  
Description: Tuition fees

SHS\_S:030  
SHS\_S:033

---

## **Expenditure - Tobacco Products and Alcoholic Beverages**

Variable Name: **N101**  
Unit Type: Dollar (\$)  
Description: Total tobacco products and alcoholic beverages

SHS\_T:001  
SHS\_T:002  
SHS\_N:011  
SHS\_N:006  
SHS\_N:007

---

Variable Name: **N102**  
Unit Type: Dollar (\$)  
Description: Tobacco products and smokers' supplies

SHS\_T:001  
SHS\_T:002

---

Variable Name: **N103**  
Unit Type: Dollar (\$)  
Description: Cigarettes, cigars and tobacco

SHS\_T:001

---

Variable Name: **N105**  
Unit Type: Dollar (\$)  
Description: Alcoholic beverages

SHS\_N:011  
SHS\_N:006  
SHS\_N:007

---

Variable Name: **N106**  
Unit Type: Dollar (\$)  
Description: Alcoholic beverages served on licensed premises

SHS\_N:011

---

Variable Name: **N107**  
Unit Type: Dollar (\$)  
Description: Alcoholic beverages purchased from stores

SHS\_N:006

---

Variable Name: **N108**  
Unit Type: Dollar (\$)  
Description: Self-made alcoholic beverages

SHS\_N:007

---

## **Expenditure - Other**

Variable Name: **O101**  
Unit Type: Dollar (\$)  
Description: Miscellaneous expenses

SHS\_K:021

SHS\_T:018

SHS\_T:003

SHS\_T:004

SHS\_T:005

SHS\_T:006

Sum(SHS\_V:011 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

SHS\_T:016

SHS\_T:015

SHS\_T:017

SHS\_T:019

SHS\_T:021

Note: Includes expenses on other property (not principal accommodation or vacation home), legal services, financial services, dues to unions and professional associations, contributions and dues for social clubs, forfeits of deposits, fines, money lost, and purchase of tools and equipment for work.

Prior to 1997, in the Family Expenditure Survey, interest on personal loans and interest paid on mortgages and loans for other property was reported under "Miscellaneous". (Principal payments for mortgages and loans were reported "Change in assets and liabilities" since they were considered to pertain to a change in the value of household assets or debts.)

For the Survey of Household Spending (starting with the 1997 reference year), interest payments are not available separately from principal. Payments for personal loans, and mortgages and loans pertaining to other property (including both principal and interest) are reported under "Money flows - assets, loans and other debts".

Also starting in 1997, expenditures for "Games of chance", formerly included under "Miscellaneous" became a separate sub-category. Caution should therefore be used when comparing these data to data from previous years. The categories "Total current consumption" and "Total expenditure" are also affected since "Miscellaneous" is a component of these categories.

---

Variable Name: **O104**  
Unit Type: Dollar (\$)  
Description: Financial services

SHS\_T:003  
SHS\_T:004  
SHS\_T:005  
SHS\_T:006

---

Variable Name: **O109**  
Unit Type: Dollar (\$)  
Description: Dues to unions and professional associations

Sum(SHS\_V:011 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **N201**  
Unit Type: Dollar (\$)  
Description: Games of chance (net)

SHS\_T:007  
SHS\_T:013  
SHS\_T:009  
SHS\_T:011  
 $(SHS\_T:008 + SHS\_T:010 + SHS\_T:012 + SHS\_T:014) * -1$ ; if  $(SHS\_T:008 + SHS\_T:010 + SHS\_T:012 + SHS\_T:014) < (SHS\_T:007 + SHS\_T:009 + SHS\_T:011 + SHS\_T:013)$ , otherwise  $((SHS\_T:007 + SHS\_T:009 + SHS\_T:011 + SHS\_T:013) - 1) * -1$ .

Note: "Games of chance (net)" equals the sum of expenditures on all types of games of chance minus the sum of winnings from all types of games of chance. However, if total winnings are greater than total expenditures, the amount to be subtracted from expenditures is set to \$1 less than the expenditures and the value of the remaining winnings is moved to the variable "Other money receipts".

---

Variable Name: **O201**  
Unit Type: Dollar (\$)  
Description: Personal taxes

Sum(SHS\_V:002 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)  
Sum(SHS\_V:003 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)  
Sum(SHS\_V:004 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)  
Sum((SHS\_U:017 \* (-1)) for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Note: Personal taxes are income taxes paid in the reference year for that year and on income from previous years if applicable. Also included are other personal taxes (gift taxes, Newfoundland school tax, etc.) minus income tax refunds received in the reference year, except for federal Child Tax Benefits, Goods and Services Tax credits and

provincial tax credits. These tax credits are included in "average household income before taxes".

---

Variable Name: **O301**  
Unit Type: Dollar (\$)  
Description: Personal insurance payments and pension contributions

Sum(SHS\_V:005 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:006 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:007 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:009 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:008 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:010 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Note: Payments for life insurance, annuities, employment insurance, public and private pension plans, and similar items. For certain uses of the data, some of these items might be regarded as savings, although the relationship between the expenditure and any increase in savings may not be easily determined. This category of expenditure was called "Security" prior to the 1996 Family Expenditure Survey. (Registered retirement savings plan contributions are included in "Money flows - assets, loans and other debts".)

---

Variable Name: **O302TOT**  
Unit Type: Dollar (\$)  
Description: Life insurance premiums, annuity contracts and transfers to RRIFs

Sum(SHS\_V:005 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:006 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **O304**  
Unit Type: Dollar (\$)  
Description: Employment insurance premiums

Sum(SHS\_V:007 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **O305**  
Unit Type: Dollar (\$)  
Description: Retirement and pension fund payments

Sum(SHS\_V:009 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:008 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:010 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **O306**  
Unit Type: Dollar (\$)  
Description: Canada and Quebec pension plan

Sum(SHS\_V:009 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **O307**  
Unit Type: Dollar (\$)  
Description: Other government pension funds

Sum(SHS\_V:008 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **O308**  
Unit Type: Dollar (\$)  
Description: Other retirement or pension funds (excluding RRSPs)

Sum(SHS\_V:010 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **O401**  
Unit Type: Dollar (\$)  
Description: Gifts of money and contributions

Sum(SHS\_V:012 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:013 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:014 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Sum(SHS\_V:015 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

Note: This includes money and support payments given to persons outside the household or to charity. Prior to 1997, money spent on gifts of goods and services to persons outside the household were reported separately. Starting in 1997, these expenditures are included in the appropriate spending category. The following new categories were added under Clothing in 1997: clothing gifts to non-household members for women's and girl's wear, men's and boy's wear, and children's wear.

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Variable Name: **O403**  
Unit Type: Dollar (\$)  
Description: Gifts of money and other support payments to persons living inside Canada

Sum(SHS\_V:012 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

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Variable Name: **O404**  
Unit Type: Dollar (\$)  
Description: Gifts of money and other support payments to persons living outside Canada

Sum(SHS\_V:013 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **O406**  
Unit Type: Dollar (\$)  
Description: Contributions to religious organizations

Sum(SHS\_V:014 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

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Variable Name: **O407**  
Unit Type: Dollar (\$)  
Description: Contributions to non-religious charitable organizations

Sum(SHS\_V:015 for each Person: If (SHS\_A:012 between 1 and 3) and SHS\_A:003 < 1983)

---

Variable Name: **TOTCUCON**  
Unit Type: Dollar (\$)  
Description: Total current consumption

Total expenses excluding personal taxes, personal insurance payments, and gifts and contributions

Note: Expenses incurred during the survey year for food, shelter, household operations, household furnishings and equipment, clothing, transportation, health care, personal care, recreation, reading materials, education, tobacco products and alcoholic beverages, games of chance, and a miscellaneous group of items.

Caution should be used when comparing total current consumption for the Survey of Household Spending (1997 on) to total current consumption from previous years (Family Expenditure Survey). See "Shelter" and "Miscellaneous" for more information. Prior to 1997, expenditures for gifts were not included in total current consumption. Starting in 1997, these expenditures were reported in the appropriate category and, therefore, contribute to total current consumption.

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Variable Name: **TOTEXPEN**  
Unit Type: Dollar (\$)  
Description: Total expenditure

Note: The expenditures included in "total current consumption" plus personal taxes, personal insurance payments and pension contributions, and gifts of money and contributions to persons outside the household.

Caution should be used when comparing total expenditure for the Survey of Household Spending (1997 on) to total expenditure from previous years (Family Expenditure Survey). See "Shelter" and "Miscellaneous" for more information.

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## Additional Variables

Variable Name: **CROWDEDP**  
Unit Type: Code  
Description: Crowded Dwelling Indicator

This variable was developed by Statistics Canada for Canada Mortgage and Housing Corporation (CMHC) according to the following specifications:

The National Occupancy Standard (NOS) used to measure housing suitability determines the number of bedrooms a household should have for households of different size and composition. According to the National Occupancy Standard enough bedrooms means one bedroom for each:

- cohabiting adult couple;
- unattached household member 18 years of age and over;
- same-sex pair of children under age 18;
- additional boy and / or girl in the family, unless there are two opposite sex siblings under 5 years of age, in which case they are expected to share a bedroom.

However, a household of one individual can occupy a bachelor unit (i.e. no bedroom).

For example, a household composed of a married couple and two children (boy aged 4, and girl aged 2) are expected to require 2 bedrooms. When the boy turns 5 years old, the requirement would increase to three bedrooms.

Code	Description
0	Not Crowded
1	Crowded

Note: The National Occupancy Standard was developed by CMHC through a formal Federal/ Provincial/Territorial consultation process to encompass the commonalities of all the provincial/territorial occupancy standards and to serve as Canada's official housing suitability measure or indicator. See also CMHC Socio-Economic Research Highlights, Issue 55-1, Special Studies on 1996 Census Data: Canadian Housing Conditions, page 1 and footnote 3.

# TECHNICAL INFORMATION

## SURVEY METHODOLOGY

(For more detailed information, see the “Methodology of the Survey of Household Spending” soon to be available free on the Statistics Canada web site at [www.statcan.ca](http://www.statcan.ca))

### The Survey Universe

The 1999 Survey of Household Spending was carried out across Canada in the ten provinces and three territories. Those living on Indian reserves and crown lands and official representatives of foreign countries living in Canada and their families were excluded from the survey. Members of religious and other communal colonies, members of the Canadian Armed Forces living in Military Camps and people living in residences for senior citizens, were excluded, as were people living full time in institutions, for example, inmates of penal institutions and chronic care patients living in hospitals and nursing homes. The survey covers about 98% of the population in the ten provinces. In the Territories, coverage was restricted to 81% in the Yukon, 92% in the Northwest Territories, and 89% in Nunavut.

Information was not gathered from persons temporarily living away from their families (for example, students at university), because it would be gathered from their families if selected. In this way, double counting of such individuals was avoided.

Data from part-year households should be excluded from estimates of average household spending. However, these data must be included in estimates for dwelling characteristics and household equipment. Data from part-year households should also be included in estimates of aggregate household spending. Part-year households are comprised entirely of persons who were members of other households for part of the survey year. There were 574 part-year households in the sample in 1999.

### Survey Content and Reference Period

Detailed information was collected about expenditures for consumer goods and services, changes in assets, mortgages and other loans, and annual income. This information was collected for the calendar year 1999 (the survey reference year). Information was also collected about dwelling characteristics (e.g., type and age of heating equipment) and household equipment (e.g., appliances, communications equipment, and vehicles). This type of information was collected as of December 31<sup>st</sup> of the reference year.

Because the Survey of Household Spending is designed principally to provide detailed information on non-food expenditures, only an aggregate estimate of food expenditure is recorded. Detailed information on food expenditure is provided by the Food Expenditure Survey, which is conducted approximately every four years. It was last conducted in 1996 and the results were published in *Family Food Expenditure in Canada, 1996*, catalogue number 62-554-XPB.

### The Sample

The sample size for the 1999 Survey of Household Spending was 23,518 eligible households.

This sample was a stratified, multi-stage sample selected from the Labour Force Survey (LFS) sampling frame. Sample selection comprised two main steps: the selection of

clusters (small geographic areas) from the LFS frame and the selection of dwellings within these selected clusters. The LFS sampling frame currently uses 1996 Census geography (some preliminary boundaries were used so there may be slight variations from final 1996 geographic boundaries) and 1991 population counts.<sup>1</sup>

## Data Collection

The 1999 Survey of Household Spending was conducted from January to March 2000. Data were collected during a personal interview using a paper questionnaire. A copy of this questionnaire is available on request.

Only a few questions required coding and this was done by the interviewer, checked by the senior interviewer, and, in many cases, checked for consistency with the rest of the information on the questionnaire by the automated batch edit system.

## Data Processing and Quality Control

Data entry and automated editing for the 1999 Survey of Household Spending took place in the Statistics Canada regional offices. This allowed respondents to be contacted in the event that more information was required to resolve an inconsistency on their questionnaires.

After data entry, an automated physical edit system checked for data entry errors. Then, data had to pass a two-tier edit system consisting of “must-pass” edits that checked questionnaires for logic and consistency, and “warnings” that indicated that a particular situation was unusual and could require correction. The invocation of either type of edit resulted in the intervention of a member of one of the specially trained edit resolution teams. Further editing of the data set took place in head office where invalid responses were corrected.

Missing responses were imputed using the nearest neighbour method. Statistics Canada’s Generalized Edit and Imputation System (GEIS) was used to insert values from donor records having similar characteristics, chosen specifically to fit the variable. For example, total household income was used for most variables; dwelling type, household size and province were also frequently used.

Tabulation for the 1999 Survey of Household Spending was accomplished using a PC/client server-based system. This system provides tools (database querying, searching, and viewing capabilities) for spotting systematic errors.

## 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 for non-response for each of 17 selected metropolitan areas and 44 additional geographical areas and for 6 high income strata. The 44 additional geographical areas comprise the remaining metropolitan areas and urban and rural areas based on census definitions but do not necessarily correspond exactly. For definitions of these terms, see the 1996 Census Dictionary, catalogue number 92-351-XPE.

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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-XPB.

To increase the reliability of the estimates, weights were adjusted to ensure that estimates based on relevant characteristics of the population would respect population totals from sources other than the survey. For the ten provinces, there are two sets of totals. The first set of totals, for age/sex groups, household size and household type at the province level, are based on projections at January 1, 2000 using the 1996 Census of Population (adjusted for net undercoverage). This year, controls for 9 age/sex groups are used. These are combined with totals for one-person households, two-person households and more than two-person households. There are also totals for the number of single-parent families and couples with never-married children.

Because of their smaller population, only two age/sex groups were used for the three territories (Yukon, Northwest Territories and Nunavut): number of persons under 18, and number of persons 18 and over, combined with the totals for one-person households, two-person households and more than two-person households. For the 17 selected metropolitan areas, only two age groups are used, number of persons under 18, and number of persons over 18.

The second set of totals are derived from T4 information from Canada Customs and Revenue Agency (CCRA, formerly Revenue Canada) and is intended to ensure that the weighted distribution of income (based on wages and salaries) in the data set matches that of the Canadian population. This adjustment takes place in the 10 provinces but not in the territories.

**There are two important differences between the weighting methodology used for the 1999 survey and that used in previous surveys.** First, population and household counts used in the adjustment of survey weights are based on the 1996 Census and not, as in previous years, on the 1991 Census. Secondly, totals from the Canada Customs and Revenue Agency (CCRA) are now being used to adjust survey results to reflect the income distribution of the Canadian population. See "Comparability over Time" below for information about how these changes affect comparisons of 1999 data with data from previous survey years.

## **DATA QUALITY**

**(For more detailed information, see the “Data Quality of the Survey of Household Spending” soon to be available free on the Statistics Canada web site at [www.statcan.ca](http://www.statcan.ca))**

### **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 variability of the data, and the sample size determine the size of the sampling error. In addition, for a given sample design, different methods of estimation will result in different sampling errors.

The design for the 1999 Survey of Household Spending was a stratified multi-stage sampling scheme. The sampling errors for multi-stage sampling 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.

Data variability is the difference between members of the population with respect to spending on a specific item or the presence of a specific dwelling characteristic or piece of household equipment. In general, the greater these differences are, the larger the sampling error will be. In addition, the larger the sample size, the smaller the sampling error.

### **Standard Error and Coefficient of Variation**

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  $\pm 1$  standard error of the estimate for 68% of all samples, and  $\pm 2$  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 the number of households having a given dwelling characteristic is 10,000 households, and the corresponding CV is 5%, then the “true” value is between 9,500 and 10,500 households, 68% of the time and between 9,000 and 11,000 households, 95% of the time.

Standard errors for the 1999 Survey of Household Spending 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, Methodology of the Canadian Labour Force Survey, catalogue 71-526XPB.

Coefficients of variation are presented in Appendix E.

### **Data Suppression**

For reliability reasons, estimates with CVs greater than 33% should be suppressed. Since CVs are not calculated for all estimates, data suppression for the Survey of Household Spending has been based on a relationship between the CV and the number of households reporting expenditure on an item. Analysis of past survey results indicates that CVs usually reach this level when the number of households reporting an item drops

to about 30. Therefore, data should be suppressed for spending on items reported by fewer than 30 households.

However data for suppressed items do contribute to summary level variables. For example, the expenditure for a particular category of clothing might be suppressed but this amount forms part of the total expenditure estimate for clothing.

## **Non-Sampling Error**

Non-sampling errors occur because certain factors make it difficult to obtain accurate responses or responses that 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**

Coverage error results from inadequate representation of the intended population. This error may occur during sample design or selection, or during data collection and processing.

### **Response Error**

Response error may be due to many factors, including faulty design of the questionnaire, interviewers' or respondents' misinterpretation of questions, or respondents' faulty reporting. In the Survey of Household Spending, the difference between receipts and disbursements is calculated as a check on respondents' recall. This important quality control tool involves the balancing of receipts (income and other money received by the household) and disbursements (total expenditure plus the variable "money flows - assets, loans, and other debts") for each questionnaire. If the difference is greater than 10% of the larger of receipts or disbursements, respondents are contacted again for additional information. This ensures that expenditures, at least at the aggregate level, are commensurate with household income and other sources of funds.

The variable "Average difference between receipts and disbursements" indicates the average amount by which the survey has failed to collect a balanced questionnaire from every household. The table below presents this variable by province.

**Table 1**  
**Average Difference between Receipts and Disbursements by Province/Territory, 1999**

Province/Territory	Average Difference
<b>Canada</b>	<b>- 403</b>
Newfoundland	- 322
Prince Edward Island	- 215
Nova Scotia	76
New Brunswick	- 226
Quebec	- 369
Ontario	- 414
Manitoba	- 240
Saskatchewan	- 258
Alberta	- 431
British Columbia	- 658
Yukon	- 270
Northwest Territories	-1,225
Nunavut	- 244

Several features of the survey help respondents recall their expenditures as accurately as possible. First, the survey period is the calendar year because it is probably more clearly defined in people's minds than any other period of similar length. Secondly, expenditure on food (about 11% of the average budget in 1999) can be estimated as either weekly or monthly expenses depending on the respondent's purchasing habits. Thirdly, expenses on smaller items purchased at regular intervals are usually estimated on the basis of amount and frequency of purchase. Purchases of large items (automobiles, for example) are recalled fairly easily, as are expenditures on rent, property taxes, and monthly payments on mortgages. However, even with these items, the accuracy of data depends on the respondent's ability to remember and willingness to consult records.

### **Non-Response Error**

Non-response error occurs in sample surveys because not all potential respondents cooperate fully. The extent of non-response varies from partial non-response to total non-response.

Total non-response occurs when the interviewer was either unable to contact the respondent, no member of the household was able to provide information, or the respondent refused to participate in the survey. Total non-response is handled by adjusting basic survey weight for responding households to compensate for non-responding households. For the 1999 Survey of Household Spending, the overall response rate was 73.2%. See Table 2 for provincial-territorial response rates.

In most cases, partial non-response occurred when the respondent did not understand or misinterpreted a question, refused to answer a question, or could not recall the requested information. Imputing missing values compensates for this partial non-response.

The importance of the non-response error is unknown but in general 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.

**Table 2**  
**Response Rate, Canada, Provinces and Territories, 1999**

	Eligible households (1)	Non- contacts	Refusals	Non- usables (2)	Usables	Response rate (3)
Newfoundland	1,937	140	259	43	1,495	77.2%
Prince Edward Island	822	46	137	13	626	76.2%
Nova Scotia	2,199	152	402	110	1,535	69.8%
New Brunswick	1,957	107	347	85	1,418	72.5%
Quebec	2,710	135	508	30	2,037	75.2%
Ontario	3,453	296	780	156	2,221	64.3%
Manitoba	2,034	72	291	56	1,615	79.4%
Saskatchewan	1,837	80	254	57	1,446	78.7%
Alberta	2,519	113	464	58	1,884	74.8%
British Columbia	2,985	193	606	143	2,043	68.4%
Yukon	403	30	89	9	275	68.2%
Northwest Territories	414	8	20	6	380	91.8%
Nunavut	248	8	10	0	230	92.7%
<b>Canada</b>	<b>23,518</b>	<b>1,380</b>	<b>4,167</b>	<b>766</b>	<b>17,205</b>	<b>73.2%</b>

(1) Part-year households are included in the calculation of response rates. There were 574 part year households in 1999.

(2) Rejected at the editing stage.

(3) Usable/eligible\*100

### Processing Error

Processing errors may occur in any of the data processing stages, for example, during data entry, editing, weighting, and tabulation. See Data Processing and Quality Control (above) for a description of the steps taken to reduce processing error.

### The Effect of Large Values

For any sample, estimates can be affected by the presence or absence of extreme values from the population. These extreme values are more likely to arise from positively skewed populations. The nature of the subject matter of the SHS lends itself to such extreme values. Estimates of totals, averages and standard errors may be greatly influenced by the presence or absence of these extremes.

### Comparability Over Time

Conducted since 1997, the Survey of Household Spending integrates most of the content found in the Family Expenditure Survey and the Household Facilities and Equipment Survey. Many data from these two surveys are comparable to the Survey of Household Spending data. However, some differences related to the methodology, to data quality and to definitions must be considered before comparing these data.

For more information, refer to "Note to Former Users of Data from the Family Expenditure Survey" cat. no. 62F0026MIE00002 and "Note to Former Users of Data from the Household Facilities and Equipment Survey" cat. no. 62F0026MIE00003. Both documents are available free of charge on the Statistics Canada web site ([www.statcan.ca](http://www.statcan.ca)).

Historical data from the 1997 and 1998 Surveys of Household Spending, the 1992 and 1996 Family Expenditure Surveys (Famex) and the Household Facilities and Equipment Surveys (HFE) are in the process of being re-weighted using the new weighting methodology described above under "Weighting". **Historical comparisons with data from the 1999 Survey of Household Spending should generally be made with re-weighted data**, although the differences between survey estimates from the old and new methodologies appear to be minimal at a summary level. Certain populations or variables, however, may be more strongly affected.

Revised public-use microdata files for 1997 and 1998 that include these new weights are available. Revised files for the 1992 and 1996 Famex survey and for the historical HFE survey are planned. Contact Client Services at 1-888-287-7355 for more information.

# GUIDELINES FOR TABULATION, ANALYSIS AND DISSEMINATION

This section describes the guidelines that users should follow when totalling, analysing, publishing or releasing data taken from the public-use microdata file.

## IMPORTANT NOTE TO USERS ABOUT FULL AND PART-YEAR HOUSEHOLDS

In 1997, the Survey of Family Expenditure (FAMEX) and the Household Facilities and Equipment Survey (HFE) were replaced by the Survey of Household Spending (SHS). FAMEX microdata files only included full-year households,<sup>2</sup> as only such households could give a clear picture of income and expenditures over an entire year. HFE microdata, on the other hand, included all households, since data were collected as of December 31. To meet user needs, all households are listed on the SHS file, along with a variable indicating each household's status (full-year, part-year).

**To create statistics for average annual expenditures, users should use records for full-year households. To tabulate dwelling characteristics, household equipment or create other types of expenditure statistics such as totals (aggregates) or market share, users should use records for full-year and part-year households.**

### 3.1 Guidelines for Rounding

To ensure that estimates from this microdata file intended for publication or any other type of release correspond to estimates that would be obtained by Statistics Canada, we strongly recommend that users comply with the following guidelines for rounding estimates.

- a) Estimates in the body of a statistical table must be rounded to the nearest hundredth using the traditional rounding technique, i.e., if the first or only number to be eliminated is between 0 and 4, the preceding number does not change. If the first or only number to be eliminated is between 5 and 9, the value of the last number to be retained increases by 1. For example, when using the traditional technique of rounding to the nearest hundredth, if the last two numbers are between 00 and 49, they are replaced by 00 and the preceding number (denoting hundredths) stays as is. If the last two numbers are between 50 and 99, they are replaced with 00 and the preceding number increased by 1.
- b) Total partial marginals and total marginals in statistical tables must be calculated using their unrounded corresponding components, then rounded in turn to the closest hundredth using the traditional rounding technique.
- c) Means, ratios, rates and percentages must be calculated using unrounded components (i.e., numerators and/or denominators), and then rounded to a decimal using the traditional rounding technique.
- d) Totals and differences in aggregates (or ratios) must be calculated using their corresponding unrounded components, then rounded to the nearest hundredth (or

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<sup>2</sup> A *part-year household* consists entirely of members present only part of the year. A *full-year household* has at least one member present throughout the year. A member present for part of the year is a member of a household who has been present less than 52 weeks. Income and expenditure data for members present just part of the year are only collected for that part of the year they were included in the household.

decimal place) using the traditional rounding technique.

- e) If, due to technical or other limitations, a technique other than traditional rounding is used, with the result that the estimates to be published or released differ in any form from the corresponding estimates that would be obtained by Statistics Canada, we strongly advise users to indicate the reasons for the differences in the documents to be published or released.
- f) Unrounded estimates cannot under any circumstances be published or released in any way whatsoever by users. Unrounded estimates give the impression that they are much more precise than they actually are.

### **3.1.1 Guidelines for the weighting of the sample for totalling purposes**

The sample design used for the SHS is not self-weighted, meaning that the households in the sample do not all have the same sampling weight. To produce simple estimates, including standard statistical tables, users must use the appropriate sampling weight. Otherwise, the estimates calculated using the microdata files cannot be considered as representative of the observed population and will not correspond to those of Statistics Canada.

Users should also note that depending on the method they use to process the weight field, some software packages may not produce estimates that correspond exactly to those of Statistics Canada.

#### **3.1.1.1 Types of estimates: categorical versus quantitative**

Before discussing how SHS data can be totalled and analysed, it is useful to describe the two main types of estimations that may be produced from the microdata file for the Survey of Household Spending.

##### **Categorical estimates:**

Categorical estimates are estimates of the number or percentage of households in the survey's target population that have certain characteristics or belong to a defined category. The number of households reporting a particular expenditure is an example of this type of estimate. The expression 'aggregate estimate' can also be used to refer to an estimate of the number of individuals with a given characteristic.

Examples of categorical questions:

Did you have a cellular telephone for personal use?      \_yes      \_no

When was your residence built?

- 1920 or earlier
- 1921-1945
- 1946-1960
- 1961-1970
- 1971-1980
- 1981-1990
- 1991-1998
- 1999

As of December 31, 1999, was your residence:

- Owned mortgage-free by your household?
- Owned with one or more mortgages by your household?
- Rented by your household?
- Occupied rent-free by your household?

### **Quantitative estimates:**

Quantitative estimates are estimates of totals or means, medians or other central tendency measurements of quantities based on all members of the observed population or based on some of them. They also explicitly include estimates in the form  $X/Y$  where  $X$  is an estimate of the total quantity for the observed population and  $Y$  is an estimate of the number of individuals in the observed population who contribute to that total quantity.

An example of a quantitative estimate is mean annual expenditure for personal and health care per household in the target population. The numerator corresponds to an estimate of total annual expenditure for personal and health care, and the denominator corresponds to an estimate of the number of households in the population.

Example of quantitative question:

In 1999, how much did your household spend for telephone service? \_\_\_\_\_

#### **3.1.1.2 *Totalling of categorical estimates***

Estimates of the number of persons with a given characteristic can be obtained from the microdata file by adding the final weights of all records containing the desired characteristic or characteristics. Percentages and ratios in the  $X/Y$  form are obtained as follows:

- a) by adding the final weights of records containing the desired characteristic for the numerator  $X$ ;
- b) by adding the final weights of records containing the desired characteristic for the denominator  $Y$ ;
- c) by dividing the estimate for the numerator by the estimate for the denominator.

#### **3.1.1.3 *Totalling of quantitative estimates***

Quantitative estimates can be obtained from the microdata file by multiplying the value of the desired variable by the final weight of each record, and then adding this quantity for all records of interest. For example, to obtain an estimate of total expenditure by owners for electricity, the value reported for the question "In 1999, how much did your household spend on electricity?" is multiplied by the final weight of the record, and then that result is summed over all records with a positive response to the question "On December 31, 1997, was your house: 'Owned mortgage-free by your household' or 'Owned with one or more mortgages by your household'."

To obtain a weighted mean expressed by the formula  $X/Y$ , the numerator  $X$  is calculated as a quantitative estimate and the denominator  $Y$  as a categorical estimate. For example, to estimate mean expenditures for electricity by household, where the residence is owned, you must:

- a) estimate the total expenditure for electricity for households where the residence is owned, using the method described above;
- b) estimate the number of owned households by adding the final weights for all records with a positive response to the question "As at December 31, 1997, was your house: 'Owned mortgage-free by your household' or 'Owned with one or more mortgages by your household'"; and then,
- c) divide the estimate obtained in a) by the one calculated in b).

Note: Because average expenditures are being estimated, "part-year" households must first be excluded from calculations (for further details, see *Important Note to Users about Full and Part-Year Households*).

### **3.1.2 Guidelines for statistical analysis**

The Survey of Household Spending is based on a complex survey design that includes stratification and multiple stages of selection, as well as uneven respondent selection probabilities. The use of data from such complex surveys poses problems for analysts, because the survey design and the selection probabilities influence the estimation and variance calculation methods to be used.

Although numerous analytical methods in statistical software packages allow for the use of weights, the meaning or definition of weights differs from that suitable for a sample survey. As a result, although the estimates done using those packages are in many cases accurate, the variances calculated have almost no significance.

For numerous analytical techniques (for example, linear regression, logistic regression, variance analysis), there is a way to make the application of standard packages more significant. If the weights of the records contained in the file are converted so that the mean weight is (1), the results produced by standard packages will be more reasonable and will take into account uneven selection probabilities, although they still cannot take into account the stratification and the cluster distribution of the sample. The conversion can be done using in the analysis a weight equal to the original weight divided by the mean of original weights for sampling units (households) that contribute to the estimator in question. However, because this method still does not take into account sample design stratification and clusters, the estimates of the variance calculated in this way will very likely be underestimates of true values.

### **3.1.3 Guidelines for release**

Before releasing and/or publishing estimates taken from the microdata file, users must first determine the level of reliability of the estimates. The quality of the data is affected by the sampling error and the non-sampling error as described above. However, the level of reliability of estimates is determined solely on the basis of sampling error, as evaluated using the coefficient of variation (CV) as shown in the table below. In addition to calculating CVs, users should also read the section of this document regarding the characteristics of data quality.

Whatever CV is obtained for an estimate from this microdata file, users should determine the number of sampled respondents who contribute to the calculation of the estimate. If this number is less than 30, the weighted estimate should not be released regardless of the value

of the CV for this estimate. For weighted estimates based on sample sizes of 30 or more, users should determine the CV of the rounded estimate following the guidelines below.

**Table 3 Sampling Variability Guidelines**

Type of Estimate	CV (in %)	Guidelines
1. Acceptable	0.0 – 16.5	Estimates can be considered for general unrestricted release. Requires no special notation.
2. Marginal	16.6 – 33.3	Estimates can be considered for general unrestricted release but should be accompanied by a warning cautioning subsequent users of the high sampling variability associated with the estimates. Such estimates should be identified by the letter M (or in some other similar fashion).
3. Unacceptable	Greater than 33.3	<p>Statistics Canada does not recommend the release of estimates of unacceptable quality. However, if the user chooses to do so then estimates should be flagged with the letter U (or in some other similar fashion) and the following warning should accompany the estimates:</p> <p>“The user is advised that . . . (specify the data) . . . do not meet Statistics Canada’s quality standards for this statistical program. Conclusions based on these data will be unreliable and most likely invalid.”</p>

### 3.1.4 Computation of approximate sampling error

In order to provide a way of assessing the quality of estimates, Statistics Canada has produced a coefficient of variation table (CV table) which is applicable to estimates of averages, ratios and totals obtained from this public use microdata file for the major variables of the SHS by province and at the Canada level (See Appendix E). The CV of an estimate is defined to be the square root of the variance of the estimate divided by the estimate itself and expressed as a percentage. The numerator of the CV is a measure of the sampling error of the estimate, called the standard error, and is calculated at Statistics Canada with the Jackknife method. This method requires, among other things, information about the strata and the clusters, which can't be given on the public use microdata file for reasons of confidentiality. So that users may estimate CVs for variables not included in the CV tables, Statistics Canada has produced a set of rules to obtain approximate CVs for a wide variety of estimates. It should be noted that these rules provide approximate and, therefore, unofficial CVs. The quality of the approximation, however, is quite satisfactory, especially for the most reliable estimates.

### 3.1.4.1 How to obtain approximate CVs

The following rules should enable the user to determine the approximate coefficients of variation for estimates of totals, means or proportions, ratios and differences between such estimates for sub-populations (domains) for which the Jackknife CV is not provided in the CV tables.

**Important:** If the number of observations on which an estimate is based is less than 30, the weighted estimate should not be released regardless of the value of the CV for this estimate.

#### Rule 1: Approximating CVs for estimates of totals (aggregates)

All the steps below must be followed to obtain an approximate CV (ACV) for an estimate of a total (either a number of households possessing a certain characteristic (categorical estimate) or a total of some expense for all households (quantitative estimate)) for a sub-population (domain) of interest:

- 1) Create a binary variable for each household, say I, equalling 1 if the household is part of the domain of interest, i.e. possesses the desired characteristic and 0 otherwise;
- 2) To estimate a quantitative variable, create a variable Y representing the product of the binary variable I and the variable of interest. To estimate a categorical variable, create a variable Z equal to 1 if the categorical variable is equal to the value of interest, and equal to 0 otherwise. Define variable Y as the product of I and Z;
- 3) Do step (4) to step (9) for each province separately;
- 4) Calculate the sum over all the households of the product of the final weight (section 1.4.3), and Y; (this sum represents the estimate of the total for the domain of interest in the province under consideration)
- 5) Calculate the sum over all the households of the product of the final weight and the household size;
- 6) Divide the result obtained in step (4) by the result obtained in step (5);
- 7) For each household, multiply the result obtained in step (6) by the household size;
- 8) For each household, define a variable, say E, by the subtraction of the result obtained in step (7) from Y;
- 9) Calculate the sum over all the households of the product of the final weight minus 1, the final weight and E squared; (this sum represents the estimated variance of the total estimated at step 4);
- 10) Add up the result obtained in step (9) for each province;
- 11) The ACV is defined to be 100 times the square root of the result obtained in step (10), divided by the estimate. The estimate is the sum over all the provinces of the result obtained in step (4).

More formally, the step (10) above can be obtained with the following formula:

$$\sum_{p=1}^{12} \sum_{k \in S_p} (w_k - 1) w_k \left( Y_k - m_k \sum_{k \in S_p} w_k Y_k / \sum_{k \in S_p} w_k m_k \right)^2$$

where the index  $p$  corresponds to provinces,  $S_p$  is the sample of respondents for the province  $p$ , the index  $k$  corresponds to households,  $w_k$  is the final weight for the  $k^{\text{th}}$  household,  $m_k$  is the household size for the  $k^{\text{th}}$  household and  $Y_k$  is the value of the variable Y, defined in step (2) above, for the  $k^{\text{th}}$  household. As you can see, index  $p$ , the province indicator, takes values ranging from 1 to 12. Twelve distinct province codes appear on the microdata file: one for each of the 10 provinces, one for all of the territories, and a "00" province code assigned to a set of records for reasons of confidentiality (See *To Protect Confidentiality*, below in this section).

Note: Two household size variables appear in the microdata file. To calculate approximate CVs, the variable used to define household size is “Household size at December 31,” rather than “Household size (number of persons a member sometime in reference year).”

Important: When estimating variance for a given domain, do not limit yourself to units belonging to the domain. The entire sample should always be used to estimate variance. Units that do not belong to the domain of interest are not considered when computing the point estimate of the total, but do contribute when estimating the variance.

### **Rule 2: Approximating CV for estimates of ratios (averages, proportions, etc.)**

Ratio refers to the relationship between two estimates of totals. Calculations of approximate CVs for averages, proportions or any other types of ratio, may be approximated using the following formula:

$$ACV_R = \sqrt{ACV_N^2 + ACV_D^2}$$

where  $ACV_R$  is the approximate CV of the ratio,  $ACV_N$  is the approximate CV of the numerator of the ratio and  $ACV_D$  is the approximate CV of the denominator of the ratio. The formula will tend to overestimate the CV if the two estimates forming the ratio are positively correlated and underestimate the CV if these two estimates are negatively correlated.

### **Rule 3: Approximating CVs for estimates of differences**

The approximate CV of a difference between any two estimates ( $EST_{DIFF} = EST_1 - EST_2$ ) is given by:

$$ACV_{DIFF} = \frac{\sqrt{(EST_1 ACV_1)^2 + (EST_2 ACV_2)^2}}{|EST_{DIFF}|}$$

where  $ACV_1$  is the approximate CV associated with  $EST_1$  and  $ACV_2$  is the approximate CV associated with  $EST_2$ . The formula will tend to overestimate the CV if the two estimates forming the difference are positively correlated and underestimate the CV if these two estimates are negatively correlated.

#### **3.1.4.2 Examples**

Detailed calculations of approximate CVs used for estimating totals are initially presented using fictive cases. Then actual cases of estimating totals, averages (or proportions) ratios and differences, based on microdata file data, will be presented so users can check results and ensure that the method used was valid.

**Part 1: Fictive case: details of calculating an approximated CV for estimating a total**

**A) Quantitative variable**

Let us assume we wanted to estimate the total for a (quantitative) expenditure variable X, for households containing at least one person less than 17 years of age. To illustrate this procedure, we will use a fictional sample (see Table 4) on which we will present calculation details (see Table 5) for each of the eleven steps described above. As this procedure is applied independently within each province, we shall merely describe calculations for one province.

Let us use the following sample for Ontario:

**Table 4** Fictional example

Initial Data						
Identifier	Province	Entire year	Weight	Household size	Number of children aged 0-17	Variable of Interest X
00001	Ontario	Yes	5	3	2	30
00002	Ontario	Yes	20	5	3	0
00003	Ontario	Yes	25	2	1	20
00004	Ontario	No	5	4	2	50
00005	Ontario	Yes	15	3	0	20
00006	Ontario	Yes	10	1	0	10
00007	Ontario	Yes	15	4	0	15

In step 1, we define the domain of interest by creating a binary variable equal to 1 for all units belonging to the domain. In the present case, these are households with at least one child between the ages of 0 and 17 years. We then proceed to steps 2 through 9 to estimate variance, which will lead to calculation of the CV. We thus obtain the following results:

**Table 5** Calculation details for approximating the CV of a total (steps 1 to 9)

	(X * I)	(Weight * Y)	(Weight * size)				
1	30 * 1 = 30	5 * 30 = 150	5 * 3 = 15		3 * 3 = 9	30 - 9 = 21	(4 * 5 * 21 * 21) = 8,820
1	0 * 1 = 0	20 * 0 = 0	20 * 5 = 100		3 * 5 = 15	0 - 15 = -15	(19 * 20 * (-15) * (-15)) = 85,500
1	20 * 1 = 20	25 * 20 = 500	25 * 2 = 50		3 * 2 = 6	20 - 6 = 14	(24 * 25 * 14 * 14) = 117,600
1	50 * 1 = 50	5 * 50 = 250	5 * 4 = 20		3 * 4 = 12	50 - 12 = 38	(4 * 5 * 38 * 38) = 28,880
0	20 * 0 = 0	15 * 0 = 0	15 * 3 = 45		3 * 3 = 9	0 - 9 = -9	(14 * 15 * (-9) * (-9)) = 17,010
0	10 * 0 = 0	10 * 0 = 0	10 * 1 = 10		3 * 1 = 3	0 - 3 = -3	(9 * 10 * (-3) * (-3)) = 810
0	15 * 0 = 0	15 * 0 = 0	15 * 4 = 60		3 * 4 = 12	0 - 12 = -12	(14 * 15 * (-12) * (-12)) = 30,240
		<b>Total: 900</b>	<b>Total: 300</b>	900 / 300 = 3			<b>Total = 288,860</b>

If we wanted to know the CV for Ontario, we would perform the following calculation:

$$CV_{ONT} = 100 * \frac{\sqrt{Variance_{ONT}}}{Estimation_{ONT}} = 100 * \frac{\sqrt{Step\ 9_{ONT}}}{Step\ 4_{ONT}} = 100 * \frac{\sqrt{288860}}{900} = 59.7$$

If we wanted to know the CV for Canada, we would proceed in similar manner, by totalling the results for each province. In other words,

$$CV_{CAN} = 100 * \frac{\sqrt{Variance_{CAN}}}{Estimation_{CAN}}$$

$$= 100 * \frac{\sqrt{Variance_{NF} + \dots + Variance_{BC} + Variance_{TERR} + Variance_{PROV 00}}}{Estimation_{NF} + \dots + Estimation_{BC} + Estimation_{TERR} + Estimation_{PROV 00}}$$

Comment: In this example, we wanted to estimate the total for expenditure variable X. If, for example we had wanted to use this total to calculate average expenditure X per household, the approach would have been slightly different. As unit 00004 was a “part-year” household, it would not have been considered part of the domain of interest. Binary variable I would thus have taken the value of 0 and the final result would have been different (for further details, see *Important Note to Users About Full and Part-Year Households*).

## B) Qualitative variable (categorical)

In the event a categorical variable is estimated, the steps in calculating approximate CVs will be the same as in the quantitative variable example presented. Instead of a quantitative value for variable of interest X, we would create a dichotomous variable that would be equal to 1 if the household has the features we want to estimate. If not, it would be equal to 0.

To estimate categorical variables, various approaches may be used for defining the domain and the variable of interest, both of which will produce the same results.

Let us assume we want to estimate the number of households consisting of more than one person living in a single-family dwelling. We could proceed in different ways:

- 1) Binary variable I is equal to 1 for all households and variable X is equal to 1 for households consisting of more than one person living in a single-family dwelling.
- 2) Binary variable I is equal to 1 for all households consisting of at least one person and variable X is equal to 1 for all households the members of which live in a single-family dwelling.
- 3) Binary variable I is equal to 1 for all households the members of which live in a single-family dwelling and variable X is equal to 1 for all households made up of more than one person.
- 4) Binary variable I is equal to 1 for all households made up of more than one person living in a single-family dwelling and X is equal to 1 for all households.

**Whatever approach is used, the resulting Y variable (step 2) will be equal to 1 if the household possesses all the necessary features (more than one person and living in a single-family dwelling). If not, it will be equal to 0. Results in terms of point estimates and estimates of variance (CV) will thus be the same.**

**Part 2: Actual cases based on the microdata file**

**Example 1a: Approximation of CV for estimates of totals (quantitative variable)**

Let us assume that we have estimated that household furnishings and equipment expenditures for one-person households in Manitoba total \$82,637,125. We have to estimate the approximate CV for this estimate. Users must therefore follow steps (1) to (11) of rule 1.

- 1) Create a binary variable I whose value is 1 if the household was a one-person household and resides in Manitoba, otherwise I equals 0.
- 2) Y is defined for each household as the product of the binary variable I and the 'total household furnishing and equipment expenditures' variable.

Note that the estimate of spending on household furnishings and equipment is obtained by adding the product of variable Y defined in 2) and the final weight of the household.

Table 6 shows the results of some of the steps in the approximate CV calculation.

**Table 6 Calculation of ACV**

Step	Total spending on household furnishings and equipment for one-person households in Manitoba
4	82,637,125
5	1,063,441
6	77.7146
9	$7.3451 \times 10^{13}$
10	$7.3451 \times 10^{13}$
11	10.37

**Example 1b: Approximation of CV for estimates of totals (qualitative variable)**

Let us assume we now want to estimate the total number of Canadian one-person households, as well as the total number of Canadian households made up of one person living in different types of accommodations.

In this case, variable I is defined as having the value 1 if the household is one-person. If not, it is 0. We must create five Z variables: Z1 with a value of 1 if the type of residence occupied is a "single-family dwelling," and 0 if not; Z2 equals 1 if the type of residence is semi-detached, and 0 if it is not. Z3 equals 1 if the type of residence is a townhouse, and 0 if it is not. Z4 equals 1 if the type of residence is a row house, and 0 if it is not. Finally, Z5 equals 1 if the type of house is "other," and 0 if it is not. Y1 is defined as the product of I and Z1, Y2 as the product of I and Z2, etc.

The estimates obtained are 2,956,905 for the set of one-person households, 934,926 for single-family dwellings<sup>3</sup>, 103,841 for semi-detached houses<sup>4</sup>, 140,320 for town houses<sup>5</sup> and 1,777,818 for "other."<sup>6</sup> We want to calculate the approximate CVs for these estimates.

Table 7 shows the results for some steps in the calculation of the approximate CV. The results presented for steps 4 to 9 are the results for Manitoba, while those presented for steps 10 and 11 are Canada-wide.

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3 Single family = single detached  
 4 Semi-detached = double  
 5 Town houses = row or terrace  
 6 Other = duplex, apartment, hotel, mobile home, other

**Table 7 Calculation of ACV**

Step	Number of one-person households	Number of one-person households living in a single-family dwelling	Number of one-person households living in a semi-detached dwelling	Number of one-person households living in a townhouse	Number of one-person households living in other housing
4	115,771	47,797	3,146	3,207	61,621
5	1,063,341	1,063,341	1,063,341	1,063,341	1,063,341
6	0.108875	0.044950	0.002959	0.003016	0.057950
9	39,871,507	15,525,511	1,068,164	867,071	18,737,792
10	5,028,999,406	1,353,264,004	154,138,821	183,823,625	2,991,832,532
11	2.40	3.93	11.96	9.66	3.08

**Example 1c: Approximation of CV for estimates of totals used in the calculation of average expenditures**

Let us assume we want to estimate average expenditures on furnishings and household equipment for one-person households in Manitoba. To do so, we would have to estimate the number of one-person households in Manitoba, as well as the total of their expenditures on furnishings and household equipment.

Because we are interested here in calculating average expenditures, “part-year” households are outside the domain of interest. (For further details, see *Important Note to Users about Full and Part-Year Households*). This is why estimates of totals are slightly different than those obtained in the prior two examples.

**Table 8 Calculation of ACV**

Step	Number of one-person households in Manitoba	Total expenditures on furnishings and household equipment for households consisting of one person in Manitoba
4	108,966	78,584,065
5	1,063,341	1,063,341
6	0.102475	73.9030
9	37,581,119	7.2014x 10 <sup>13</sup>
10	37,581,119	7.2014x 10 <sup>13</sup>
11	5.63	10.80

**Example 2: Approximation of CV for estimating ratios**

Let us assume we wanted to estimate average expenditures on furnishings and household equipment for one-person households in Manitoba. Estimation of the average would be equal to \$78,584,065/108,966 = \$721.18. How does the user determine the CV of this estimate?

We have already calculated CVs for each of the two estimates involved in estimating the ratio. We would thus apply rule (2) to obtain the desired CV:

$$CVA_R = \sqrt{CVA_N^2 + CVA_D^2} = \sqrt{10.80^2 + 5.63^2} = 12.18$$

### Example 3: Approximation of CV for estimating differences

Let us assume we wanted to estimate the difference between total expenditures on furnishings and household equipment in Alberta and in Manitoba, as well as the CV for this difference.

We would estimate total expenditures on furnishings and household equipment, along with their respective CVs for Manitoba (total = 554,098,913; CV = 3.74) and for Alberta (total = 1,917,352,930; CV = 3.22).

Estimation of the difference would thus be 1,917,352,930 – 554,098,913 = 1,363,254,017. Rule (3) can be applied to obtain the desired CV.

$$\begin{aligned} CVA_{DIFF} &= \frac{\sqrt{(\text{EST}_1 CVA_1)^2 + (\text{EST}_2 CVA_2)^2}}{|\text{EST}_{DIFF}|} \\ &= \frac{\sqrt{(1,917,352,930 * 3.22)^2 + (554,098,913 * 3.74)^2}}{|1,363,254,017|} = 4.78 \end{aligned}$$

#### 3.1.5 How to obtain confidence limits

Although coefficients of variation are widely used, a more intuitively meaningful measure of sampling error is the confidence interval of an estimate. A confidence interval constitutes a statement on the level of confidence that the true value for the population lies within a specified range of values. For example a 95% confidence interval can be described as follows.

If sampling of a population is repeated many times, each sample leading to a new confidence interval for an estimate, then in 95% of the samples the interval will cover the true population value.

Using the CV of an estimate, its confidence intervals may be obtained assuming that, under repeated sampling of the population, the various estimates obtained for a characteristic are normally distributed around the true population value. Using this assumption, the chances are about 68 out of 100 that the difference between a sample estimate and the true population value would be less than one standard error, about 95 out of 100 that the difference would be less than two standard errors, and about 99 out of 100 that the differences would be less than three standard errors. These different degrees of confidence are referred to as the confidence levels.

Confidence intervals for an estimate, EST, are generally expressed as two numbers, one below the estimate and one above the estimate, as (EST - k, EST + k) where k is determined depending on the level of confidence desired and the sampling error of the estimate.

Confidence intervals for an estimate can be calculated by first determining the ACV of the estimate and then using the following formula to convert to a confidence interval CI:

$$(EST - z \times EST \times ACV / 100, EST + z \times EST \times ACV / 100)$$

where

- z = 1 if a 68% confidence interval is desired,
- z = 1.6 if a 90% confidence interval is desired,
- z = 2 if a 95% confidence interval is desired,
- z = 3 if a 99% confidence interval is desired.

**Note:** Release guidelines, which apply to the estimate, also apply to the confidence interval. For example, if the estimate is not releasable, then the confidence interval is not releasable either.

### Example

A 95% confidence interval for the estimated mean of spending on household furnishings and equipment for one-person households in Manitoba would be calculated as follows:

$$EST = 721.18$$

$$z = 2$$

$$ACV = 12.18$$

$$CI = (721.18 - 2 \times 721.18 \times 12.18/100 ; 721.18 + 2 \times 721.18 \times 12.18/100) = (545.50; 896.86)$$

### 3.1.6 How to do a Z-test

Coefficients of variation may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The sample estimates can be totals, averages, ratios, etc. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical.

Let  $EST_1$  and  $EST_2$  be sample estimates for 2 characteristics of interest. Let the approximate CV of the difference  $EST_1 - EST_2$  be  $ACV_{DIFF}$ .

If  $z = 1 / ACV_{DIFF}$  is less than 2, then no conclusion about the difference between the characteristics is justified at the 5% level of significance. If however, this ratio is larger than 2, the observed difference is significant at the 5% level.

### Example

Let us suppose we wish to test, at the 5% level of significance, the hypothesis that there is no difference between the total of spending on furnishings and equipment in Alberta and the same total in Manitoba. From example 3, section 3.1.4.2, the approximate CV of the difference between these two estimates was found to be 4.78 and  $z = 20.9$ . Since this value is greater than 2, it must be concluded that there is significant difference between the two estimates at the 0.05 level of significance.

## CONFIDENTIALITY OF THE PUBLIC-USE MICRODATA

Microdata files for public use differ in many ways from the master file of the survey held by Statistics Canada. These variations are due to measures taken to preserve the anonymity of respondents to the survey.

The confidentiality of this file is ensured mainly by reducing information, i.e., deleting variables or suppressing or collapsing some of their detail.

### To protect confidentiality

- All explicitly identifying information, such as identification numbers, was removed from the file. (Names and addresses are not data captured).
- 154 records had their *province codes set to 0* due to exceedingly high or low expenditure values or due to high income values. These records were reweighted.
- The three territories are grouped under the same provincial code.
- There was *top-coding and collapsing* of code sets for non-spending variables.
- Income values at the household, reference person and spouse of reference person levels were *rounded* in the following manner:

For income values between \$1 and \$9,999: round to the nearest \$100

For income values between \$10,000 and \$99,999: round to the nearest \$1,000

For income values between \$100,000 and \$999,999: round to the nearest \$10,000

For income values between \$1,000,000 and \$9,999,999: round to the nearest \$100,000

For income values between \$10,000,000 and \$99,999,999: round to the nearest \$1,000,000

The variables "Purchase price of dwelling" and "Selling price of dwelling" were also rounded.

# APPENDICES

## APPENDIX A

### Frequency Counts B Public-Use Microdata File B SHS 1999

		Full-year and Part-year Households				Full-year Households ONLY			
		Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent
<b>FYPYFLAG</b>									
Full Year	1	16,631	96.66	16,631	96.66	16,631	100.00	16,631	100.00
Part Year	2	574	3.34	17,205	100.00				
<b>PROVINCP</b>									
Masked records	00	154	0.90	154	0.90	154	0.93	154	0.93
Newfoundland	10	1,477	8.58	1,631	9.48	1,429	8.59	1,583	9.52
Prince Edward Island	11	600	3.49	2,231	12.97	588	3.54	2,171	13.05
Nova Scotia	12	1,526	8.87	3,757	21.84	1,483	8.92	3,654	21.97
New Brunswick	13	1,417	8.24	5,174	30.07	1,378	8.29	5,032	30.26
Quebec	24	2,030	11.80	7,204	41.87	1,954	11.75	6,986	42.01
Ontario	35	2,214	12.87	9,418	54.74	2,146	12.90	9,132	54.91
Manitoba	46	1,609	9.35	11,027	64.09	1,538	9.25	10,670	64.16
Saskatchewan	47	1,441	8.38	12,468	72.47	1,388	8.35	12,058	72.50
Alberta	48	1,873	10.89	14,341	83.35	1,809	10.88	13,867	83.38
British Columbia	59	2,032	11.81	16,373	95.16	1,963	11.80	15,830	95.18
Yukon/NWT/Nunavut	60	832	4.84	17,205	100.00	801	4.82	16,631	100.00
<b>URBRUR</b>									
Masked records	0	600	3.49	600	3.49	588	3.54	588	3.54
Urban	1	12,739	74.04	13,339	77.53	12,255	73.69	12,843	77.22
Rural	2	3,866	22.47	17,205	100.00	3,788	22.78	16,631	100.00
<b>URBSIZEP</b>									
Masked records	0	2,791	16.22	2,791	16.22	2,675	16.08	2,675	16.08
30,000 and over	1	8,173	47.50	10,964	63.73	7,878	47.37	10,553	63.45
Under 30,000	2	2,375	13.80	13,339	77.53	2,290	13.77	12,843	77.22
Rural	3	3,866	22.47	17,205	100.00	3,788	22.78	16,631	100.00
<b>TYPDWELP</b>									
Single detached	1	10,730	62.37	10,730	62.37	10,590	63.68	10,590	63.68
Double	2	627	3.64	11,357	66.01	604	3.63	11,194	67.31
Row or terrace	3	889	5.17	12,246	71.18	861	5.18	12,055	72.49
Duplex	4	739	4.30	12,985	75.47	696	4.18	12,751	76.67
Apartment	5	3,637	21.14	16,622	96.61	3,317	19.94	16,068	96.61
Hotel, mobile home and other	6	583	3.39	17,205	100.00	563	3.39	16,631	100.00
<b>YEARBUIP</b>									
1920 or before	1	1,282	7.45	1,282	7.45	1,235	7.43	1,235	7.43
1921-1945	2	1,261	7.33	2,543	14.78	1,208	7.26	2,443	14.69
1946-1960	3	2,638	15.33	5,181	30.11	2,549	15.33	4,992	30.02
1961-1970	4	2,900	16.86	8,081	46.97	2,765	16.63	7,757	46.64
1971-1980	5	4,288	24.92	12,369	71.89	4,162	25.03	11,919	71.67

		Full-year and Part-year Households				Full-year Households ONLY			
		Fre- quency	Percent	Cumulative Frequency	Cumulative Percent	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent
1981-1990	6	2,898	16.84	15,267	88.74	2,826	16.99	14,745	88.66
1991 to reference year	7	1,938	11.26	17,205	100.00	1,886	11.34	16,631	100.00
<b>NUMRMP</b>									
1	01	139	0.81	139	0.81	112	0.67	112	0.67
2	02	328	1.91	467	2.71	288	1.73	400	2.41
3	03	1,310	7.61	1,777	10.33	1,190	7.16	1,590	9.56
4	04	2,475	14.39	4,252	24.71	2,314	13.91	3,904	23.47
5	05	3,277	19.05	7,529	43.76	3,175	19.09	7,079	42.57
6	06	2,982	17.33	10,511	61.09	2,924	17.58	10,003	60.15
7	07	2,538	14.75	13,049	75.84	2,503	15.05	12,506	75.20
8	08	1,828	10.62	14,877	86.47	1,812	10.90	14,318	86.09
9	09	1,178	6.85	16,055	93.32	1,169	7.03	15,487	93.12
10	10	617	3.59	16,672	96.90	614	3.69	16,101	96.81
11 or more	11	533	3.10	17,205	100.00	530	3.19	16,631	100.00
<b>NUMBEDRP</b>									
0	0	244	1.42	244	1.42	203	1.22	203	1.22
1	1	1,920	11.16	2,164	12.58	1,736	10.44	1,939	11.66
2	2	4,205	24.44	6,369	37.02	4,005	24.08	5,944	35.74
3	3	6,764	39.31	13,133	76.33	6,657	40.03	12,601	75.77
4	4	3,128	18.18	16,261	94.51	3,096	18.62	15,697	94.38
5 or more	5	944	5.49	17,205	100.00	934	5.62	16,631	100.00
<b>NUMBTHRP</b>									
0	0	43	0.25	43	0.25	40	0.24	40	0.24
1	1	11,559	67.18	11,602	67.43	11,038	66.37	11,078	66.61
2	2	4,707	27.36	16,309	94.79	4,663	28.04	15,741	94.65
3 or more	3	896	5.21	17,205	100.00	890	5.35	16,631	100.00
<b>TENURYRP</b>									
Owned without mortgage	1	5,689	33.07	5,689	33.07	5,668	34.08	5,668	34.08
Owned with mortgage	2	5,393	31.35	11,082	64.41	5,330	32.05	10,998	66.13
Tenants	3	5,632	32.73	16,714	97.15	5,155	31.00	16,153	97.13
Mixed tenure	4	491	2.85	17,205	100.00	478	2.87	16,631	100.00
<b>TENDC31P</b>									
Owned without mortgage on December 31	1	5,737	33.34	5,737	33.34	5,713	34.35	5,713	34.35
Owned with mortgage on December 31	2	5,703	33.15	11,440	66.49	5,637	33.89	11,350	68.25
Rent or occupied rent free on December 31	3	5,765	33.51	17,205	100.00	5,281	31.75	16,631	100.00
<b>REPAIRS</b>									
Yes, major repairs	1	1,596	9.28	1,596	9.28	1,554	9.34	1,554	9.34
Yes, minor repairs	2	2,811	16.34	4,407	25.61	2,711	16.30	4,265	25.64
No	3	12,798	74.39	17,205	100.00	12,366	74.36	16,631	100.00

		Full-year and Part-year Households				Full-year Households ONLY			
		Fre- quency	Percent	Cumulative Frequency	Cumulative Percent	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent
<b>YRMOVEDP</b>									
1969 and before	1	1,600	9.30	1,600	9.30	1,600	9.62	1,600	9.62
1970 - 1979	2	1,795	10.43	3,395	19.73	1,795	10.79	3,395	20.41
1980 - 1989	3	3,085	17.93	6,480	37.66	3,085	18.55	6,480	38.96
1990 - 1998	4	8,149	47.36	14,629	85.03	8,149	49.00	14,629	87.96
1999	5	2,576	14.97	17,205	100.00	2,002	12.04	16,631	100.00
<b>BUYHMFLG</b>									
No	0	16,508	95.95	16,508	95.95	16,000	96.21	16,000	96.21
Yes	1	697	4.05	17,205	100.00	631	3.79	16,631	100.00
<b>HEATMAIP</b>									
Steam or hot water furnace	1	2,700	15.69	2,700	15.69	2,555	15.36	2,555	15.36
Forced hot air and other	2	9,228	53.64	11,928	69.33	9,003	54.13	11,558	69.50
Heating stove, cookstove and other	3	874	5.08	12,802	74.41	861	5.18	12,419	74.67
Electric heating	4	4,403	25.59	17,205	100.00	4,212	25.33	16,631	100.00
<b>HEATAGE</b>									
5 years or less	1	3,207	18.64	3,207	18.64	3,137	18.86	3,137	18.86
6 to 10 years	2	2,869	16.68	6,076	35.32	2,804	16.86	5,941	35.72
11 to 15 years	3	2,558	14.87	8,634	50.18	2,496	15.01	8,437	50.73
16 to 20 years	4	2,639	15.34	11,273	65.52	2,557	15.37	10,994	66.11
Over 20 years	5	5,932	34.48	17,205	100.00	5,637	33.89	16,631	100.00
<b>HEATFUEP</b>									
Oil or other liquid fuel	1	3,904	22.69	3,904	22.69	3,796	22.82	3,796	22.82
Piped gas (natural gas)	2	6,691	38.89	10,595	61.58	6,474	38.93	10,270	61.75
Electricity	3	5,106	29.68	15,701	91.26	4,887	29.38	15,157	91.14
Bottled gas, wood or other	4	1,504	8.74	17,205	100.00	1,474	8.86	16,631	100.00
<b>HOTWATEP</b>									
Oil or other liquid fuel	1	1,887	10.97	1,887	10.97	1,832	11.02	1,832	11.02
Piped gas (natural gas)	2	6,332	36.80	8,219	47.77	6,124	36.82	7,956	47.84
Bottled gas, wood, no running hot water or other	3	324	1.88	8,543	49.65	317	1.91	8,273	49.74
Electricity	4	8,662	50.35	17,205	100.00	8,358	50.26	16,631	100.00
<b>COOKINGP</b>									
Piped gas (natural gas)	1	592	3.44	592	3.44	573	3.45	573	3.45
Electricity	2	16,300	94.74	16,892	98.18	15,751	94.71	16,324	98.15
Oil or other liquid fuel, bottled gas, wood or other	3	313	1.82	17,205	100.00	307	1.85	16,631	100.00
<b>REDURENT</b>									
Not renting	0	10,950	63.64	10,950	63.64	10,866	65.34	10,866	65.34
Government subsidized	1	1,008	5.86	11,958	69.50	974	5.86	11,840	71.19
Other reasons	2	463	2.69	12,421	72.19	420	2.53	12,260	73.72
No reduced rent	3	4,784	27.81	17,205	100.00	4,371	26.28	16,631	100.00

		Full-year and Part-year Households				Full-year Households ONLY			
		Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent
<b>RPMARP</b>									
Married or common-law	1	10,588	61.54	10,588	61.54	10,442	62.79	10,442	62.79
Never married	2	2,556	14.86	13,144	76.40	2,253	13.55	12,695	76.33
Other (separated....)	3	4,061	23.60	17,205	100.00	3,936	23.67	16,631	100.00
<b>RPAGEP</b>									
Less than 25 years	24	857	4.98	857	4.98	648	3.90	648	3.90
	25	212	1.23	1,069	6.21	179	1.08	827	4.97
	26	232	1.35	1,301	7.56	216	1.30	1,043	6.27
	27	282	1.64	1,583	9.20	258	1.55	1,301	7.82
	28	306	1.78	1,889	10.98	282	1.70	1,583	9.52
	29	337	1.96	2,226	12.94	318	1.91	1,901	11.43
	30	298	1.73	2,524	14.67	281	1.69	2,182	13.12
	31	327	1.90	2,851	16.57	310	1.86	2,492	14.98
	32	333	1.94	3,184	18.51	316	1.90	2,808	16.88
	33	356	2.07	3,540	20.58	340	2.04	3,148	18.93
	34	392	2.28	3,932	22.85	375	2.25	3,523	21.18
	35	421	2.45	4,353	25.30	403	2.42	3,926	23.61
	36	416	2.42	4,769	27.72	401	2.41	4,327	26.02
	37	440	2.56	5,209	30.28	431	2.59	4,758	28.61
	38	427	2.48	5,636	32.76	411	2.47	5,169	31.08
	39	433	2.52	6,069	35.27	423	2.54	5,592	33.62
	40	412	2.39	6,481	37.67	403	2.42	5,995	36.05
	41	430	2.50	6,911	40.17	422	2.54	6,417	38.58
	42	414	2.41	7,325	42.57	405	2.44	6,822	41.02
	43	404	2.35	7,729	44.92	398	2.39	7,220	43.41
	44	413	2.40	8,142	47.32	407	2.45	7,627	45.86
	45	399	2.32	8,541	49.64	391	2.35	8,018	48.21
	46	370	2.15	8,911	51.79	368	2.21	8,386	50.42
	47	375	2.18	9,286	53.97	370	2.22	8,756	52.65
	48	336	1.95	9,622	55.93	333	2.00	9,089	54.65
	49	344	2.00	9,966	57.93	338	2.03	9,427	56.68
	50	323	1.88	10,289	59.80	320	1.92	9,747	58.61
	51	353	2.05	10,642	61.85	351	2.11	10,098	60.72
	52	330	1.92	10,972	63.77	327	1.97	10,425	62.68
	53	319	1.85	11,291	65.63	317	1.91	10,742	64.59
	54	274	1.59	11,565	67.22	274	1.65	11,016	66.24
	55	258	1.50	11,823	68.72	258	1.55	11,274	67.79
	56	265	1.54	12,088	70.26	263	1.58	11,537	69.37
	57	259	1.51	12,347	71.76	258	1.55	11,795	70.92
	58	219	1.27	12,566	73.04	219	1.32	12,014	72.24
	59	217	1.26	12,783	74.30	215	1.29	12,229	73.53
	60	237	1.38	13,020	75.68	236	1.42	12,465	74.95
	61	214	1.24	13,234	76.92	214	1.29	12,679	76.24
	62	171	0.99	13,405	77.91	169	1.02	12,848	77.25

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	
	63	190	1.10	13,595	79.02	189	1.14	13,037	78.39
	64	204	1.19	13,799	80.20	204	1.23	13,241	79.62
	65	185	1.08	13,984	81.28	183	1.10	13,424	80.72
	66	179	1.04	14,163	82.32	177	1.06	13,601	81.78
	67	206	1.20	14,369	83.52	206	1.24	13,807	83.02
	68	185	1.08	14,554	84.59	184	1.11	13,991	84.13
	69	201	1.17	14,755	85.76	200	1.20	14,191	85.33
	70	181	1.05	14,936	86.81	181	1.09	14,372	86.42
	71	189	1.10	15,125	87.91	188	1.13	14,560	87.55
	72	181	1.05	15,306	88.96	181	1.09	14,741	88.64
	73	161	0.94	15,467	89.90	161	0.97	14,902	89.60
	74	178	1.03	15,645	90.93	178	1.07	15,080	90.67
	75	157	0.91	15,802	91.85	156	0.94	15,236	91.61
	76	148	0.86	15,950	92.71	148	0.89	15,384	92.50
	77	146	0.85	16,096	93.55	143	0.86	15,527	93.36
	78	160	0.93	16,256	94.48	158	0.95	15,685	94.31
	79	137	0.80	16,393	95.28	137	0.82	15,822	95.14
80 - 84 years	80	522	3.03	16,915	98.31	521	3.13	16,343	98.27
85 years and over	85	290	1.69	17,205	100.00	288	1.73	16,631	100.00
<b>RPAGEGRP</b>									
Less than 25 years	01	857	4.98	857	4.98	648	3.90	648	3.90
25 - 29	02	1,369	7.96	2,226	12.94	1,253	7.53	1,901	11.43
30 - 34	03	1,706	9.92	3,932	22.85	1,622	9.75	3,523	21.18
35 - 39	04	2,137	12.42	6,069	35.27	2,069	12.44	5,592	33.62
40 - 44	05	2,073	12.05	8,142	47.32	2,035	12.24	7,627	45.86
45 - 49	06	1,824	10.60	9,966	57.93	1,800	10.82	9,427	56.68
50 - 54	07	1,599	9.29	11,565	67.22	1,589	9.55	11,016	66.24
55 - 59	08	1,218	7.08	12,783	74.30	1,213	7.29	12,229	73.53
60 - 64	09	1,016	5.91	13,799	80.20	1,012	6.09	13,241	79.62
65 - 69	10	956	5.56	14,755	85.76	950	5.71	14,191	85.33
70 - 74	11	890	5.17	15,645	90.93	889	5.35	15,080	90.67
75 - 79	12	748	4.35	16,393	95.28	742	4.46	15,822	95.14
80 - 84 years	13	522	3.03	16,915	98.31	521	3.13	16,343	98.27
85 years and over	14	290	1.69	17,205	100.00	288	1.73	16,631	100.00
<b>RPSEX</b>									
Male	1	8,871	51.56	8,871	51.56	8,565	51.50	8,565	51.50
Female	2	8,334	48.44	17,205	100.00	8,066	48.50	16,631	100.00
<b>RPWEEKFT</b>									
	00	7,271	42.26	7,271	42.26	7,049	42.38	7,049	42.38
	01	21	0.12	7,292	42.38	18	0.11	7,067	42.49
	02	31	0.18	7,323	42.56	26	0.16	7,093	42.65
	03	22	0.13	7,345	42.69	19	0.11	7,112	42.76
	04	60	0.35	7,405	43.04	44	0.26	7,156	43.03
	05	21	0.12	7,426	43.16	19	0.11	7,175	43.14

	Full-year and Part-year Households				Full-year Households ONLY				
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	
	06	48	0.28	7,474	43.44	34	0.20	7,209	43.35
	07	15	0.09	7,489	43.53	12	0.07	7,221	43.42
	08	89	0.52	7,578	44.05	67	0.40	7,288	43.82
	09	26	0.15	7,604	44.20	23	0.14	7,311	43.96
	10	114	0.66	7,718	44.86	103	0.62	7,414	44.58
	11	14	0.08	7,732	44.94	13	0.08	7,427	44.66
	12	130	0.76	7,862	45.70	100	0.60	7,527	45.26
	13	35	0.20	7,897	45.90	28	0.17	7,555	45.43
	14	60	0.35	7,957	46.25	55	0.33	7,610	45.76
	15	46	0.27	8,003	46.52	40	0.24	7,650	46.00
	16	150	0.87	8,153	47.39	114	0.69	7,764	46.68
	17	47	0.27	8,200	47.66	32	0.19	7,796	46.88
	18	52	0.30	8,252	47.96	39	0.23	7,835	47.11
	19	15	0.09	8,267	48.05	15	0.09	7,850	47.20
	20	129	0.75	8,396	48.80	110	0.66	7,960	47.86
	21	30	0.17	8,426	48.97	27	0.16	7,987	48.02
	22	54	0.31	8,480	49.29	44	0.26	8,031	48.29
	23	24	0.14	8,504	49.43	24	0.14	8,055	48.43
	24	108	0.63	8,612	50.06	98	0.59	8,153	49.02
	25	40	0.23	8,652	50.29	36	0.22	8,189	49.24
	26	262	1.52	8,914	51.81	228	1.37	8,417	50.61
	27	28	0.16	8,942	51.97	26	0.16	8,443	50.77
	28	106	0.62	9,048	52.59	99	0.60	8,542	51.36
	29	19	0.11	9,067	52.70	17	0.10	8,559	51.46
	30	108	0.63	9,175	53.33	95	0.57	8,654	52.04
	31	12	0.07	9,187	53.40	11	0.07	8,665	52.10
	32	185	1.08	9,372	54.47	176	1.06	8,841	53.16
	33	17	0.10	9,389	54.57	14	0.08	8,855	53.24
	34	43	0.25	9,432	54.82	40	0.24	8,895	53.48
	35	43	0.25	9,475	55.07	41	0.25	8,936	53.73
	36	106	0.62	9,581	55.69	102	0.61	9,038	54.34
	37	22	0.13	9,603	55.82	21	0.13	9,059	54.47
	38	36	0.21	9,639	56.02	34	0.20	9,093	54.68
	39	35	0.20	9,674	56.23	23	0.14	9,116	54.81
	40	182	1.06	9,856	57.29	178	1.07	9,294	55.88
	41	13	0.08	9,869	57.36	12	0.07	9,306	55.96
	42	64	0.37	9,933	57.73	64	0.38	9,370	56.34
	43	18	0.10	9,951	57.84	17	0.10	9,387	56.44
	44	97	0.56	10,048	58.40	94	0.57	9,481	57.01
	45	44	0.26	10,092	58.66	44	0.26	9,525	57.27
	46	70	0.41	10,162	59.06	69	0.41	9,594	57.69
	47	26	0.15	10,188	59.22	26	0.16	9,620	57.84
	48	145	0.84	10,333	60.06	139	0.84	9,759	58.68
	49	45	0.26	10,378	60.32	45	0.27	9,804	58.95

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	
	50	100	0.58	10,478	60.90	100	0.60	9,904	59.55
	51	39	0.23	10,517	61.13	39	0.23	9,943	59.79
	52	6,688	38.87	17,205	100.00	6,688	40.21	16,631	100.00
<b>RPWEEKPT</b>									
	00	14,682	85.34	14,682	85.34	14,223	85.52	14,223	85.52
	01	42	0.24	14,724	85.58	39	0.23	14,262	85.76
	02	61	0.35	14,785	85.93	59	0.35	14,321	86.11
	03	42	0.24	14,827	86.18	37	0.22	14,358	86.33
	04	90	0.52	14,917	86.70	80	0.48	14,438	86.81
	05	31	0.18	14,948	86.88	29	0.17	14,467	86.99
	06	52	0.30	15,000	87.18	48	0.29	14,515	87.28
	07	19	0.11	15,019	87.29	18	0.11	14,533	87.39
	08	101	0.59	15,120	87.88	88	0.53	14,621	87.91
	09	10	0.06	15,130	87.94	9	0.05	14,630	87.97
	10	89	0.52	15,219	88.46	86	0.52	14,716	88.49
	11	9	0.05	15,228	88.51	8	0.05	14,724	88.53
	12	126	0.73	15,354	89.24	112	0.67	14,836	89.21
	13	25	0.15	15,379	89.39	22	0.13	14,858	89.34
	14	24	0.14	15,403	89.53	23	0.14	14,881	89.48
	15	20	0.12	15,423	89.64	19	0.11	14,900	89.59
	16	93	0.54	15,516	90.18	84	0.51	14,984	90.10
	17	24	0.14	15,540	90.32	20	0.12	15,004	90.22
	18	27	0.16	15,567	90.48	24	0.14	15,028	90.36
	19	3	0.02	15,570	90.50	3	0.02	15,031	90.38
	20	118	0.69	15,688	91.18	112	0.67	15,143	91.05
	21	9	0.05	15,697	91.24	8	0.05	15,151	91.10
	22	33	0.19	15,730	91.43	31	0.19	15,182	91.29
	23	10	0.06	15,740	91.49	10	0.06	15,192	91.35
	24	37	0.22	15,777	91.70	36	0.22	15,228	91.56
	25	19	0.11	15,796	91.81	19	0.11	15,247	91.68
	26	149	0.87	15,945	92.68	144	0.87	15,391	92.54
	27	5	0.03	15,950	92.71	5	0.03	15,396	92.57
	28	25	0.15	15,975	92.85	17	0.10	15,413	92.68
	29	4	0.02	15,979	92.87	4	0.02	15,417	92.70
	30	47	0.27	16,026	93.15	46	0.28	15,463	92.98
	31	3	0.02	16,029	93.16	3	0.02	15,466	93.00
	32	50	0.29	16,079	93.46	46	0.28	15,512	93.27
	33	4	0.02	16,083	93.48	3	0.02	15,515	93.29
	34	11	0.06	16,094	93.54	10	0.06	15,525	93.35
	35	10	0.06	16,104	93.60	10	0.06	15,535	93.41
	36	47	0.27	16,151	93.87	44	0.26	15,579	93.67
	37	3	0.02	16,154	93.89	3	0.02	15,582	93.69
	38	10	0.06	16,164	93.95	10	0.06	15,592	93.75
	39	6	0.03	16,170	93.98	6	0.04	15,598	93.79

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	
	40	90	0.52	16,260	94.51	90	0.54	15,688	94.33
	41	7	0.04	16,267	94.55	7	0.04	15,695	94.37
	42	9	0.05	16,276	94.60	9	0.05	15,704	94.43
	43	7	0.04	16,283	94.64	7	0.04	15,711	94.47
	44	19	0.11	16,302	94.75	19	0.11	15,730	94.58
	45	13	0.08	16,315	94.83	13	0.08	15,743	94.66
	46	14	0.08	16,329	94.91	14	0.08	15,757	94.74
	47	5	0.03	16,334	94.94	5	0.03	15,762	94.77
	48	31	0.18	16,365	95.12	29	0.17	15,791	94.95
	49	5	0.03	16,370	95.15	5	0.03	15,796	94.98
	50	30	0.17	16,400	95.32	30	0.18	15,826	95.16
	51	4	0.02	16,404	95.34	4	0.02	15,830	95.18
	52	801	4.66	17,205	100.00	801	4.82	16,631	100.00
<b>RPPREVDW</b>									
Before 1994	1	8,849	51.43	8,849	51.43	8,849	53.21	8,849	53.21
Owned	2	2,431	14.13	11,280	65.56	2,381	14.32	11,230	67.52
Rented	3	5,112	29.71	16,392	95.27	4,922	29.60	16,152	97.12
Did not maintain own dwelling	4	813	4.73	17,205	100.00	479	2.88	16,631	100.00
<b>SPAGEP</b>									
Less than 25 years	24	393	2.28	393	2.28	337	2.03	337	2.03
	25	126	0.73	519	3.02	119	0.72	456	2.74
	26	142	0.83	661	3.84	138	0.83	594	3.57
	27	192	1.12	853	4.96	185	1.11	779	4.68
	28	167	0.97	1,020	5.93	159	0.96	938	5.64
	29	189	1.10	1,209	7.03	182	1.09	1,120	6.73
	30	197	1.15	1,406	8.17	191	1.15	1,311	7.88
	31	231	1.34	1,637	9.51	227	1.36	1,538	9.25
	32	233	1.35	1,870	10.87	225	1.35	1,763	10.60
	33	232	1.35	2,102	12.22	229	1.38	1,992	11.98
	34	290	1.69	2,392	13.90	282	1.70	2,274	13.67
	35	310	1.80	2,702	15.70	307	1.85	2,581	15.52
	36	287	1.67	2,989	17.37	284	1.71	2,865	17.23
	37	311	1.81	3,300	19.18	309	1.86	3,174	19.08
	38	316	1.84	3,616	21.02	315	1.89	3,489	20.98
	39	312	1.81	3,928	22.83	311	1.87	3,800	22.85
	40	289	1.68	4,217	24.51	287	1.73	4,087	24.57
	41	271	1.58	4,488	26.09	268	1.61	4,355	26.19
	42	286	1.66	4,774	27.75	285	1.71	4,640	27.90
	43	286	1.66	5,060	29.41	284	1.71	4,924	29.61
	44	309	1.80	5,369	31.21	308	1.85	5,232	31.46
	45	270	1.57	5,639	32.78	269	1.62	5,501	33.08
	46	258	1.50	5,897	34.27	258	1.55	5,759	34.63
	47	263	1.53	6,160	35.80	263	1.58	6,022	36.21
	48	236	1.37	6,396	37.18	233	1.40	6,255	37.61

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent	
	49	248	1.44	6,644	38.62	246	1.48	6,501	39.09
	50	255	1.48	6,899	40.10	255	1.53	6,756	40.62
	51	244	1.42	7,143	41.52	244	1.47	7,000	42.09
	52	243	1.41	7,386	42.93	243	1.46	7,243	43.55
	53	183	1.06	7,569	43.99	183	1.10	7,426	44.65
	54	173	1.01	7,742	45.00	173	1.04	7,599	45.69
	55	172	1.00	7,914	46.00	172	1.03	7,771	46.73
	56	185	1.08	8,099	47.07	185	1.11	7,956	47.84
	57	155	0.90	8,254	47.97	155	0.93	8,111	48.77
	58	144	0.84	8,398	48.81	144	0.87	8,255	49.64
	59	137	0.80	8,535	49.61	137	0.82	8,392	50.46
	60	135	0.78	8,670	50.39	135	0.81	8,527	51.27
	61	121	0.70	8,791	51.10	119	0.72	8,646	51.99
	62	127	0.74	8,918	51.83	127	0.76	8,773	52.75
	63	132	0.77	9,050	52.60	132	0.79	8,905	53.54
	64	140	0.81	9,190	53.41	140	0.84	9,045	54.39
	65	107	0.62	9,297	54.04	107	0.64	9,152	55.03
	66	109	0.63	9,406	54.67	109	0.66	9,261	55.69
	67	108	0.63	9,514	55.30	107	0.64	9,368	56.33
	68	123	0.71	9,637	56.01	123	0.74	9,491	57.07
	69	107	0.62	9,744	56.63	107	0.64	9,598	57.71
	70	90	0.52	9,834	57.16	90	0.54	9,688	58.25
	71	87	0.51	9,921	57.66	87	0.52	9,775	58.78
	72	67	0.39	9,988	58.05	67	0.40	9,842	59.18
	73	78	0.45	10,066	58.51	78	0.47	9,920	59.65
	74	72	0.42	10,138	58.92	72	0.43	9,992	60.08
	75	69	0.40	10,207	59.33	69	0.41	10,061	60.50
	76	54	0.31	10,261	59.64	54	0.32	10,115	60.82
	77	55	0.32	10,316	59.96	55	0.33	10,170	61.15
	78	58	0.34	10,374	60.30	58	0.35	10,228	61.50
	79	37	0.22	10,411	60.51	37	0.22	10,265	61.72
80 - 84 years	80	126	0.73	10,537	61.24	126	0.76	10,391	62.48
85 years and over	85	50	0.29	10,587	61.53	50	0.30	10,441	62.78
No spouse	99	6,618	38.47	17,205	100.00	6,190	37.22	16,631	100.00
<b>SPAGEGRP</b>									
Less than 25 years	01	393	2.28	393	2.28	337	2.03	337	2.03
25 - 29	02	816	4.74	1,209	7.03	783	4.71	1,120	6.73
30 - 34	03	1,183	6.88	2,392	13.90	1,154	6.94	2,274	13.67
35 - 39	04	1,536	8.93	3,928	22.83	1,526	9.18	3,800	22.85
40 - 44	05	1,441	8.38	5,369	31.21	1,432	8.61	5,232	31.46
45 - 49	06	1,275	7.41	6,644	38.62	1,269	7.63	6,501	39.09
50 - 54	07	1,098	6.38	7,742	45.00	1,098	6.60	7,599	45.69
55 - 59	08	793	4.61	8,535	49.61	793	4.77	8,392	50.46
60 - 64	09	655	3.81	9,190	53.41	653	3.93	9,045	54.39

		Full-year and Part-year Households				Full-year Households ONLY			
		Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent
65 - 69	10	554	3.22	9,744	56.63	553	3.33	9,598	57.71
70 - 74	11	394	2.29	10,138	58.92	394	2.37	9,992	60.08
75 - 79	12	273	1.59	10,411	60.51	273	1.64	10,265	61.72
80 - 84 years	13	126	0.73	10,537	61.24	126	0.76	10,391	62.48
85 years and over	14	50	0.29	10,587	61.53	50	0.30	10,441	62.78
No spouse	99	6,618	38.47	17,205	100.00	6,190	37.22	16,631	100.00
<b>SPSEX</b>									
Male	1	4,187	24.34	4,187	24.34	4,133	24.85	4,133	24.85
Female	2	6,400	37.20	10,587	61.53	6,308	37.93	10,441	62.78
No spouse	9	6,618	38.47	17,205	100.00	6,190	37.22	16,631	100.00
<b>SPWEEKFT</b>									
	00	4,313	25.07	4,313	25.07	4,231	25.44	4,231	25.44
	01	4	0.02	4,317	25.09	4	0.02	4,235	25.46
	02	19	0.11	4,336	25.20	19	0.11	4,254	25.58
	03	6	0.03	4,342	25.24	5	0.03	4,259	25.61
	04	31	0.18	4,373	25.42	28	0.17	4,287	25.78
	05	9	0.05	4,382	25.47	9	0.05	4,296	25.83
	06	25	0.15	4,407	25.61	24	0.14	4,320	25.98
	07	4	0.02	4,411	25.64	4	0.02	4,324	26.00
	08	51	0.30	4,462	25.93	45	0.27	4,369	26.27
	09	13	0.08	4,475	26.01	13	0.08	4,382	26.35
	10	46	0.27	4,521	26.28	44	0.26	4,426	26.61
	11	8	0.05	4,529	26.32	7	0.04	4,433	26.66
	12	64	0.37	4,593	26.70	60	0.36	4,493	27.02
	13	22	0.13	4,615	26.82	22	0.13	4,515	27.15
	14	49	0.28	4,664	27.11	48	0.29	4,563	27.44
	15	19	0.11	4,683	27.22	19	0.11	4,582	27.55
	16	94	0.55	4,777	27.77	85	0.51	4,667	28.06
	17	31	0.18	4,808	27.95	29	0.17	4,696	28.24
	18	32	0.19	4,840	28.13	31	0.19	4,727	28.42
	19	12	0.07	4,852	28.20	11	0.07	4,738	28.49
	20	107	0.62	4,959	28.82	100	0.60	4,838	29.09
	21	14	0.08	4,973	28.90	14	0.08	4,852	29.17
	22	26	0.15	4,999	29.06	23	0.14	4,875	29.31
	23	4	0.02	5,003	29.08	4	0.02	4,879	29.34
	24	42	0.24	5,045	29.32	38	0.23	4,917	29.57
	25	33	0.19	5,078	29.51	32	0.19	4,949	29.76
	26	197	1.15	5,275	30.66	189	1.14	5,138	30.89
	27	11	0.06	5,286	30.72	11	0.07	5,149	30.96
	28	59	0.34	5,345	31.07	57	0.34	5,206	31.30
	29	7	0.04	5,352	31.11	7	0.04	5,213	31.35
	30	61	0.35	5,413	31.46	59	0.35	5,272	31.70
	31	4	0.02	5,417	31.49	4	0.02	5,276	31.72
	32	97	0.56	5,514	32.05	96	0.58	5,372	32.30

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent	
	33	4	0.02	5,518	32.07	4	0.02	5,376	32.33
	34	24	0.14	5,542	32.21	24	0.14	5,400	32.47
	35	20	0.12	5,562	32.33	20	0.12	5,420	32.59
	36	89	0.52	5,651	32.85	87	0.52	5,507	33.11
	37	13	0.08	5,664	32.92	13	0.08	5,520	33.19
	38	22	0.13	5,686	33.05	21	0.13	5,541	33.32
	39	21	0.12	5,707	33.17	21	0.13	5,562	33.44
	40	151	0.88	5,858	34.05	151	0.91	5,713	34.35
	41	8	0.05	5,866	34.09	8	0.05	5,721	34.40
	42	29	0.17	5,895	34.26	29	0.17	5,750	34.57
	43	15	0.09	5,910	34.35	15	0.09	5,765	34.66
	44	65	0.38	5,975	34.73	65	0.39	5,830	35.06
	45	20	0.12	5,995	34.84	20	0.12	5,850	35.18
	46	41	0.24	6,036	35.08	41	0.25	5,891	35.42
	47	11	0.06	6,047	35.15	11	0.07	5,902	35.49
	48	63	0.37	6,110	35.51	62	0.37	5,964	35.86
	49	17	0.10	6,127	35.61	17	0.10	5,981	35.96
	50	53	0.31	6,180	35.92	53	0.32	6,034	36.28
	51	12	0.07	6,192	35.99	12	0.07	6,046	36.35
	52	4,395	25.54	10,587	61.53	4,395	26.43	10,441	62.78
No spouse	99	6,618	38.47	17,205	100.00	6,190	37.22	16,631	100.00
<b>SPWEEKPT</b>									
	00	8,931	51.91	8,931	51.91	8,821	53.04	8,821	53.04
	01	23	0.13	8,954	52.04	19	0.11	8,840	53.15
	02	32	0.19	8,986	52.23	31	0.19	8,871	53.34
	03	21	0.12	9,007	52.35	19	0.11	8,890	53.45
	04	45	0.26	9,052	52.61	43	0.26	8,933	53.71
	05	10	0.06	9,062	52.67	9	0.05	8,942	53.77
	06	30	0.17	9,092	52.85	28	0.17	8,970	53.94
	07	5	0.03	9,097	52.87	5	0.03	8,975	53.97
	08	43	0.25	9,140	53.12	41	0.25	9,016	54.21
	09	12	0.07	9,152	53.19	11	0.07	9,027	54.28
	10	51	0.30	9,203	53.49	50	0.30	9,077	54.58
	11	5	0.03	9,208	53.52	5	0.03	9,082	54.61
	12	71	0.41	9,279	53.93	66	0.40	9,148	55.01
	13	15	0.09	9,294	54.02	15	0.09	9,163	55.10
	14	10	0.06	9,304	54.08	9	0.05	9,172	55.15
	15	16	0.09	9,320	54.17	16	0.10	9,188	55.25
	16	48	0.28	9,368	54.45	44	0.26	9,232	55.51
	17	7	0.04	9,375	54.49	7	0.04	9,239	55.55
	18	11	0.06	9,386	54.55	11	0.07	9,250	55.62
	19	3	0.02	9,389	54.57	2	0.01	9,252	55.63
	20	64	0.37	9,453	54.94	64	0.38	9,316	56.02
	21	1	0.01	9,454	54.95	1	0.01	9,317	56.02

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	
	22	20	0.12	9,474	55.07	19	0.11	9,336	56.14
	23	5	0.03	9,479	55.09	5	0.03	9,341	56.17
	24	33	0.19	9,512	55.29	33	0.20	9,374	56.36
	25	18	0.10	9,530	55.39	17	0.10	9,391	56.47
	26	102	0.59	9,632	55.98	99	0.60	9,490	57.06
	27	3	0.02	9,635	56.00	3	0.02	9,493	57.08
	28	17	0.10	9,652	56.10	16	0.10	9,509	57.18
	29	1	0.01	9,653	56.11	1	0.01	9,510	57.18
	30	31	0.18	9,684	56.29	30	0.18	9,540	57.36
	31	5	0.03	9,689	56.32	4	0.02	9,544	57.39
	32	27	0.16	9,716	56.47	26	0.16	9,570	57.54
	33	4	0.02	9,720	56.50	4	0.02	9,574	57.57
	34	11	0.06	9,731	56.56	11	0.07	9,585	57.63
	35	15	0.09	9,746	56.65	15	0.09	9,600	57.72
	36	24	0.14	9,770	56.79	24	0.14	9,624	57.87
	37	3	0.02	9,773	56.80	3	0.02	9,627	57.89
	38	7	0.04	9,780	56.84	7	0.04	9,634	57.93
	39	4	0.02	9,784	56.87	4	0.02	9,638	57.95
	40	62	0.36	9,846	57.23	62	0.37	9,700	58.32
	41	3	0.02	9,849	57.24	3	0.02	9,703	58.34
	42	9	0.05	9,858	57.30	9	0.05	9,712	58.40
	43	5	0.03	9,863	57.33	5	0.03	9,717	58.43
	44	17	0.10	9,880	57.43	17	0.10	9,734	58.53
	45	6	0.03	9,886	57.46	6	0.04	9,740	58.57
	46	6	0.03	9,892	57.49	6	0.04	9,746	58.60
	47	3	0.02	9,895	57.51	3	0.02	9,749	58.62
	48	26	0.15	9,921	57.66	26	0.16	9,775	58.78
	49	6	0.03	9,927	57.70	6	0.04	9,781	58.81
	50	14	0.08	9,941	57.78	14	0.08	9,795	58.90
	51	6	0.03	9,947	57.81	6	0.04	9,801	58.93
	52	640	3.72	10,587	61.53	640	3.85	10,441	62.78
No spouse	99	6,618	38.47	17,205	100.00	6,190	37.22	16,631	100.00
<b>SPPREVDW</b>									
Before 1994	1	5,942	34.54	5,942	34.54	5,942	35.73	5,942	35.73
Owned	2	1,613	9.38	7,555	43.91	1,599	9.61	7,541	45.34
Rented	3	2,566	14.91	10,121	58.83	2,535	15.24	10,076	60.59
Did not maintain own dwelling	4	466	2.71	10,587	61.53	365	2.19	10,441	62.78
No spouse	9	6,618	38.47	17,205	100.00	6,190	37.22	16,631	100.00
<b>ECFAM</b>									
1	1	16,595	96.45	16,595	96.45	16,096	96.78	16,096	96.78
2 or more	2	610	3.55	17,205	100.00	535	3.22	16,631	100.00

		Full-year and Part-year Households				Full-year Households ONLY			
		Fre- quency	Percent	Cumulative Frequency	Cumulative Percent	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent
<b>HHTYPEP</b>									
One person	1	4,080	23.71	4,080	23.71	3,813	22.93	3,813	22.93
Married couple only	2	4,333	25.18	8,413	48.90	4,246	25.53	8,059	48.46
Married couple with single children only	3	5,609	32.60	14,022	81.50	5,553	33.39	13,612	81.85
Married couple with other relatives and nonrelative	4	645	3.75	14,667	85.25	642	3.86	14,254	85.71
Lone parent	5	1,391	8.08	16,058	93.33	1,329	7.99	15,583	93.70
Other hhd with relatives only	6	662	3.85	16,720	97.18	633	3.81	16,216	97.50
Other hhd with any unrelated persons	7	485	2.82	17,205	100.00	415	2.50	16,631	100.00
<b>HHSZD31</b>									
	01	4,211	24.48	4,211	24.48	3,936	23.67	3,936	23.67
	02	5,749	33.41	9,960	57.89	5,559	33.43	9,495	57.09
	03	2,850	16.56	12,810	74.46	2,777	16.70	12,272	73.79
	04	2,828	16.44	15,638	90.89	2,802	16.85	15,074	90.64
	05	1,083	6.29	16,721	97.19	1,074	6.46	16,148	97.10
6 or more	06	484	2.81	17,205	100.00	483	2.90	16,631	100.00
<b>CH04D31</b>									
	0	14,875	86.46	14,875	86.46	14,370	86.40	14,370	86.40
	1	1,737	10.10	16,612	96.55	1,685	10.13	16,055	96.54
2 or more	2	593	3.45	17,205	100.00	576	3.46	16,631	100.00
<b>BLANK</b>									
	0	17,205	100.00	17,205	100.00	16,631	100.00	16,631	100.00
<b>CH517D31</b>									
	0	12,132	70.51	12,132	70.51	11,639	69.98	11,639	69.98
	1	2,499	14.52	14,631	85.04	2,443	14.69	14,082	84.67
	2	1,835	10.67	16,466	95.70	1,815	10.91	15,897	95.59
3 or more	3	739	4.30	17,205	100.00	734	4.41	16,631	100.00
<b>BLANK</b>									
	0	17,205	100.00	17,205	100.00	16,631	100.00	16,631	100.00
<b>Y1824D31</b>									
	0	14,228	82.70	14,228	82.70	13,893	83.54	13,893	83.54
	1	2,181	12.68	16,409	95.37	2,036	12.24	15,929	95.78
2 or more	2	796	4.63	17,205	100.00	702	4.22	16,631	100.00
<b>A2564D31</b>									
	0	3,431	19.94	3,431	19.94	3,226	19.40	3,226	19.40
	1	4,784	27.81	8,215	47.75	4,509	27.11	7,735	46.51
2 or more	2	8,990	52.25	17,205	100.00	8,896	53.49	16,631	100.00
<b>SE65D31</b>									
	0	13,318	77.41	13,318	77.41	12,762	76.74	12,762	76.74
	1	2,584	15.02	15,902	92.43	2,567	15.44	15,329	92.17
2 or more	2	1,303	7.57	17,205	100.00	1,302	7.83	16,631	100.00

	Full-year and Part-year Households				Full-year Households ONLY				
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	
<b>HHSZTOT</b>									
	01	4,080	23.71	4,080	23.71	3,813	22.93	3,813	22.93
	02	5,720	33.25	9,800	56.96	5,529	33.25	9,342	56.17
	03	2,881	16.75	12,681	73.71	2,806	16.87	12,148	73.04
	04	2,871	16.69	15,552	90.39	2,843	17.09	14,991	90.14
	05	1,139	6.62	16,691	97.01	1,128	6.78	16,119	96.92
6 or more	06	514	2.99	17,205	100.00	512	3.08	16,631	100.00
<b>AGEYOUNP</b>									
	00	477	2.77	477	2.77	455	2.74	455	2.74
	01	541	3.14	1,018	5.92	518	3.11	973	5.85
	02	463	2.69	1,481	8.61	452	2.72	1,425	8.57
	03	373	2.17	1,854	10.78	367	2.21	1,792	10.78
	04	389	2.26	2,243	13.04	381	2.29	2,173	13.07
	05	337	1.96	2,580	15.00	329	1.98	2,502	15.04
	06	309	1.80	2,889	16.79	305	1.83	2,807	16.88
	07	351	2.04	3,240	18.83	344	2.07	3,151	18.95
	08	309	1.80	3,549	20.63	302	1.82	3,453	20.76
	09	334	1.94	3,883	22.57	330	1.98	3,783	22.75
	10	271	1.58	4,154	24.14	267	1.61	4,050	24.35
	11	272	1.58	4,426	25.73	269	1.62	4,319	25.97
	12	348	2.02	4,774	27.75	344	2.07	4,663	28.04
	13	291	1.69	5,065	29.44	291	1.75	4,954	29.79
	14	283	1.64	5,348	31.08	281	1.69	5,235	31.48
	15	258	1.50	5,606	32.58	256	1.54	5,491	33.02
	16	265	1.54	5,871	34.12	261	1.57	5,752	34.59
	17	230	1.34	6,101	35.46	229	1.38	5,981	35.96
	18	233	1.35	6,334	36.81	233	1.40	6,214	37.36
	19	191	1.11	6,525	37.93	189	1.14	6,403	38.50
	20	169	0.98	6,694	38.91	169	1.02	6,572	39.52
	21	143	0.83	6,837	39.74	143	0.86	6,715	40.38
	22	116	0.67	6,953	40.41	116	0.70	6,831	41.07
	23	92	0.53	7,045	40.95	92	0.55	6,923	41.63
	24	78	0.45	7,123	41.40	78	0.47	7,001	42.10
25 years and over	25	558	3.24	7,681	44.64	557	3.35	7,558	45.45
Without children	99	9,524	55.36	17,205	100.00	9,073	54.55	16,631	100.00
<b>NUMWKS</b>									
	002	3	0.02	3	0.02				
	003	1	0.01	4	0.02				
	004	13	0.08	17	0.10				
	005	1	0.01	18	0.10				
	006	7	0.04	25	0.15				
	007	3	0.02	28	0.16				
	008	31	0.18	59	0.34				
	009	2	0.01	61	0.35				

	Full-year and Part-year Households				Full-year Households ONLY				
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	
	010	2	0.01	63	0.37				
	012	21	0.12	84	0.49				
	013	10	0.06	94	0.55				
	014	4	0.02	98	0.57				
	015	2	0.01	100	0.58				
	016	42	0.24	142	0.83				
	017	11	0.06	153	0.89				
	018	10	0.06	163	0.95				
	020	14	0.08	177	1.03				
	021	2	0.01	179	1.04				
	022	8	0.05	187	1.09				
	024	22	0.13	209	1.21				
	026	28	0.16	237	1.38				
	027	3	0.02	240	1.39				
	028	11	0.06	251	1.46				
	029	2	0.01	253	1.47				
	030	17	0.10	270	1.57				
	032	40	0.23	310	1.80				
	033	1	0.01	311	1.81				
	034	13	0.08	324	1.88				
	035	5	0.03	329	1.91				
	036	20	0.12	349	2.03				
	037	1	0.01	350	2.03				
	038	4	0.02	354	2.06				
	039	9	0.05	363	2.11				
	040	23	0.13	386	2.24				
	042	3	0.02	389	2.26				
	043	3	0.02	392	2.28				
	044	8	0.05	400	2.32				
	045	2	0.01	402	2.34				
	046	2	0.01	404	2.35				
	047	2	0.01	406	2.36				
	048	29	0.17	435	2.53				
	050	2	0.01	437	2.54				
	051	4	0.02	441	2.56				
	052	3,840	22.32	4,281	24.88	3,813	22.93	3,813	22.93
	053	2	0.01	4,283	24.89	2	0.01	3,815	22.94
	054	4	0.02	4,287	24.92	1	0.01	3,816	22.95
	055	1	0.01	4,288	24.92	1	0.01	3,817	22.95
	056	15	0.09	4,303	25.01	7	0.04	3,824	22.99
	058	9	0.05	4,312	25.06	7	0.04	3,831	23.04
	059	3	0.02	4,315	25.08	3	0.02	3,834	23.05
	060	22	0.13	4,337	25.21	14	0.08	3,848	23.14
	061	1	0.01	4,338	25.21	1	0.01	3,849	23.14

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent		Fre- quency	Percent	Cumulative Frequency	Cumulative Percent
	062	6	0.03	4,344	25.25	5	0.03	3,854	23.17
	063	2	0.01	4,346	25.26	2	0.01	3,856	23.19
	064	27	0.16	4,373	25.42	20	0.12	3,876	23.31
	065	1	0.01	4,374	25.42	1	0.01	3,877	23.31
	066	8	0.05	4,382	25.47	5	0.03	3,882	23.34
	067	2	0.01	4,384	25.48	2	0.01	3,884	23.35
	068	21	0.12	4,405	25.60	19	0.11	3,903	23.47
	069	5	0.03	4,410	25.63	4	0.02	3,907	23.49
	070	7	0.04	4,417	25.67	5	0.03	3,912	23.52
	072	15	0.09	4,432	25.76	11	0.07	3,923	23.59
	073	4	0.02	4,436	25.78	4	0.02	3,927	23.61
	074	8	0.05	4,444	25.83	7	0.04	3,934	23.65
	075	7	0.04	4,451	25.87	4	0.02	3,938	23.68
	076	12	0.07	4,463	25.94	11	0.07	3,949	23.74
	078	41	0.24	4,504	26.18	29	0.17	3,978	23.92
	079	2	0.01	4,506	26.19	2	0.01	3,980	23.93
	080	18	0.10	4,524	26.29	15	0.09	3,995	24.02
	081	5	0.03	4,529	26.32	5	0.03	4,000	24.05
	082	4	0.02	4,533	26.35	4	0.02	4,004	24.08
	083	1	0.01	4,534	26.35	1	0.01	4,005	24.08
	084	18	0.10	4,552	26.46	17	0.10	4,022	24.18
	085	3	0.02	4,555	26.47	2	0.01	4,024	24.20
	086	6	0.03	4,561	26.51	6	0.04	4,030	24.23
	087	4	0.02	4,565	26.53	3	0.02	4,033	24.25
	088	12	0.07	4,577	26.60	12	0.07	4,045	24.32
	089	1	0.01	4,578	26.61	1	0.01	4,046	24.33
	090	4	0.02	4,582	26.63	2	0.01	4,048	24.34
	091	2	0.01	4,584	26.64	2	0.01	4,050	24.35
	092	12	0.07	4,596	26.71	11	0.07	4,061	24.42
	093	1	0.01	4,597	26.72	1	0.01	4,062	24.42
	095	1	0.01	4,598	26.72	1	0.01	4,063	24.43
	096	14	0.08	4,612	26.81	9	0.05	4,072	24.48
	097	1	0.01	4,613	26.81	1	0.01	4,073	24.49
	098	8	0.05	4,621	26.86	8	0.05	4,081	24.54
	099	4	0.02	4,625	26.88	3	0.02	4,084	24.56
	100	11	0.06	4,636	26.95	10	0.06	4,094	24.62
	101	4	0.02	4,640	26.97	4	0.02	4,098	24.64
	102	11	0.06	4,651	27.03	10	0.06	4,108	24.70
	103	1	0.01	4,652	27.04	1	0.01	4,109	24.71
	104	5,284	30.71	9,936	57.75	5,281	31.75	9,390	56.46
	105	2	0.01	9,938	57.76	2	0.01	9,392	56.47
	106	9	0.05	9,947	57.81	9	0.05	9,401	56.53
	107	5	0.03	9,952	57.84	5	0.03	9,406	56.56
	108	11	0.06	9,963	57.91	9	0.05	9,415	56.61

	Full-year and Part-year Households				Full-year Households ONLY				
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	
	109	3	0.02	9,966	57.93	3	0.02	9,418	56.63
	110	7	0.04	9,973	57.97	7	0.04	9,425	56.67
	111	1	0.01	9,974	57.97	1	0.01	9,426	56.68
	112	22	0.13	9,996	58.10	21	0.13	9,447	56.80
	113	3	0.02	9,999	58.12	3	0.02	9,450	56.82
	114	15	0.09	10,014	58.20	14	0.08	9,464	56.91
	115	1	0.01	10,015	58.21	1	0.01	9,465	56.91
	116	20	0.12	10,035	58.33	20	0.12	9,485	57.03
	117	15	0.09	10,050	58.41	8	0.05	9,493	57.08
	118	7	0.04	10,057	58.45	7	0.04	9,500	57.12
	119	3	0.02	10,060	58.47	2	0.01	9,502	57.13
	120	28	0.16	10,088	58.63	26	0.16	9,528	57.29
	121	8	0.05	10,096	58.68	8	0.05	9,536	57.34
	122	9	0.05	10,105	58.73	9	0.05	9,545	57.39
	123	1	0.01	10,106	58.74	1	0.01	9,546	57.40
	124	20	0.12	10,126	58.85	20	0.12	9,566	57.52
	125	6	0.03	10,132	58.89	6	0.04	9,572	57.56
	126	9	0.05	10,141	58.94	9	0.05	9,581	57.61
	127	5	0.03	10,146	58.97	5	0.03	9,586	57.64
	128	20	0.12	10,166	59.09	19	0.11	9,605	57.75
	129	1	0.01	10,167	59.09	1	0.01	9,606	57.76
	130	45	0.26	10,212	59.35	44	0.26	9,650	58.02
	131	1	0.01	10,213	59.36	1	0.01	9,651	58.03
	132	20	0.12	10,233	59.48	20	0.12	9,671	58.15
	133	3	0.02	10,236	59.49	3	0.02	9,674	58.17
	134	13	0.08	10,249	59.57	13	0.08	9,687	58.25
	135	6	0.03	10,255	59.60	6	0.04	9,693	58.28
	136	28	0.16	10,283	59.77	28	0.17	9,721	58.45
	137	2	0.01	10,285	59.78	2	0.01	9,723	58.46
	138	11	0.06	10,296	59.84	11	0.07	9,734	58.53
	139	5	0.03	10,301	59.87	5	0.03	9,739	58.56
	140	21	0.12	10,322	59.99	21	0.13	9,760	58.69
	142	5	0.03	10,327	60.02	4	0.02	9,764	58.71
	143	7	0.04	10,334	60.06	7	0.04	9,771	58.75
	144	24	0.14	10,358	60.20	23	0.14	9,794	58.89
	145	4	0.02	10,362	60.23	4	0.02	9,798	58.91
	146	6	0.03	10,368	60.26	6	0.04	9,804	58.95
	147	2	0.01	10,370	60.27	2	0.01	9,806	58.96
	148	11	0.06	10,381	60.34	11	0.07	9,817	59.03
	149	5	0.03	10,386	60.37	5	0.03	9,822	59.06
	150	3	0.02	10,389	60.38	3	0.02	9,825	59.08
	151	6	0.03	10,395	60.42	6	0.04	9,831	59.11
	152	16	0.09	10,411	60.51	16	0.10	9,847	59.21
	153	6	0.03	10,417	60.55	6	0.04	9,853	59.24

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumulative Frequency	Cumulative Percent		Fre- quency	Percent	Cumulative Frequency	Cumulative Percent
	154	6	0.03	10,423	60.58	6	0.04	9,859	59.28
	155	8	0.05	10,431	60.63	8	0.05	9,867	59.33
	156	2,349	13.65	12,780	74.28	2,347	14.11	12,214	73.44
	157	6	0.03	12,786	74.32	6	0.04	12,220	73.48
	158	1	0.01	12,787	74.32	1	0.01	12,221	73.48
	159	2	0.01	12,789	74.33	2	0.01	12,223	73.50
	160	8	0.05	12,797	74.38	8	0.05	12,231	73.54
	161	2	0.01	12,799	74.39	2	0.01	12,233	73.56
	162	10	0.06	12,809	74.45	10	0.06	12,243	73.62
	163	2	0.01	12,811	74.46	2	0.01	12,245	73.63
	164	10	0.06	12,821	74.52	10	0.06	12,255	73.69
	165	4	0.02	12,825	74.54	4	0.02	12,259	73.71
	166	4	0.02	12,829	74.57	4	0.02	12,263	73.74
	167	3	0.02	12,832	74.58	3	0.02	12,266	73.75
	168	17	0.10	12,849	74.68	17	0.10	12,283	73.86
	169	3	0.02	12,852	74.70	3	0.02	12,286	73.87
	170	6	0.03	12,858	74.73	6	0.04	12,292	73.91
	171	5	0.03	12,863	74.76	5	0.03	12,297	73.94
	172	18	0.10	12,881	74.87	18	0.11	12,315	74.05
	173	8	0.05	12,889	74.91	8	0.05	12,323	74.10
	174	11	0.06	12,900	74.98	11	0.07	12,334	74.16
	175	3	0.02	12,903	75.00	3	0.02	12,337	74.18
	176	20	0.12	12,923	75.11	19	0.11	12,356	74.29
	177	3	0.02	12,926	75.13	3	0.02	12,359	74.31
	178	4	0.02	12,930	75.15	4	0.02	12,363	74.34
	179	2	0.01	12,932	75.16	2	0.01	12,365	74.35
	180	3	0.02	12,935	75.18	2	0.01	12,367	74.36
	181	4	0.02	12,939	75.20	4	0.02	12,371	74.39
	182	34	0.20	12,973	75.40	34	0.20	12,405	74.59
	183	1	0.01	12,974	75.41	1	0.01	12,406	74.60
	184	11	0.06	12,985	75.47	11	0.07	12,417	74.66
	185	3	0.02	12,988	75.49	3	0.02	12,420	74.68
	186	5	0.03	12,993	75.52	5	0.03	12,425	74.71
	188	24	0.14	13,017	75.66	24	0.14	12,449	74.85
	189	2	0.01	13,019	75.67	2	0.01	12,451	74.87
	190	8	0.05	13,027	75.72	7	0.04	12,458	74.91
	191	5	0.03	13,032	75.75	5	0.03	12,463	74.94
	192	12	0.07	13,044	75.82	11	0.07	12,474	75.00
	193	4	0.02	13,048	75.84	4	0.02	12,478	75.03
	194	2	0.01	13,050	75.85	2	0.01	12,480	75.04
	195	4	0.02	13,054	75.87	3	0.02	12,483	75.06
	196	11	0.06	13,065	75.94	11	0.07	12,494	75.12
	197	5	0.03	13,070	75.97	5	0.03	12,499	75.15
	198	5	0.03	13,075	76.00	5	0.03	12,504	75.18

	Full-year and Part-year Households				Full-year Households ONLY			
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent
199	5	0.03	13,080	76.02	5	0.03	12,509	75.21
200	7	0.04	13,087	76.07	7	0.04	12,516	75.26
201	2	0.01	13,089	76.08	2	0.01	12,518	75.27
202	9	0.05	13,098	76.13	9	0.05	12,527	75.32
203	4	0.02	13,102	76.15	4	0.02	12,531	75.35
204	13	0.08	13,115	76.23	13	0.08	12,544	75.43
205	4	0.02	13,119	76.25	3	0.02	12,547	75.44
206	4	0.02	13,123	76.27	4	0.02	12,551	75.47
207	9	0.05	13,132	76.33	9	0.05	12,560	75.52
208	2,466	14.33	15,598	90.66	2,466	14.83	15,026	90.35
209	2	0.01	15,600	90.67	1	0.01	15,027	90.36
210	1	0.01	15,601	90.68	1	0.01	15,028	90.36
211	1	0.01	15,602	90.68	1	0.01	15,029	90.37
212	11	0.06	15,613	90.75	11	0.07	15,040	90.43
213	1	0.01	15,614	90.75	1	0.01	15,041	90.44
214	3	0.02	15,617	90.77	3	0.02	15,044	90.46
216	7	0.04	15,624	90.81	7	0.04	15,051	90.50
217	2	0.01	15,626	90.82	2	0.01	15,053	90.51
218	3	0.02	15,629	90.84	3	0.02	15,056	90.53
219	3	0.02	15,632	90.86	3	0.02	15,059	90.55
220	9	0.05	15,641	90.91	9	0.05	15,068	90.60
221	6	0.03	15,647	90.94	6	0.04	15,074	90.64
222	3	0.02	15,650	90.96	3	0.02	15,077	90.66
223	1	0.01	15,651	90.97	1	0.01	15,078	90.66
224	12	0.07	15,663	91.04	12	0.07	15,090	90.73
225	3	0.02	15,666	91.05	3	0.02	15,093	90.75
226	6	0.03	15,672	91.09	6	0.04	15,099	90.79
228	10	0.06	15,682	91.15	10	0.06	15,109	90.85
230	3	0.02	15,685	91.17	3	0.02	15,112	90.87
232	4	0.02	15,689	91.19	4	0.02	15,116	90.89
233	2	0.01	15,691	91.20	2	0.01	15,118	90.90
234	14	0.08	15,705	91.28	14	0.08	15,132	90.99
235	1	0.01	15,706	91.29	1	0.01	15,133	90.99
236	9	0.05	15,715	91.34	9	0.05	15,142	91.05
237	1	0.01	15,716	91.35	1	0.01	15,143	91.05
238	9	0.05	15,725	91.40	8	0.05	15,151	91.10
239	3	0.02	15,728	91.42	3	0.02	15,154	91.12
240	8	0.05	15,736	91.46	8	0.05	15,162	91.17
241	2	0.01	15,738	91.47	2	0.01	15,164	91.18
242	5	0.03	15,743	91.50	5	0.03	15,169	91.21
244	9	0.05	15,752	91.55	9	0.05	15,178	91.26
245	1	0.01	15,753	91.56	1	0.01	15,179	91.27
246	1	0.01	15,754	91.57	1	0.01	15,180	91.28
247	1	0.01	15,755	91.57	1	0.01	15,181	91.28

	Full-year and Part-year Households					Full-year Households ONLY			
	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent		Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent
	248	8	0.05	15,763	91.62	8	0.05	15,189	91.33
	250	4	0.02	15,767	91.64	4	0.02	15,193	91.35
	252	4	0.02	15,771	91.67	4	0.02	15,197	91.38
	254	2	0.01	15,773	91.68	2	0.01	15,199	91.39
	255	1	0.01	15,774	91.68	1	0.01	15,200	91.40
	256	6	0.03	15,780	91.72	6	0.04	15,206	91.43
	257	3	0.02	15,783	91.73	3	0.02	15,209	91.45
	258	2	0.01	15,785	91.75	2	0.01	15,211	91.46
	259	10	0.06	15,795	91.80	10	0.06	15,221	91.52
	260	928	5.39	16,723	97.20	928	5.58	16,149	97.10
	261	1	0.01	16,724	97.20	1	0.01	16,150	97.11
	262	2	0.01	16,726	97.22	2	0.01	16,152	97.12
	263	1	0.01	16,727	97.22	1	0.01	16,153	97.13
	264	1	0.01	16,728	97.23	1	0.01	16,154	97.13
	266	2	0.01	16,730	97.24	2	0.01	16,156	97.14
	267	1	0.01	16,731	97.24	1	0.01	16,157	97.15
	268	4	0.02	16,735	97.27	4	0.02	16,161	97.17
	272	5	0.03	16,740	97.30	5	0.03	16,166	97.20
	275	1	0.01	16,741	97.30	1	0.01	16,167	97.21
	276	2	0.01	16,743	97.31	2	0.01	16,169	97.22
	277	1	0.01	16,744	97.32	1	0.01	16,170	97.23
	278	3	0.02	16,747	97.34	3	0.02	16,173	97.25
	279	1	0.01	16,748	97.34	1	0.01	16,174	97.25
	280	3	0.02	16,751	97.36	3	0.02	16,177	97.27
	282	3	0.02	16,754	97.38	3	0.02	16,180	97.29
	284	1	0.01	16,755	97.38	1	0.01	16,181	97.29
	286	8	0.05	16,763	97.43	8	0.05	16,189	97.34
	288	1	0.01	16,764	97.44	1	0.01	16,190	97.35
	290	3	0.02	16,767	97.45	3	0.02	16,193	97.37
	292	1	0.01	16,768	97.46	1	0.01	16,194	97.37
	294	2	0.01	16,770	97.47	2	0.01	16,196	97.38
	295	1	0.01	16,771	97.48	1	0.01	16,197	97.39
	297	2	0.01	16,773	97.49	2	0.01	16,199	97.40
	298	1	0.01	16,774	97.49	1	0.01	16,200	97.41
	299	1	0.01	16,775	97.50	1	0.01	16,201	97.41
	300	2	0.01	16,777	97.51	2	0.01	16,203	97.43
	301	1	0.01	16,778	97.52	1	0.01	16,204	97.43
	303	1	0.01	16,779	97.52	1	0.01	16,205	97.44
	304	1	0.01	16,780	97.53	1	0.01	16,206	97.44
	305	1	0.01	16,781	97.54	1	0.01	16,207	97.45
	306	1	0.01	16,782	97.54	1	0.01	16,208	97.46
	308	3	0.02	16,785	97.56	3	0.02	16,211	97.47
	309	1	0.01	16,786	97.56	1	0.01	16,212	97.48
	310	2	0.01	16,788	97.58	2	0.01	16,214	97.49

	Full-year and Part-year Households					Full-year Households ONLY			
	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
	311	2	0.01	16,790	97.59	2	0.01	16,216	97.50
312 or more	312	415	2.41	17,205	100.00	415	2.50	16,631	100.00
<b>NUMFTP</b>									
None	0	7,893	45.88	7,893	45.88	7,328	44.06	7,328	44.06
1	1	6,195	36.01	14,088	81.88	6,186	37.20	13,514	81.26
2 or more	2	3,117	18.12	17,205	100.00	3,117	18.74	16,631	100.00
<b>NUMPTP</b>									
None	0	9,281	53.94	9,281	53.94	9,155	55.05	9,155	55.05
1	1	5,475	31.82	14,756	85.77	5,170	31.09	14,325	86.13
2	2	1,938	11.26	16,694	97.03	1,808	10.87	16,133	97.01
3 or more	3	511	2.97	17,205	100.00	498	2.99	16,631	100.00
<b>MAINCSCP</b>									
All sources = 0	0	21	0.12	21	0.12	13	0.08	13	0.08
Major source is wages and salaries or self-employment income	1	11,521	66.96	11,542	67.09	11,115	66.83	11,128	66.91
Major source is investment income	2	265	1.54	11,807	68.63	262	1.58	11,390	68.49
Major source is government transfer payments	3	4,278	24.86	16,085	93.49	4,148	24.94	15,538	93.43
Major source is miscellaneous income	4	1,120	6.51	17,205	100.00	1,093	6.57	16,631	100.00
<b>EIFLAG</b>									
Employment insurance benefit = 0	0	14,412	83.77	14,412	83.77	13,914	83.66	13,914	83.66
Employment insurance benefit > 0	1	2,793	16.23	17,205	100.00	2,717	16.34	16,631	100.00
<b>WASHERP</b>									
None	0	2,922	16.98	2,922	16.98	2,597	15.62	2,597	15.62
Automatic	1	13,986	81.29	16,908	98.27	13,744	82.64	16,341	98.26
Any other kind	2	297	1.73	17,205	100.00	290	1.74	16,631	100.00
<b>DRYERP</b>									
None	0	3,436	19.97	3,436	19.97	3,098	18.63	3,098	18.63
Electric	1	13,321	77.43	16,757	97.40	13,092	78.72	16,190	97.35
Gas	2	448	2.60	17,205	100.00	441	2.65	16,631	100.00
<b>DSHWASHP</b>									
None	0	9,106	52.93	9,106	52.93	8,651	52.02	8,651	52.02
Built-in automatic	1	6,957	40.44	16,063	93.36	6,858	41.24	15,509	93.25
Portable automatic	2	1,142	6.64	17,205	100.00	1,122	6.75	16,631	100.00
<b>NMFRIDGP</b>									
None	0	29	0.17	29	0.17	26	0.16	26	0.16
1	1	13,781	80.10	13,810	80.27	13,230	79.55	13,256	79.71
2	2	3,226	18.75	17,036	99.02	3,206	19.28	16,462	98.98
3 or more	3	169	0.98	17,205	100.00	169	1.02	16,631	100.00
<b>FREEZER</b>									
No	0	6,205	36.07	6,205	36.07	5,740	34.51	5,740	34.51
Yes	1	11,000	63.93	17,205	100.00	10,891	65.49	16,631	100.00

		Full-year and Part-year Households				Full-year Households ONLY			
		Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent
<b>MICROWV</b>									
No	0	1,748	10.16	1,748	10.16	1,606	9.66	1,606	9.66
Yes	1	15,457	89.84	17,205	100.00	15,025	90.34	16,631	100.00
<b>AIRCONP</b>									
None	0	13,247	77.00	13,247	77.00	12,773	76.80	12,773	76.80
Window type	1	1,657	9.63	14,904	86.63	1,585	9.53	14,358	86.33
Central	2	2,301	13.37	17,205	100.00	2,273	13.67	16,631	100.00
<b>NMPHONP</b>									
None	0	372	2.16	372	2.16	322	1.94	322	1.94
1	1	4,094	23.80	4,466	25.96	3,832	23.04	4,154	24.98
2	2	6,189	35.97	10,655	61.93	5,998	36.07	10,152	61.04
3	3	3,715	21.59	14,370	83.52	3,665	22.04	13,817	83.08
4	4	1,695	9.85	16,065	93.37	1,683	10.12	15,500	93.20
5	5	703	4.09	16,768	97.46	694	4.17	16,194	97.37
6 or more	6	437	2.54	17,205	100.00	437	2.63	16,631	100.00
<b>NMPHUMP</b>									
None	0	372	2.16	372	2.16	322	1.94	322	1.94
1	1	15,229	88.51	15,601	90.68	14,723	88.53	15,045	90.46
2	2	1,437	8.35	17,038	99.03	1,421	8.54	16,466	99.01
3 or more	3	167	0.97	17,205	100.00	165	0.99	16,631	100.00
<b>CELLPHON</b>									
No	0	12,163	70.69	12,163	70.69	11,725	70.50	11,725	70.50
Yes	1	5,042	29.31	17,205	100.00	4,906	29.50	16,631	100.00
<b>CDPLYER</b>									
No	0	5,245	30.49	5,245	30.49	5,092	30.62	5,092	30.62
Yes	1	11,960	69.51	17,205	100.00	11,539	69.38	16,631	100.00
<b>CABLETV</b>									
No	0	4,730	27.49	4,730	27.49	4,504	27.08	4,504	27.08
Yes	1	12,475	72.51	17,205	100.00	12,127	72.92	16,631	100.00
<b>NMVCRP</b>									
None	0	2,020	11.74	2,020	11.74	1,910	11.48	1,910	11.48
1	1	10,431	60.63	12,451	72.37	10,032	60.32	11,942	71.81
2	2	3,890	22.61	16,341	94.98	3,833	23.05	15,775	94.85
3 or more	3	864	5.02	17,205	100.00	856	5.15	16,631	100.00
<b>COMPUTER</b>									
No	0	9,318	54.16	9,318	54.16	8,970	53.94	8,970	53.94
Yes	1	7,887	45.84	17,205	100.00	7,661	46.06	16,631	100.00
<b>MODEM</b>									
No	0	1,742	10.12	1,742	10.12	1,692	10.17	1,692	10.17
Yes	1	6,145	35.72	7,887	45.84	5,969	35.89	7,661	46.06
No computer	9	9,318	54.16	17,205	100.00	8,970	53.94	16,631	100.00

		Full-year and Part-year Households				Full-year Households ONLY			
		Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent	Fre- quency	Percent	Cumu- lative Frequency	Cumu- lative Percent
<b>INTERNET</b>									
No	0	905	5.26	905	5.26	874	5.26	874	5.26
Yes	1	5,240	30.46	6,145	35.72	5,095	30.64	5,969	35.89
No modem	9	11,060	64.28	17,205	100.00	10,662	64.11	16,631	100.00
<b>NMCOLTVP</b>									
None	0	230	1.34	230	1.34	200	1.20	200	1.20
1	1	7,244	42.10	7,474	43.44	6,840	41.13	7,040	42.33
2	2	6,295	36.59	13,769	80.03	6,177	37.14	13,217	79.47
3	3	2,428	14.11	16,197	94.14	2,411	14.50	15,628	93.97
4	4	739	4.30	16,936	98.44	737	4.43	16,365	98.40
5 or more	5	269	1.56	17,205	100.00	266	1.60	16,631	100.00
<b>NMVEHONP</b>									
None	0	3,688	21.44	3,688	21.44	3,441	20.69	3,441	20.69
1	1	7,587	44.10	11,275	65.53	7,337	44.12	10,778	64.81
2	2	4,723	27.45	15,998	92.98	4,650	27.96	15,428	92.77
3	3	941	5.47	16,939	98.45	937	5.63	16,365	98.40
4 or more	4	266	1.55	17,205	100.00	266	1.60	16,631	100.00
<b>VEHLEASP</b>									
No	0	15,880	92.30	15,880	92.30	15,329	92.17	15,329	92.17
Yes	1	1,325	7.70	17,205	100.00	1,302	7.83	16,631	100.00
<b>CROWDEDP</b>									
No	0	16,429	95.49	16,429	95.49	15,896	95.58	15,896	95.58
Yes	1	776	4.51	17,205	100.00	735	4.42	16,631	100.00

## APPENDIX B

### Part 1 of 3

#### Averages, Aggregates, Minimum and Maximum Values Public-Use Microdata File B SHS 1999 (Full-Year and Part-Year Households)

100	Number of households in sample	17,205
101	Estimated number of households	11,553,253

Pub. stub no.	Variable Name	Average	Aggregate	Minimum	Maximum
	Purchase price of home bought in reference year	5,515	63,714,376,100	0	650,000
	Selling price of home sold in reference year	2,750	31,771,221,500	0	390,000
	Additions, renovations and alterations	900	10,401,143,586	0	200,000
	New installations of equipment and fixtures	87	1,008,550,136	0	16,000
	Income of reference person before taxes	31,189	360,338,627,900	-42,000	1,000,000
	Income of reference person from earnings	23,152	267,485,219,200	-42,000	650,000
	Income of reference person from investment	1,283	14,822,713,500	-25,000	230,000
	Income of reference person from government transfer payments	4,141	47,837,786,700	0	200,000
	Income of reference person from other sources	2,628	30,359,746,800	0	640,000
	Income of spouse before taxes	16,660	192,482,262,100	-5,000	4,600,000
	Income of spouse from earnings	14,203	164,085,693,200	-11,000	4,500,000
	Income of spouse from investment	402	4,644,968,800	-16,000	250,000
	Income of spouse from government transfer payments	1,409	16,281,527,400	0	56,000
	Income of spouse from other sources	650	7,505,346,400	0	200,000
176	Household income before taxes	53,052	612,921,679,152	-5,416	4,578,000
	Household income from earnings	41,673	481,460,198,492	-25,000	4,518,000
	Household income from investment	1,748	20,196,829,939	-25,000	300,000
	Household income from government transfer payments	6,148	71,026,701,187	0	201,991
	Household income from other sources	3,483	40,237,949,534	0	640,000
178	Total other money receipts	1,650	19,058,507,786	0	1,400,000
180	Money flows (assets, loans and other debts)	2,528	29,204,797,598	-783,000	1,570,500
	Registered Retirement Savings Plan (RRSP) change	1,447	16,715,186,763	-783,000	640,000
	<b>FOOD</b>				
1000-1560	Food	5,979	69,080,739,290	1	44,640
1000-1520	Food purchased from stores	4,654	53,768,476,642	1	40,640
1560	Food purchased from restaurants	1,295	14,965,147,281	0	30,300

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
	<b>SHELTER</b>					
2000-2052	Shelter	G001	10,054	116,161,384,901	0	80,375
2000-2034	Principal accommodation	G002	9,526	110,052,478,640	0	78,075
2000-2002	Rented living quarters	G003	2,448	28,284,078,767	0	33,000
2000	Rent	G004	2,382	27,520,389,062	0	33,000
2010-2028	Owned living quarters	G007	5,552	64,138,305,524	0	72,975
2010	Regular mortgage payments	G040	3,275	37,834,733,232	0	67,200
2011	Maintenance, repairs and replacements	G008	412	4,760,668,472	0	22,000
2012	Condominium charges	G009	98	1,128,872,084	0	10,836
2014	Property taxes	G010	1,176	13,585,628,799	0	13,500
2016	Homeowners' insurance premiums	G011	279	3,217,977,416	0	4,320
2030-2034	Water, fuel and electricity	G019	1,526	17,630,094,349	0	13,000
2030	Water and sewage	G020	162	1,868,577,981	0	4,200
2032	Fuel (e.g., oil, gas)	G022	468	5,412,572,445	0	6,000
2034	Electricity	G024	896	10,348,943,923	0	9,600
2040-2052	Other accommodation	G025	529	6,108,906,261	0	51,398
2040-2048	Owned vacation home	G026	167	1,923,815,327	0	51,398
2050-2052	Traveller accommodation	G032	362	4,185,090,934	0	26,425
	<b>HOUSEHOLD OPERATION</b>					
2200-2380	Household operation	H001	2,359	27,256,762,265	0	37,432
2200-2230	Communications	H002	958	11,066,341,145	0	12,750
2200-2204	Telephone	H003	710	8,199,196,013	0	9,000
2200	Purchase of telephones and equipment	H004	30	347,186,726	0	1,900
2202-2204	Telephone services	H005	680	7,852,009,287	0	9,000
2210	Cellular services	H008	127	1,463,939,154	0	6,313
2220	Internet services	H009	70	807,736,978	0	3,600
2230	Postal and other communication services	H010	52	595,469,000	0	3,500
2240-2244	Child care expenses	H011	308	3,563,829,371	0	23,500
2260	Domestic and other custodial services	H016	100	1,150,605,992	0	33,600
2270-2300	Pet expenses	H017	271	3,129,570,269	0	19,870
2310	Household cleaning supplies	H022	215	2,481,818,556	0	3,120
2320-2330	Paper, plastic and foil household supplies	H023	234	2,703,181,054	0	4,800
2340-2370	Garden supplies and services	H026	213	2,462,805,657	0	7,500
	<b>HOUSEHOLD FURNISHINGS AND EQUIPMENT</b>					
2500-2730	Household furnishings and equipment	I001	1,462	16,895,760,041	0	69,320
2500-2534	Household furnishings	I002	700	8,091,782,941	0	65,000
2500	Furniture	I003	461	5,328,379,183	0	44,200
2510	Rugs, mats and underpadding	I004	32	366,259,920	0	12,000
2520	Window coverings and household textiles	I005	132	1,525,165,314	0	35,000
2530-2534	Art, antiques and decorative ware	I006	75	871,978,524	0	20,500
2540-2680	Household equipment	I010	671	7,753,657,279	0	20,630
2540-2590	Household appliances	I011	304	3,514,827,821	0	12,075

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
2600-2680	Other household tools, equipment and accessories	I027TOT	367	4,238,829,458	0	20,600
2690-2710	Maintenance and repairs of furniture and equipment	I042	55	640,787,425	0	4,800
2720-2730	Services related to furnishings and equipment	I046	35	409,532,396	0	3,700
<b>CLOTHING</b>						
2800-2975	Clothing	J001	2,277	26,309,223,817	0	41,500
2800-2840	Women's and Girls' wear (4 years and over)	J002	1,154	13,330,918,050	0	31,000
2840	Clothing gifts to non-household members	J007	125	1,442,768,767	0	9,000
2850-2890	Men's and Boys' wear (4 years and over)	J008	864	9,978,075,274	0	20,000
2890	Clothing gifts to non-household members	J013	90	1,041,386,805	0	5,000
2900-2920	Children's wear (under 4 years)	J014	85	985,119,542	0	5,200
2920	Clothing gifts to non-household members	J017	46	531,347,394	0	5,000
2950-2960	Clothing material and notions	J019TOT	31	353,781,996	0	5,000
2970-2975	Services	J021	144	1,661,328,955	0	4,600
2972-2974	Laundry and dry-cleaning service, laundromats and self-service dry-cleaning	J023TOT	117	1,356,895,443	0	4,000
<b>TRANSPORTATION</b>						
3000-3260	Transportation	K001	6,767	78,180,609,207	-25,155	118,439
3000-3130	Private transportation	K002	6,162	71,192,678,104	-27,205	117,191
3000-3004	Purchase of automobiles and trucks	K003	2,374	27,424,763,266	-30,000	102,200
3010	Purchase of automotive accessories	K007	26	297,435,933	0	7,500
3020-3040	Rented and leased automobiles and trucks	K008	489	5,654,590,019	0	36,168
3050-3130	Operation of owned and leased automobiles and trucks	K019	3,273	37,815,888,886	0	29,407
3050	Gasoline and other fuels	K020	1,406	16,243,217,778	0	16,900
3070	Maintenance and repair	K022	474	5,478,428,893	0	10,265
3080-3082	Garage rent and parking	K023	62	714,399,299	0	3,640
3110	Private and public vehicle insurance premiums	K028	789	9,120,492,645	0	14,000
3200-3260	Public transportation	K031	605	6,987,931,103	0	22,806
3200-3210	Local and commuter transportation	K032TOT	209	2,410,873,770	0	7,200
3220-3240	Inter-city transportation	K034TOT	325	3,758,093,793	0	20,000
3250	Other passenger transportation	K037	36	417,186,935	0	6,000
3260	Household moving, storage and delivery services	K038	35	401,776,605	0	22,000
<b>HEALTH CARE</b>						
3300-3384	Health care	L101	1,233	14,239,664,838	0	48,933
3300-3362	Direct costs to household	L102	875	10,107,660,134	0	48,525
3300	Health care supplies	L103	30	344,913,694	0	5,450
3310-3312	Medicinal and pharmaceutical products	L104	343	3,959,114,419	0	47,125
3310	Prescribed	L105	201	2,324,009,516	0	19,740

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
3312	Other medicines and pharmaceutical products	L106	142	1,635,104,903	0	45,625
3320	Physicians' care	L107	13	153,665,120	0	10,000
3330-3334	Eye-care goods and services	L108	149	1,718,695,034	0	5,150
3340	Dental services	L112	248	2,869,658,566	0	20,000
3350	Hospital care	L114	6	74,523,419	0	9,308
3360	Other health care practitioners	L116	60	688,525,548	0	21,000
3362	Other medical services	L117	26	298,564,334	0	30,000
3370-3384	Health insurance premiums	L118	358	4,132,004,704	0	9,564
3370	Public hospital, medical and drug plans	L119	110	1,266,976,046	0	3,204
3380-3384	Private health insurance plans	L120	248	2,865,028,658	0	9,564
	<b>PERSONAL CARE</b>					
3500-3580	Personal care	L201	694	8,019,938,973	0	9,984
3530-3560	Personal care supplies and equipment	L202	330	3,811,015,409	0	4,890
3570-3580	Personal care services	L207	364	4,208,923,564	0	8,904
	<b>RECREATION</b>					
3700-4190	Recreation	M101	2,908	33,601,492,554	-30,360	114,761
3700-3830	Recreation equipment and associated services	M102	912	10,531,246,230	0	27,450
3700	Sports and athletic equipment	M103	132	1,519,808,734	0	8,000
3720-3740	Toys, electronic games and art/hobby material	M106TOT	182	2,100,470,695	0	7,000
3750-3760	Computer equipment and supplies	M110	318	3,677,728,588	0	25,650
3770-3774	Photographic goods and services	M116	141	1,634,015,555	0	6,000
3900-3980	Recreation vehicles and associated services	M126	452	5,219,580,096	-36,210	113,250
3900-3918	Purchase of recreation vehicles	M127	296	3,415,252,363	-36,480	109,000
3900	Bicycles, parts and accessories	M128	37	430,205,552	0	5,500
3910-3918	Other recreational vehicles and outboard motors	M129	258	2,985,046,811	-36,500	109,000
3950-3980	Operation of recreational vehicles	M139	156	1,804,327,733	0	32,420
3950	Bicycle maintenance and repairs	M140	6	64,563,740	0	2,000
3960	Expenses for rented and leased recreational vehicles	M142TOT	10	116,339,141	0	25,200
3970-3980	Other recreation vehicle operation	M180	141	1,623,424,852	0	27,002
4000-4070	Home entertainment equipment and services	M148	500	5,773,469,926	0	21,260
4000	Audio (e.g., radio, CD players, speakers)	M150	86	996,611,582	0	10,000
4010	Compact discs, tapes, videos and video discs	M151	124	1,430,613,437	0	19,760
4020	Blank audio and video tapes	M152	15	170,339,214	0	1,000
4030	Televisions, VCRs, camcorders and other television/video component	M153	133	1,542,192,203	0	8,000
4050	Rental of videotapes and video discs	M156	99	1,146,592,514	0	3,360
4060	Rental of home entertainment equipment and other services	M157	3	34,906,901	0	4,080
4100-4190	Recreation services	M159	1,045	12,077,196,302	0	36,144

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
4100-4140	Entertainment	M160	550	6,357,798,148	0	9,838
4100	Movie theatres	M161	89	1,026,982,570	0	4,160
4110	Live sports events	M162	39	446,604,227	0	9,000
4120	Live performing arts	M163	65	747,974,500	0	3,122
4130	Admission to museums and other activities	M165	32	368,653,343	0	2,550
4140	Rental of cablevision and satellite services	M166	326	3,767,583,508	0	2,700
4150-4170	Use of recreation facilities	M167	232	2,684,533,722	0	10,000
4150	Membership fees for sports and recreation facilities	M169	144	1,658,944,110	0	10,000
4160	Single use fees for sports and recreation facilities	M171	56	641,635,748	0	6,640
4170	Children's camps	M164	25	290,799,835	0	6,200
4180	Package travel tours	M172	249	2,871,517,074	0	35,000
4190	Other recreational services	M173	14	163,347,358	0	6,000
	<b>READING MATERIALS AND OTHER PRINTED MATTER</b>					
4300-4340	Reading materials and other printed matter	M201	270	3,118,223,148	0	7,088
4300	Newspapers	M202	104	1,206,078,866	0	2,191
4310	Magazines and periodicals	M203	61	700,842,777	0	2,000
4320	Books and pamphlets (excluding school books)	M204	88	1,011,837,162	0	5,210
	<b>EDUCATION</b>					
4400-4470	Education	M301	762	8,797,839,544	0	37,500
4400-4430	Education supplies and textbooks	M302TOT	135	1,560,619,856	0	7,850
4440-4450	Tuition fees	M308	536	6,197,604,595	0	31,200
	<b>TOBACCO PRODUCTS AND ALCOHOLIC BEVERAGES</b>					
4500-4540	Tobacco products and alcoholic beverages	N101	1,165	13,457,507,023	0	30,910
4500-4510	Tobacco products and smokers' supplies	N102	540	6,240,946,825	0	13,100
4500	Cigarettes, cigars and tobacco	N103	533	6,155,716,722	0	13,000
4520-4540	Alcoholic beverages	N105	625	7,216,560,198	0	23,430
4520	Served on licensed premises	N106	218	2,524,041,798	0	20,800
4530	Purchased from stores	N107	384	4,432,061,751	0	10,400
4540	Self-made alcoholic beverages	N108	23	260,456,649	0	3,474
	<b>OTHER EXPENSES</b>					
4600-4720	Miscellaneous expenditures	O101	853	9,857,018,859	0	143,700
4630-4660	Financial services	O104	274	3,166,603,644	0	55,350
4670	Dues to unions and professional associations	O109	187	2,160,602,337	0	14,000
4800-4840	Games of chance (net)	N201	259	2,995,654,699	0	55,270
4900-4930	Personal taxes	O201	11,467	132,481,264,172	-19,980	3,500,500
5000-5084	Personal insurance payments and pension contributions	O301	2,772	32,028,891,827	0	802,181
5000-5060	Life insurance premiums, annuity contracts and transfers to RRIFs	O302TOT	455	5,254,100,192	0	800,000

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
5070	Employment insurance premiums	O304	741	8,555,863,429	0	4,144
5080-5084	Retirement and pension fund payments	O305	1,577	18,218,928,206	0	34,187
5080	Canada and Quebec pension plan	O306	998	11,524,504,217	0	7,119
5082	Other government pension funds	O307	229	2,643,813,541	0	24,000
5084	Other retirement or pension funds (excluding RRSP)	O308	351	4,050,610,448	0	33,000
5200-5230	Gifts of money and contributions	O401	1,300	15,017,176,621	0	556,400
5205	Gifts of money and other support payments to persons living inside Canada	O403	578	6,673,476,820	0	500,000
5210	Gifts of money and other support payments to persons living outside Canada	O404	98	1,128,493,683	0	40,600
5220	Religious organizations	O406	241	2,779,051,419	0	27,700
5230	Non-religious charitable organizations	O407	165	1,902,635,621	0	64,000
1000-5230	Total expenditure	TOTEXPEN	52,583	607,499,151,780	647	3,685,028
1000-4840	Total current consumption	TOTCUCON	37,043	427,971,819,160	577	260,147

**Part 2 of 3**  
**Averages, Aggregates, Minimum and Maximum Values**  
**Public-use Microdata File B SHS 1999**  
**(Full-year Households)**

100	Number of households in sample	16,631
101	Estimated number of households	11,210,233

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
	Purchase price of home bought in reference year	PURPRICE	5,322	59,662,307,000	0	650,000
	Selling price of home sold in reference year	SELPRICE	2,743	30,745,799,500	0	390,000
	Additions, renovations and alterations	ADRENALT	924	10,360,758,466	0	200,000
	New installations of equipment and fixtures	NEWINST	88	983,728,736	0	16,000
	Income of reference person before taxes	RPINCTOT	31,810	356,592,625,700	-42,000	1,000,000
	Income of reference person from earnings	RPINCEAR	23,608	264,651,069,900	-42,000	650,000
	Income of reference person from investment	RPINCINV	1,310	14,688,922,200	-25,000	230,000
	Income of reference person from government transfer payments	RPINCTRA	4,215	47,248,856,200	0	200,000
	Income of reference person from other sources	RPINCOTH	2,691	30,166,577,300	0	640,000
	Income of spouse before taxes	SPINCTOT	17,127	191,992,075,400	-5,000	4,600,000
	Income of spouse from earnings	SPINCEAR	14,599	163,660,554,300	-11,000	4,500,000
	Income of spouse from investment	SPINCINV	414	4,643,497,000	-16,000	250,000
	Income of spouse from government transfer payments	SPINCTRA	1,448	16,234,761,600	0	56,000
	Income of spouse from other sources	SPINCOTH	668	7,487,727,300	0	200,000
176	Household income before taxes	HHINCTOT	54,259	608,260,797,215	-5,416	4,578,000
	Household income from earnings	HHINCEAR	42,630	477,892,644,306	-25,000	4,518,000
	Household income from investment	HHINCINV	1,789	20,060,204,796	-25,000	300,000
	Household income from government transfer payments	HHINCTRA	6,272	70,305,378,458	0	201,991
	Household income from other sources	HHINCOTH	3,568	40,002,569,655	0	640,000
178	Total other money receipts	OTHMONRE	1,675	18,773,272,446	0	1,400,000
180	Money flows (assets, loans and other debts)	MONFLOWS	2,733	30,636,946,187	-783,000	1,570,500
	Registered Retirement Savings Plan (RRSP) change	RRSPCHNG	1,494	16,743,147,216	-783,000	640,000
	<b>FOOD</b>					
1000-1560	Food	F001	6,102	68,404,951,527	1	44,640
1000-1520	Food purchased from stores	F002	4,753	53,286,618,766	1	40,640
1560	Food purchased from restaurants	F008	1,318	14,774,735,911	0	30,300
	<b>SHELTER</b>					
2000-2052	Shelter	G001	10,236	114,747,873,632	0	80,375
2000-2034	Principal accommodation	G002	9,695	108,683,655,697	0	78,075
2000-2002	Rented living quarters	G003	2,444	27,393,698,243	0	33,000
2000	Rent	G004	2,379	26,666,508,670	0	33,000

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
2010-2028	Owned living quarters	G007	5,688	63,764,970,994	0	72,975
2010	Regular mortgage payments	G040	3,362	37,691,271,762	0	67,200
2011	Maintenance, repairs and replacements	G008	421	4,723,911,861	0	22,000
2012	Condominium charges	G009	100	1,118,381,897	0	10,836
2014	Property taxes	G010	1,208	13,544,345,056	0	13,500
2016	Homeowners' insurance premiums	G011	286	3,203,470,799	0	4,320
2030-2034	Water, fuel and electricity	G019	1,563	17,524,986,460	0	13,000
2030	Water and sewage	G020	166	1,859,547,122	0	4,200
2032	Fuel (e.g., oil, gas)	G022	481	5,386,861,188	0	6,000
2034	Electricity	G024	917	10,278,578,150	0	9,600
2040-2052	Other accommodation	G025	541	6,064,217,935	0	51,398
2040-2048	Owned vacation home	G026	171	1,916,265,024	0	51,398
2050-2052	Traveller accommodation	G032	370	4,147,952,911	0	26,425
	<b>HOUSEHOLD OPERATION</b>					
2200-2380	Household operation	H001	2,406	26,977,045,896	0	37,432
2200-2230	Communications	H002	973	10,905,164,689	0	12,750
2200-2204	Telephone	H003	720	8,072,157,916	0	9,000
2200	Purchase of telephones and equipment	H004	30	336,720,570	0	1,900
2202-2204	Telephone services	H005	690	7,735,437,346	0	9,000
2210	Cellular services	H008	129	1,448,941,480	0	6,313
2220	Internet services	H009	71	798,405,319	0	3,600
2230	Postal and other communication services	H010	52	585,659,974	0	3,500
2240-2244	Child care expenses	H011	316	3,548,014,099	0	23,500
2260	Domestic and other custodial services	H016	102	1,147,830,507	0	33,600
2270-2300	Pet expenses	H017	277	3,108,468,584	0	19,870
2310	Household cleaning supplies	H022	219	2,455,743,210	0	3,120
2320-2330	Paper, plastic and foil household supplies	H023	238	2,669,959,852	0	4,800
2340-2370	Garden supplies and services	H026	219	2,451,618,756	0	7,500
	<b>HOUSEHOLD FURNISHINGS AND EQUIPMENT</b>					
2500-2730	Household furnishings and equipment	I001	1,471	16,487,041,520	0	69,320
2500-2534	Household furnishings	I002	701	7,854,990,724	0	65,000
2500	Furniture	I003	459	5,148,004,819	0	44,200
2510	Rugs, mats and underpadding	I004	32	358,432,196	0	12,000
2520	Window coverings and household textiles	I005	133	1,490,329,081	0	35,000
2530-2534	Art, antiques and decorative ware	I006	77	858,224,628	0	20,500
2540-2680	Household equipment	I010	677	7,589,081,599	0	20,630
2540-2590	Household appliances	I011	305	3,417,275,104	0	12,075
2600-2680	Other household tools, equipment and accessories	I027TOT	372	4,171,806,495	0	20,600
2690-2710	Maintenance and repairs of furniture and equipment	I042	57	637,505,189	0	4,800
2720-2730	Services related to furnishings and equipment	I046	36	405,464,008	0	3,700

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
	<b>CLOTHING</b>					
2800-2975	Clothing	J001	2,319	26,000,699,278	0	41,500
2800-2840	Women's and Girls' wear (4 years and over)	J002	1,177	13,189,398,169	0	31,000
2840	Clothing gifts to non-household members	J007	127	1,421,276,888	0	9,000
2850-2890	Men's and Boys' wear (4 years and over)	J008	879	9,853,166,718	0	20,000
2890	Clothing gifts to non-household members	J013	91	1,021,651,093	0	5,000
2900-2920	Children's wear (under 4 years)	J014	87	974,645,223	0	5,200
2920	Clothing gifts to non-household members	J017	47	524,196,404	0	5,000
2950-2960	Clothing material and notions	J019TOT	31	351,451,156	0	5,000
2970-2975	Services	J021	146	1,632,038,012	0	4,600
2972-2974	Laundry and dry-cleaning service, laundromats and self-service dry-cleaning	J023TOT	119	1,331,379,407	0	4,000
	<b>TRANSPORTATION</b>					
3000-3260	Transportation	K001	6,868	76,988,478,054	-25,155	118,439
3000-3130	Private transportation	K002	6,262	70,201,490,026	-27,205	117,191
3000-3004	Purchase of automobiles and trucks	K003	2,392	26,813,757,973	-30,000	102,200
3010	Purchase of automotive accessories	K007	26	292,116,339	0	7,500
3020-3040	Rented and leased automobiles and trucks	K008	501	5,615,963,104	0	36,168
3050-3130	Operation of owned and leased automobiles and trucks	K019	3,343	37,479,652,610	0	29,407
3050	Gasoline and other fuels	K020	1,438	16,123,122,178	0	16,900
3070	Maintenance and repair	K022	484	5,423,821,280	0	10,265
3080-3082	Garage rent and parking	K023	63	704,729,966	0	3,640
3110	Private and public vehicle insurance premiums	K028	806	9,038,144,009	0	14,000
3200-3260	Public transportation	K031	605	6,786,988,028	0	22,806
3200-3210	Local and commuter transportation	K032TOT	209	2,342,838,008	0	7,200
3220-3240	Inter-city transportation	K034TOT	328	3,679,655,446	0	20,000
3250	Other passenger transportation	K037	37	412,459,214	0	6,000
3260	Household moving, storage and delivery services	K038	31	352,035,360	0	22,000
	<b>HEALTH CARE</b>					
3300-3384	Health care	L101	1,259	14,119,134,504	0	48,933
3300-3362	Direct costs to household	L102	894	10,021,133,326	0	48,525
3300	Health care supplies	L103	31	343,204,146	0	5,450
3310-3312	Medicinal and pharmaceutical products	L104	349	3,915,606,978	0	47,125
3310	Prescribed	L105	206	2,304,656,545	0	19,740
3312	Other medicines and pharmaceutical products	L106	144	1,610,950,433	0	45,625
3320	Physicians' care	L107	14	152,719,585	0	10,000
3360	Other health care practitioners	L108	61	682,269,012	0	21,000
3330-3334	Eye-care goods and services	L112	152	1,700,617,895	0	5,150
3340	Dental services	L114	255	2,854,903,786	0	20,000
3350	Hospital care	L116	7	74,091,729	0	9,308

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
3362	Other medical services	L117	27	297,720,195	0	30,000
3370-3384	Health insurance premiums	L118	366	4,098,001,178	0	9,564
3370	Public hospital, medical and drug plans	L119	112	1,253,117,539	0	3,204
3380-3384	Private health insurance plans	L120	254	2,844,883,639	0	9,564
	<b>PERSONAL CARE</b>					
3500-3580	Personal care	L201	707	7,927,350,006	0	9,984
3530-3560	Personal care supplies and equipment	L202	335	3,758,699,240	0	4,890
3570-3580	Personal care services	L207	372	4,168,650,766	0	8,904
	<b>RECREATION</b>					
3700-4190	Recreation	M101	2,962	33,199,975,518	-30,360	114,761
3700-3830	Recreation equipment and associated services	M102	926	10,381,433,538	0	27,450
3700	Sports and athletic equipment	M103	134	1,504,290,957	0	8,000
3720-3740	Toys, electronic games and art/hobby material	M106TOT	185	2,074,693,667	0	7,000
3750-3760	Computer equipment and supplies	M110	322	3,611,980,565	0	25,650
3770-3774	Photographic goods and services	M116	144	1,609,635,444	0	6,000
3900-3980	Recreation vehicles and associated services	M126	464	5,199,595,318	-36,210	113,250
3900-3918	Purchase of recreation vehicles	M127	304	3,407,733,712	-36,480	109,000
3900	Bicycles, parts and accessories	M128	38	424,882,476	0	5,500
3910-3918	Other recreational vehicles and outboard motors	M129	266	2,982,851,236	-36,500	109,000
3950-3980	Operation of recreational vehicles	M139	160	1,791,861,606	0	32,420
3950	Bicycle maintenance and repairs	M140	6	63,512,458	0	2,000
3960	Expenses for rented and leased recreational vehicles	M142TOT	10	116,226,924	0	25,200
3970-3980	Other recreation vehicle operation	M180	144	1,612,122,224	0	27,002
4000-4070	Home entertainment equipment and services	M148	504	5,645,948,861	0	21,260
4000	Audio (e.g., radio, CD players, speakers)	M150	87	976,220,193	0	10,000
4010	Compact discs, tapes, videos and video discs	M151	126	1,408,485,977	0	19,760
4020	Blank audio and video tapes	M152	15	166,618,272	0	1,000
4030	Televisions, VCRs, camcorders and other television/video component	M153	133	1,489,945,123	0	8,000
4050	Rental of videotapes and video discs	M156	100	1,125,685,209	0	3,360
4060	Rental of home entertainment equipment and other services	M157	3	31,791,123	0	4,080
4100-4190	Recreation services	M159	1,068	11,972,997,801	0	36,144
4100-4140	Entertainment	M160	561	6,290,959,784	0	9,838
4100	Movie theatres	M161	90	1,009,011,999	0	4,160
4110	Live sports events	M162	39	442,174,258	0	9,000
4120	Live performing arts	M163	66	737,825,939	0	3,122
4130	Admission to museums and other activities	M165	33	365,943,075	0	2,550
4140	Rental of cablevision and satellite services	M166	333	3,736,004,513	0	2,700

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
4150-4170	Use of recreation facilities	M167	237	2,654,645,190	0	10,000
4150	Membership fees for sports and recreation facilities	M169	146	1,638,533,605	0	10,000
4160	Single use fees for sports and recreation facilities	M171	57	634,922,591	0	6,640
4170	Children's camps	M164	26	289,891,555	0	6,200
4180	Package travel tours	M172	256	2,864,971,069	0	35,000
4190	Other recreational services	M173	14	162,421,758	0	6,000
	<b>READING MATERIALS AND OTHER PRINTED MATTER</b>					
4300-4340	Reading materials and other printed matter	M201	275	3,083,240,566	0	7,088
4300	Newspapers	M202	107	1,197,044,638	0	2,191
4310	Magazines and periodicals	M203	62	694,267,603	0	2,000
4320	Books and pamphlets (excluding school books)	M204	89	996,760,903	0	5,210
	<b>EDUCATION</b>					
4400-4470	Education	M301	762	8,537,598,107	0	37,500
4400-4430	Education supplies and textbooks	M302TOT	136	1,526,264,290	0	7,850
4440-4450	Tuition fees	M308	533	5,977,757,842	0	31,200
	<b>PRODUCTS AND ALCOHOLIC BEVERAGES</b>					
4500-4540	Tobacco products and alcoholic beverages	N101	1,181	13,238,759,473	0	30,910
4500-4510	Tobacco products and smokers' supplies	N102	548	6,145,901,005	0	13,100
4500	Cigarettes, cigars and tobacco	N103	541	6,062,047,415	0	13,000
4520-4540	Alcoholic beverages	N105	633	7,092,858,468	0	23,430
4520	Served on licensed premises	N106	219	2,460,328,100	0	20,800
4530	Purchased from stores	N107	390	4,372,641,288	0	10,400
4540	Self-made alcoholic beverages	N108	23	259,889,080	0	3,474
	<b>MISCELLANEOUS EXPENDITURES</b>					
4600-4720	Miscellaneous expenditures	O101	868	9,725,581,859	0	143,700
4630-4660	Financial services	O104	279	3,131,305,123	0	55,350
4670	Dues to unions and professional associations	O109	191	2,140,784,458	0	14,000
4800-4840	Games of chance (net)	N201	266	2,977,591,128	0	55,270
4900-4930	Personal taxes	O201	11,756	131,788,930,900	-19,980	3,500,500
5000-5084	Personal insurance payments and pension contributions	O301	2,836	31,796,926,306	0	802,181
5000-5060	Life insurance premiums, annuity contracts and transfers to RRIFs	O302TOT	466	5,226,223,336	0	800,000
5070	Employment insurance premiums	O304	757	8,481,951,328	0	4,144
5080-5084	Retirement and pension fund payments	O305	1,614	18,088,751,642	0	34,187
5080	Canada and Quebec pension plan	O306	1,019	11,427,733,389	0	7,119
5082	Other government pension funds	O307	234	2,627,622,250	0	24,000
5084	Other retirement or pension funds (excluding RRSP)	O308	360	4,033,396,003	0	33,000
5200-5230	Gifts of money and contributions	O401	1,331	14,917,126,157	0	556,400

Pub. stub no.		Variable Name	Average	Aggregate	Minimum	Maximum
5205	Gifts of money and other support payments to persons living inside Canada	O403	594	6,655,602,825	0	500,000
5210	Gifts of money and other support payments to persons living outside Canada	O404	99	1,106,631,708	0	40,600
5220	Religious organizations	O406	247	2,767,524,721	0	27,700
5230	Non-religious charitable organizations	O407	169	1,894,093,027	0	64,000
1000-5230	Total expenditure	TOTEXPEN	53,604	600,918,304,431	1,180	3,685,028
1000-4840	Total current consumption	TOTCUCON	37,681	422,415,321,068	1,053	260,147

**Part 3 of 3**  
**Averages and Aggregates**  
**Unsuppressed Survey File B SHS 1999**  
**(Full-year and Part-year Households)**

100	Number of households in sample	17,205	16,631
101	Estimated number of households	11,552,977	11,209,957

Pub. stub no.		Variable Name	Full-year and Part-year		Full-year ONLY	
			Ave- rage	Aggregate	Ave- rage	Aggregate
	Purchase price of home bought in reference year	PURPRICE	5,495	63,480,982,493	5,306	59,477,262,460
	Selling price of home sold in reference year	SELPRICE	-2,717	-31,386,211,242	-2,709	-30,372,372,242
	Additions, renovations and alterations	ADRENALT	912	10,533,180,029	936	10,492,794,909
	New installations of equipment and fixtures	NEWINST	88	1,011,071,892	88	986,250,492
	Income of reference person before taxes	RPINCTOT	31,251	361,036,883,937	31,873	357,291,888,973
	Income of reference person from earnings	RPINCEAR	23,149	267,436,827,183	23,605	264,606,472,130
	Income of reference person from investment	RPINCINV	1,283	14,824,288,684	1,311	14,690,834,673
	Income of reference person from government transfer payments	RPINCTRA	4,152	47,973,147,101	4,227	47,384,953,046
	Income of reference person from other sources	RPINCOTH	2,666	30,802,620,969	2,731	30,609,629,124
	Income of spouse before taxes	SPINCTOT	16,401	189,476,334,479	16,859	188,986,343,546
	Income of spouse from earnings	SPINCEAR	13,959	161,262,897,409	14,348	160,837,903,361
	Income of spouse from investment	SPINCINV	400	4,619,891,909	412	4,618,431,555
	Income of spouse from government transfer payments	SPINCTRA	1,408	16,264,846,661	1,447	16,218,859,164
	Income of spouse from other sources	SPINCOTH	634	7,328,698,500	652	7,311,149,466
176	Household income before taxes	HHINCTOT	52,841	610,476,521,510	54,043	605,815,639,573
	Household income from earnings	HHINCEAR	41,461	478,993,057,441	42,411	475,425,503,255
	Household income from investment	HHINCINV	1,744	20,153,997,345	1,786	20,017,372,202
	Household income from government transfer payments	HHINCTRA	6,160	71,163,446,542	6,284	70,442,123,813
	Household income from other sources	HHINCOTH	3,477	40,166,020,182	3,562	39,930,640,303
178	Total other money receipts	OTHMONRE	1,728	19,966,175,999	1,756	19,680,940,659
180	Money flows (assets, loans and other debts)	MONFLOWS	2,522	29,136,698,412	2,727	30,568,847,001
	Registered Retirement Savings Plan (RRSP) change	RRSPCHNG	1,497	17,300,137,447	1,546	17,328,097,900
	<b>FOOD</b>					
1000-1560	Food	F001	5,979	69,070,252,539	6,101	68,394,464,776
1000-1520	Food purchased from stores	F002	4,654	53,762,810,281	4,753	53,280,952,405
1560	Food purchased from restaurants	F008	1,295	14,966,204,221	1,318	14,775,792,851

Pub. stub no.		Variable Name	Full-year and Part-year		Full-year ONLY	
			Average	Aggregate	Average	Aggregate
	<b>SHELTER</b>					
2000-2052	Shelter	G001	10,062	116,242,435,943	10,243	114,828,924,673
2000-2034	Principal accommodation	G002	9,532	110,120,764,570	9,701	108,751,941,626
2000-2002	Rented living quarters	G003	2,446	28,259,740,368	2,442	27,369,359,844
2000	Rent	G004	2,380	27,496,680,304	2,377	26,642,799,912
2010-2028	Owned living quarters	G007	5,560	64,236,690,170	5,697	63,863,355,640
2010	Regular mortgage payments	G040	3,279	37,884,113,386	3,367	37,740,651,916
2011	Maintenance, repairs and replacements	G008	414	4,787,664,905	424	4,750,908,294
2012	Condominium charges	G009	98	1,129,417,615	100	1,118,927,428
2014	Property taxes	G010	1,179	13,615,185,484	1,211	13,573,901,741
2016	Homeowners' insurance premiums	G011	279	3,218,093,158	286	3,203,586,541
2030-2034	Water, fuel and electricity	G019	1,526	17,624,334,032	1,563	17,519,226,143
2030	Water and sewage	G020	162	1,870,124,672	166	1,861,093,813
2032	Fuel (e.g., oil, gas)	G022	468	5,408,818,839	480	5,383,107,582
2034	Electricity	G024	895	10,345,390,521	917	10,275,024,748
2040-2052	Other accommodation	G025	530	6,121,671,373	542	6,076,983,047
2040-2048	Owned vacation home	G026	167	1,926,146,906	171	1,918,596,603
2050-2052	Traveller accommodation	G032	363	4,195,524,467	371	4,158,386,444
	<b>HOUSEHOLD OPERATION</b>					
2200-2380	Household operation	H001	2,366	27,335,491,214	2,414	27,055,774,845
2200-2230	Communications	H002	958	11,070,303,996	973	10,909,127,540
2200-2204	Telephone	H003	709	8,194,924,836	720	8,067,886,739
2200	Purchase of telephones and equipment	H004	30	346,839,684	30	336,373,528
2202-2204	Telephone services	H005	679	7,848,085,152	690	7,731,513,211
2210	Cellular services	H008	127	1,472,536,457	130	1,457,538,783
2220	Internet services	H009	70	807,492,193	71	798,160,534
2230	Postal and other communication services	H010	52	595,350,510	52	585,541,484
2240-2244	Child care expenses	H011	309	3,567,846,197	317	3,552,030,925
2260	Domestic and other custodial services	H016	106	1,219,765,964	109	1,216,990,479
2270-2300	Pet expenses	H017	271	3,129,612,088	277	3,108,510,403
2310	Household cleaning supplies	H022	215	2,483,251,603	219	2,457,176,257
2320-2330	Paper, plastic and foil household supplies	H023	234	2,702,263,777	238	2,669,042,575
2340-2370	Garden supplies and services	H026	213	2,463,287,903	219	2,452,101,002
	<b>HOUSEHOLD FURNISHINGS AND EQUIPMENT</b>					
2500-2730	Household furnishings and equipment	I001	1,469	16,966,185,722	1,477	16,557,467,201
2500-2534	Household furnishings	I002	705	8,146,947,263	706	7,910,155,046
2500	Furniture	I003	462	5,341,872,034	460	5,161,497,670
2510	Rugs, mats and underpadding	I004	32	368,180,551	32	360,352,827
2520	Window coverings and household textiles	I005	135	1,560,889,148	136	1,526,052,915
2530-2534	Art, antiques and decorative ware	I006	76	876,005,530	77	862,251,634
2540-2680	Household equipment	I010	672	7,767,378,589	678	7,602,802,909

Pub. stub no.		Variable Name	Full-year and Part-year		Full-year ONLY	
			Ave- rage	Aggregate	Ave- rage	Aggregate
2540-2590	Household appliances	I011	305	3,526,148,492	306	3,428,595,775
2600-2680	Other household tools, equipment and accessories	I027TOT	367	4,241,230,097	372	4,174,207,134
2690-2710	Maintenance and repairs of furniture and equipment	I042	55	640,411,120	57	637,128,884
2720-2730	Services related to furnishings and equipment	I046	36	411,448,750	36	407,380,362
	<b>CLOTHING</b>					
2800-2975	Clothing	J001	2,283	26,373,567,443	2,325	26,065,042,904
2800-2840	Women's and Girls' wear (4 years and over)	J002	1,158	13,375,103,755	1,181	13,233,583,874
2840	Clothing gifts to non-household members	J007	125	1,447,271,818	127	1,425,779,939
2850-2890	Men's and Boys' wear (4 years and over)	J008	865	9,993,582,045	880	9,868,673,489
2890	Clothing gifts to non-household members	J013	91	1,046,021,538	92	1,026,285,826
2900-2920	Children's wear (under 4 years)	J014	85	985,631,378	87	975,157,059
2920	Clothing gifts to non-household members	J017	46	532,221,364	47	525,070,374
2950-2960	Clothing material and notions	J019TOT	31	352,767,055	31	350,436,215
2970-2975	Services	J021	144	1,666,483,210	146	1,637,192,267
2972-2974	Laundry and dry-cleaning service, laundromats and self-service dry-cleaning	J023TOT	118	1,361,297,266	119	1,335,781,230
	<b>TRANSPORTATION</b>					
3000-3260	Transportation	K001	6,776	78,285,218,182	6,877	77,093,087,028
3000-3130	Private transportation	K002	6,173	71,312,940,549	6,273	70,321,752,470
3000-3004	Purchase of automobiles and trucks	K003	2,381	27,503,624,595	2,399	26,892,619,302
3010	Purchase of automotive accessories	K007	26	297,692,896	26	292,373,302
3020-3040	Rented and leased automobiles and trucks	K008	490	5,665,313,216	502	5,626,686,301
3050-3130	Operation of owned and leased automobiles and trucks	K019	3,276	37,846,309,841	3,346	37,510,073,565
3050	Gasoline and other fuels	K020	1,406	16,248,184,981	1,439	16,128,089,381
3070	Maintenance and repair	K022	475	5,485,342,951	484	5,430,735,339
3080-3082	Garage rent and parking	K023	62	715,227,641	63	705,558,308
3110	Private and public vehicle insurance premiums	K028	791	9,134,947,877	808	9,052,599,242
3200-3260	Public transportation	K031	604	6,972,277,633	604	6,771,334,558
3200-3210	Local and commuter transportation	K032TOT	209	2,415,029,167	209	2,346,993,405
3220-3240	Inter-city transportation	K034TOT	324	3,740,096,874	327	3,661,658,527
3250	Other passenger transportation	K037	36	417,784,697	37	413,056,976
3260	Household moving, storage and delivery services	K038	35	399,366,895	31	349,625,650
	<b>HEALTH CARE</b>					
3300-3384	Health care	L101	1,236	14,282,981,502	1,263	14,162,451,168
3300-3362	Direct costs to household	L102	879	10,154,610,304	898	10,068,083,496
3300	Health care supplies	L103	30	344,673,192	31	342,963,644
3310-3312	Medicinal and pharmaceutical products	L104	344	3,969,633,336	350	3,926,125,895

Pub. stub no.		Variable Name	Full-year and Part-year		Full-year ONLY	
			Ave- rage	Aggregate	Ave- rage	Aggregate
3310	Prescribed	L105	201	2,320,740,713	205	2,301,387,742
3312	Other medicines and pharmaceutical products	L106	143	1,648,892,623	145	1,624,738,153
3320	Physicians' care	L107	13	155,455,210	14	154,509,675
3330-3334	Eye-care goods and services	L108	149	1,720,442,640	152	1,702,365,501
3340	Dental services	L112	250	2,883,217,685	256	2,868,462,905
3350	Hospital care	L114	7	79,543,940	7	79,112,250
3360	Other health care practitioners	L116	63	723,044,763	64	716,788,227
3362	Other medical services	L117	24	278,599,538	25	277,755,399
3370-3384	Health insurance premiums	L118	357	4,128,371,198	365	4,094,367,672
3370	Public hospital, medical and drug plans	L119	110	1,267,482,264	112	1,253,623,757
3380-3384	Private health insurance plans	L120	248	2,860,888,934	253	2,840,743,915
	<b>PERSONAL CARE</b>					
3500-3580	Personal care	L201	695	8,029,019,247	708	7,936,430,280
3530-3560	Personal care supplies and equipment	L202	330	3,813,137,624	335	3,760,821,455
3570-3580	Personal care services	L207	365	4,215,881,623	372	4,175,608,825
	<b>RECREATION</b>					
3700-4190	Recreation	M101	2,909	33,605,375,740	2,962	33,203,858,704
3700-3830	Recreation equipment and associated services	M102	911	10,527,052,789	926	10,377,240,097
3700	Sports and athletic equipment	M103	132	1,522,402,199	134	1,506,884,422
3720-3740	Toys, electronic games and art/hobby material	M106TOT	182	2,104,081,797	185	2,078,304,769
3750-3760	Computer equipment and supplies	M110	318	3,674,189,647	322	3,608,441,624
3770-3774	Photographic goods and services	M116	142	1,636,958,329	144	1,612,578,218
3900-3980	Recreation vehicles and associated services	M126	451	5,211,789,821	463	5,191,805,043
3900-3918	Purchase of recreation vehicles	M127	294	3,391,165,624	302	3,383,646,973
3900	Bicycles, parts and accessories	M128	37	429,858,613	38	424,535,537
3910-3918	Other recreational vehicles and outboard motors	M129	256	2,961,307,011	264	2,959,111,436
3950-3980	Operation of recreational vehicles	M139	158	1,820,624,197	161	1,808,158,070
3950	Bicycle maintenance and repairs	M140	6	64,493,972	6	63,442,690
3970-3980	Other recreation vehicle operation	M142TOT	140	1,617,381,814	143	1,606,079,186
3960	Expenses for rented and leased recreational vehicles	M180	12	138,748,411	12	138,636,194
4000-4070	Home entertainment equipment and services	M148	500	5,771,203,274	503	5,643,682,209
4000	Audio (e.g., radio, CD players, speakers)	M150	86	992,556,516	87	972,165,127
4010	Compact discs, tapes, videos and video discs	M151	124	1,431,281,357	126	1,409,153,897
4020	Blank audio and video tapes	M152	15	170,179,101	15	166,458,159
4030	Televisions, VCRs, camcorders and other television/video component	M153	134	1,542,344,135	133	1,490,097,055
4050	Rental of videotapes and video discs	M156	99	1,147,413,100	100	1,126,505,795

Pub. stub no.		Variable Name	Full-year and Part-year		Full-year ONLY	
			Average	Aggregate	Average	Aggregate
4060	Rental of home entertainment equipment and other services	M157	3	34,163,016	3	31,047,238
4100-4190	Recreation services	M159	1,047	12,095,329,856	1,070	11,991,131,355
4100-4140	Entertainment	M160	550	6,357,753,163	561	6,290,914,799
4100	Movie theatres	M161	89	1,026,918,534	90	1,008,947,963
4110	Live sports events	M162	39	446,370,743	39	441,940,774
4120	Live performing arts	M163	65	749,763,814	66	739,615,253
4140	Rental of cablevision and satellite services	M165	326	3,766,078,051	333	3,734,499,056
4150-4170	Use of recreation facilities	M166	233	2,692,602,461	238	2,662,713,929
4150	Membership fees for sports and recreation facilities	M167	144	1,658,739,438	146	1,638,328,933
4160	Single use fees for sports and recreation facilities	M169	56	647,197,959	57	640,484,802
4170	Children's camps	M171	25	293,401,965	26	292,493,685
4130	Admission to museums and other activities	M164	32	368,622,021	33	365,911,753
4180	Package travel tours	M172	249	2,881,624,952	256	2,875,078,947
4190	Other recreational services	M173	14	163,349,280	14	162,423,680
	<b>READING MATERIALS AND OTHER PRINTED MATTER</b>					
4300-4340	Reading materials and other printed matter	M201	270	3,116,982,443	275	3,081,999,861
4300	Newspapers	M202	104	1,205,838,815	107	1,196,804,587
4310	Magazines and periodicals	M203	61	700,133,620	62	693,558,446
4320	Books and pamphlets (excluding school books)	M204	88	1,011,733,262	89	996,657,003
	<b>EDUCATION</b>					
4400-4470	Education	M301	762	8,801,004,175	762	8,540,762,738
4400-4430	Education supplies and textbooks	M302TOT	135	1,558,882,018	136	1,524,526,452
4440-4450	Tuition fees	M308	537	6,200,723,996	534	5,980,877,243
	<b>TOBACCO PRODUCTS AND ALCOHOLIC BEVERAGES</b>					
4500-4540	Tobacco products and alcoholic beverages	N101	1,165	13,459,996,354	1,181	13,241,248,804
4500-4510	Tobacco products and smokers' supplies	N102	540	6,235,107,969	548	6,140,062,149
4500	Cigarettes, cigars and tobacco	N103	532	6,150,018,882	540	6,056,349,575
4520-4540	Alcoholic beverages	N105	625	7,224,888,385	633	7,101,186,655
4520	Served on licensed premises	N106	219	2,525,161,182	220	2,461,447,484
4530	Purchased from stores	N107	384	4,438,444,182	391	4,379,023,719
4540	Self-made alcoholic beverages	N108	23	261,283,021	23	260,715,452
	<b>MISCELLANEOUS EXPENDITURES</b>					
4600-4720	Miscellaneous expenditures	O101	843	9,744,356,949	858	9,612,919,949
4630-4660	Financial services	O104	270	3,114,861,434	275	3,079,562,913
4670	Dues to unions and professional associations	O109	187	2,156,630,314	191	2,136,812,435
4800-4840	Games of chance (net)	N201	260	3,007,514,375	267	2,989,450,804
4900-4930	Personal taxes	O201	11,278	130,288,764,123	11,561	129,596,430,851

Pub. stub no.		Variable Name	Full-year and Part-year		Full-year ONLY	
			Average	Aggregate	Average	Aggregate
5000-5084	Personal insurance payments and pension contributions	O301	2,775	32,055,255,360	2,839	31,823,289,839
5000-5060	Life insurance premiums, annuity contracts and transfers to RRIFs	O302TOT	459	5,297,992,251	470	5,270,115,395
5070	Employment insurance premiums	O304	740	8,552,552,700	756	8,478,640,599
5080-5084	Retirement and pension fund payments	O305	1,576	18,204,710,409	1,612	18,074,533,845
5080	Canada and Quebec pension plan	O306	998	11,526,496,123	1,020	11,429,725,295
5082	Other government pension funds	O307	228	2,636,909,757	234	2,620,718,466
5084	Other retirement or pension funds (excluding RRSP)	O308	350	4,041,304,529	359	4,024,090,084
5200-5230	Gifts of money and contributions	O401	1,330	15,363,059,443	1,362	15,263,008,979
5205	Gifts of money and other support payments to persons living inside Canada	O403	604	6,980,335,070	621	6,962,461,075
5210	Gifts of money and other support payments to persons living outside Canada	O404	98	1,137,688,883	100	1,115,826,908
5220	Religious organizations	O406	240	2,773,998,814	246	2,762,472,116
5230	Non-religious charitable organizations	O407	164	1,897,200,998	168	1,888,658,404
1000-5230	Total expenditure	TOTEXPEN	52,456	606,027,460,753	53,474	599,446,613,404
1000-4840	Total current consumption	TOTCUCON	37,074	428,320,381,827	37,713	422,763,883,735

## APPENDIX C

### Inclusion of Spending Variables in Past Microdata Files

The v indicates the items that are included in the public-use microdata file for each reference year. Definitions may not be identical.

Description	1982	1984	1986	1990	1992	1996	1997	1998	1999
	Family Expenditure Survey						SHS		
Food	v	v	v	v	v	v	v	v	v
Food purchased from stores	v	v	v	v	v	v	v	v	v
Food purchased from restaurants, etc.	v	v	v	v	v	v	v	v	v
Shelter	v	v	v	v	v	v	v	v	v
Principal accommodation	v	v	v	v	v	v	v	v	v
Rented living quarters	v	v	v	v	v	v	v	v	v
Rent (amount paid)	v	v	v	v	v	v	v	v	v
Owned living quarters	v	v	v	v	v	v	v	v	v
Regular mortgage payments						v	v	v	v
Maintenance, repairs and replacements	v	v	v	v	v	v	v	v	v
Condominium charges						v	v	v	v
Property taxes	v	v	v	v	v	v	v	v	v
Homeowners' insurance premiums	v	v	v	v	v	v	v	v	v
Mortgage interest	v	v	v	v	v	v			
Water, fuel and electricity	v	v	v	v	v	v	v	v	v
Water and sewage						v	v	v	v
Fuels							v	v	v
Fuel oil and other liquid fuel	v	v	v	v	v	v			
Natural gas	v	v	v	v	v	v			
Other fuels	v	v	v	v	v	v			
Electricity	v	v	v	v	v	v	v	v	v
Other accommodation	v	v	v	v	v	v	v	v	v
Owned vacation home						v	v	v	v
Traveller accommodation	v	v	v	v	v	v	v	v	v
Household Operation	v	v	v	v	v	v	v	v	v
Communications	v	v	v	v	v	v	v	v	v
Telephone	v	v	v	v	v	v	v	v	v
Purchase of telephones, etc.							v	v	v
Telephone services				v	v	v	v	v	v
Basic charge		v	v	v	v	v			
Long distance toll charges		v	v	v	v	v			
Cellular services						v	v	v	v
Internet services						v	v	v	v
Postal and other communication services (excluding parcels)						v	v	v	v
Child care expenses	v	v	v	v	v	v	v	v	v
Domestic and other custodial services						v	v	v	v

Description	1982	1984	1986	1990	1992	1996	1997	1998	1999
	Family Expenditure Survey						SHS		
Pet expenses	v	v	v	v	v	v	v	v	v
Household cleaning supplies	v	v	v	v	v	v	v	v	v
Paper, plastic and foil household supplies	v	v	v	v	v	v		v	v
Garden supplies and services (excluding tools)					v	v	v	v	v
Household furnishings and equipment	v	v	v	v	v	v	v	v	v
Household furnishings	v	v	v	v	v	v	v	v	v
Furniture	v	v	v	v	v	v	v	v	v
Rugs, mats and underpadding							v	v	v
Window coverings and household textiles							v	v	v
Household textiles and related materials	v	v	v	v	v	v			
Other household textiles and related materials						v			
Art, antiques and decorative ware							v	v	v
Household equipment	v	v	v	v	v	v	v	v	v
Household appliances	v	v	v	v	v	v	v	v	v
Other household tools, equipment and accessories							v	v	v
Maintenance and repairs of furniture and equipment						v	v	v	v
Services related to furnishings and equipment	v	v	v	v	v		v	v	v
Clothing	v	v	v	v	v	v	v	v	v
Women's and girl's wear including gifts (age 4 years and over)							v	v	v
Women's wear (14 years and over)	v	v	v	v	v	v			
Girls' wear (4-13 years)	v	v	v	v	v	v			
Clothing gifts – Women and girls							v	v	v
Men's and boy's wear including gifts (age 4 years and over)							v	v	v
Men's wear (14 years and over)	v	v	v	v	v	v			
Boys' wear (4-13 years)	v	v	v	v	v	v			
Clothing gifts – Men and boys							v	v	v
Children's wear including gifts (under 4 years)							v	v	v
Infants' wear (under 4 years)	v	v	v	v	v	v			
Clothing gifts – Children under 4 years							v	v	v
Clothing materials and notions							v	v	v
Clothing materials, notions and related services	v	v	v	v	v	v			
Clothing services	v	v	v	v	v	v	v	v	v
Laundry and dry-cleaning	v	v	v	v	v	v	v	v	v
Transportation	v	v	v	v	v	v	v	v	v
Private transportation	v	v	v	v	v	v	v	v	v
Purchase of automobiles and trucks	v	v	v	v	v	v	v	v	v
Accessories and attachments for automobiles and trucks							v	v	v
Rented and leased automobiles and trucks						v	v	v	v
Operation of owned and leased	v	v	v	v	v	v	v	v	v

Description	1982	1984	1986	1990	1992	1996	1997	1998	1999
	Family Expenditure Survey						SHS		
automobiles and trucks									
Gasoline and other fuels	v	v	v	v	v	v	v	v	v
Maintenance and repair jobs		v	v	v	v	v	v	v	v
Garage rent and parking						v	v	v	v
Private and public vehicle insurance premiums		v	v	v	v	v	v	v	v
Public transportation	v	v	v	v	v	v	v	v	v
Local and commuter transportation	v	v	v	v	v	v	v	v	v
Inter-city transportation		v	v	v	v	v	v	v	v
Airplane		v	v	v	v	v			
Other passenger transportation							v	v	v
Household movers, storage and delivery services						v	v	v	v
Health care	v	v	v	v	v	v	v	v	v
Direct costs to household	v	v	v	v	v	v	v	v	v
Health care supplies					v	v	v	v	v
Medicinal and pharmaceutical products	v	v	v	v	v	v	v	v	v
Prescription drugs		v	v	v	v	v	v	v	v
Other medicines, drugs and pharmaceutical products							v	v	v
Other direct costs to family		v	v	v	v				
Physicians' care							v	v	v
Eye-care goods and services	v	v	v	v	v	v	v	v	v
Eye glasses					v				
Prescription contact lenses					v				
Dental care	v	v	v	v	v	v	v	v	v
Orthodontic and periodontic procedures					v				
Hospital and other health care services					v	v	v		
Hospital care						v	v	v	v
Other health care services					v	v	v		
Other health care practitioners					v	v	v	v	v
Other medical services							v	v	v
Health insurance premiums	v	v	v	v	v	v	v	v	v
Public hospital, medical and drugs insurance plans		v	v	v	v	v	v	v	v
Private health care insurance plans		v	v	v	v	v	v	v	v
Supplementary coverage					v				
Personal care	v	v	v	v	v	v	v	v	v
Personal care supplies and equipment	v	v	v	v	v	v	v	v	v
Toilet preparations and cosmetics	v	v	v	v	v	v			
Hair grooming and other personal care services	v	v	v	v	v	v	v	v	v
Recreation	v	v	v	v	v	v	v	v	v
Recreation equipment and associated services	v	v	v	v	v	v	v	v	v
Sporting and athletic equipment					v	v	v	v	v
Toys, games and hobby equipment		v	v	v	v	v	v	v*	v*
Computer equipment and supplies						v	v	v	v

Description	1982	1984	1986	1990	1992	1996	1997	1998	1999
	Family Expenditure Survey						SHS		
Photographic goods and services		v	v	v	v	v	v	v	v
Recreation vehicles and associated services	v	v	v	v	v	v	v	v	v
Purchase of recreation vehicles		v	v	v	v	v	v	v	v
Bicycles, parts and accessories					v	v	v	v	v
Purchase of other vehicles and outboard motors						v	v	v	v
Operation of recreational vehicles					v	v	v	v	v
Bicycle maintenance and repairs						v	v	v	v
Other recreational vehicle operation					v	v	v	v	v
Expenses for rented and leased recreational vehicles							v	v	v
Home entertainment equipment and services	v	v	v	v	v	v	v	v	v
Audio components					v	v	v	v	v
Audio combinations and radios					v	v			
Compact discs, audio tapes and records					v	v	v	v	v
Blank audio and video tapes							v	v	v
Blank audio tapes					v	v			
Television sets, VCRs, camcorders and other television/video components					v		v	v	v
Television sets						v			
VCR's, camcorders and other television/video components						v			
Pre-recorded videotapes and video discs					v	v			
Blank videotapes					v	v			
Rental of videotapes and video discs						v	v	v	v
Rental of home entertainment equipment and other services						v	v	v	v
Recreation services	v	v	v	v	v	v	v	v	v
Entertainment (formerly Spectator entertainment performances)	v	v	v	v	v	v	v	v	v
Movie theatres					v	v	v	v	v
Live sports events					v	v	v	v	v
Live performing arts					v	v	v	v	v
Rental of cablevision and satellite services						v	v	v	v
Rental of cablevision					v				
Rental of satellite services					v				
Use of recreation facilities		v	v	v	v	v	v	v	v
Membership fees and dues					v	v	v	v	v
Fees for single usage					v	v	v	v	v
Children's camps						v	v	v	v
Admission to museums and other activities and venues					v	v	v	v	v
Package travel tours	v	v	v	v	v	v	v	v	v
Sightseeing tours and excursion packages						v			
Other cultural and recreational services							v	v	v
Reading materials and other printed matter	v	v	v	v	v	v	v	v	v
Newspapers							v	v	v
Magazines and periodicals							v	v	v

Description	1982	1984	1986	1990	1992	1996	1997	1998	1999
	Family Expenditure Survey						SHS		
Books and pamphlets (excluding school books)							v	v	v
Education	v	v	v	v	v	v	v	v	v
Education supplies and textbooks							v	v	v
Tuition fees	v	v	v	v	v	v	v	v	v
Tobacco products and alcoholic beverages	v	v	v	v	v	v	v	v	v
Tobacco products and smokers' supplies	v	v	v	v	v	v	v		
Cigarettes	v	v	v	v	v			v	v
Cigarettes, cigars and similar products						v	v	v	v
Alcoholic beverages	v	v	v	v	v	v	v	v	v
Alcoholic beverages served on licensed premises	v	v	v	v	v	v	v	v	v
Alcoholic beverages purchased from stores	v	v	v	v	v	v	v	v	v
Self-made alcoholic beverages							v	v	v
Miscellaneous expenditures (content may vary)	v	v	v	v	v	v	v	v	v
Interest on personal loans	v	v	v	v	v	v			
Financial services							v	v	v
Dues to unions and professional associations	v	v	v	v	v	v	v	v	v
Games of chance expenses						v	v	v	v
Government-run pool and lottery tickets	v	v	v	v	v	v			
Personal taxes	v	v	v	v	v	v	v	v	v
Personal insurance payments and pension contributions	v	v	v	v	v	v	v	v	v
Life insurance premiums, annuity contracts and transfers to RRIFs							v	v	v
Life insurance premiums	v	v	v	v	v	v	v	v	v
Annuity contracts						v			
Employment insurance (EI) (Deductions from pay)	v	v	v	v	v	v	v	v	v
Retirement and pension fund payments	v	v	v	v	v	v	v	v	v
Canada and Quebec pension plan	v	v	v	v	v	v	v	v	v
Other government retirement and pension funds	v	v	v	v	v	v	v	v	v
Other retirement and pension funds (excluding RRSPs)	v	v	v	v	v	v	v	v	v
Gifts and contributions	v	v	v	v	v	v			
Money gifts and contributions (includes "other" gifts)	v	v	v	v	v	v			
Money gifts and contributions to persons inside and outside Canada		v	v	v	v				
Money and support payments to persons inside Canada							v	v	v

Description	1982	1984	1986	1990	1992	1996	1997	1998	1999
	Family Expenditure Survey						SHS		
Money and support payments to persons outside Canada							v	v	v
Other gifts e.g., flowers, clothing, toys	v	v	v	v	v	v			
Charities	v	v	v	v	v	v			
Contribution to religious charity	v	v	v	v	v	v	v	v	v
Contribution to non-religious charity	v	v	v	v	v	v	v	v	v
Total value of gifts received	v	v	v	v	v	v			

## APPENDIX D

### Comparison of variables from the 1998 and the 1999 SHS

1998 Variable	1999 Variable
Number of males 0 to 4 (Dec 31)	deleted
Number of females 0 to 4 (Dec 31)	deleted
Number of children 0 to 4 (Dec 31)	added
Number of males 5 to 17 (Dec 31)	deleted
Number of females 5 to 17 (Dec 31)	deleted
Number of children 5 to 17 (Dec 31)	added
Crowded dwelling indicator	added

## APPENDIX E

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
<b>Household characteristics</b>							
Estimated number of households	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Average:</b>							
Household size	0.14	0.28	0.49	0.38	0.24	0.32	0.27
Number of children aged less than 5	1.56	4.18	5.16	4.76	4.10	3.27	3.04
Number of children aged 5 to 14 years	1.16	2.83	4.57	2.54	2.97	2.45	2.39
Number of youths aged 15 to 19 years	2.33	5.14	8.69	5.71	5.52	4.93	4.65
Number of youths aged 20 to 24 years	1.97	3.83	8.30	4.59	4.84	4.11	4.10
Number of adults aged 25 to 64 years	0.14	0.30	0.76	0.29	0.29	0.29	0.28
Number of seniors aged 65 years and over	0.30	0.66	1.05	0.62	0.54	0.66	0.61
Number of part-time earners	0.98	2.08	3.01	2.97	2.29	2.22	2.03
Number of full-time earners	0.74	2.61	3.24	2.38	2.12	1.69	1.40
Age of reference person	0.20	0.43	0.84	0.49	0.56	0.40	0.41
Household income before tax	0.62	1.36	1.50	1.46	0.96	1.01	1.28
Other money receipts	9.24	19.09	25.69	18.46	13.68	18.57	18.61
Money flows - assets, loans and other debts	10.21	25.97	28.07	21.67	39.98	24.71	16.93
<b>Percentage</b>							
Homeowner on December 31	0.83	1.34	2.84	1.80	1.60	2.01	1.69
Automobile or truck owners on December 31	0.61	1.40	1.61	1.17	1.30	1.57	1.22
One-person households	0.60	1.84	3.00	1.60	1.49	1.31	1.13
Husband-wife households	0.40	0.73	1.46	1.17	0.85	0.86	0.76
Lone-parent households	0.70	2.01	3.34	1.88	2.25	1.72	1.08
With no full-time earner	0.99	1.71	3.53	1.96	2.05	1.95	2.13
With one full-time earner	1.41	4.50	6.31	3.47	3.62	2.91	2.91
With two or more full-time earners	1.79	5.57	8.65	6.25	5.33	4.04	3.27
With wife employed full time	1.79	4.99	7.28	5.52	4.94	3.85	3.41
With husband employed full time	1.07	3.71	6.18	2.93	3.00	2.46	1.99
<b>Reference Person aged:</b>							
Under 25 years	8.09	18.54	30.73	16.48	15.18	15.71	35.38
25 to 44 years	1.07	2.55	3.70	2.72	2.77	2.36	2.16
45 to 64 years	1.14	2.70	3.72	2.73	2.87	2.25	2.29
65 years or older	1.05	2.73	3.88	2.59	2.79	2.11	2.16
<b>Total expenditure</b>	<b>0.61</b>	<b>1.48</b>	<b>1.71</b>	<b>1.41</b>	<b>1.02</b>	<b>1.14</b>	<b>1.25</b>
<b>Total current consumption</b>	<b>0.52</b>	<b>1.29</b>	<b>1.82</b>	<b>1.14</b>	<b>1.09</b>	<b>1.07</b>	<b>1.01</b>
<b>Food</b>	<b>0.51</b>	<b>1.26</b>	<b>1.69</b>	<b>1.08</b>	<b>1.07</b>	<b>1.08</b>	<b>0.97</b>
Food purchased from stores	0.53	1.08	1.88	1.17	1.10	1.28	0.94
Locally and on day trips	0.53	1.08	1.84	1.18	1.10	1.28	0.95
While on trips overnight or longer	3.59	11.80	23.41	8.52	10.00	9.55	7.19
Board paid to private households	12.51	23.00	34.22	30.41	23.48	22.06	27.67

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Board paid by household members including roomers	15.36	34.09	33.64	45.14	16.87	15.17	40.14
While on trips overnight or longer	19.70	27.10	54.93	40.92	52.80	45.75	31.81
Food purchased from restaurants	1.39	4.42	4.52	2.92	3.14	2.92	2.67
<b>Shelter</b>	<b>0.71</b>	<b>1.68</b>	<b>2.45</b>	<b>1.46</b>	<b>1.63</b>	<b>1.44</b>	<b>1.35</b>
Principal accommodation	0.73	1.64	2.52	1.49	1.72	1.47	1.37
Rented living quarters	1.92	6.04	8.91	5.26	5.65	3.18	3.56
Rent	1.92	6.02	9.02	5.28	5.70	3.18	3.55
Tenants' maintenance, repairs and alterations	10.91	23.15	40.27	36.00	21.14	14.94	22.48
Tenants' insurance premiums	3.54	15.47	28.28	12.52	10.86	5.06	7.62
Owned living quarters	1.40	3.13	5.01	3.07	3.29	3.06	2.61
Regular mortgage payments	1.82	4.24	6.31	4.25	4.37	4.19	3.35
Maintenance, repairs and replacements	3.27	6.17	9.81	6.02	7.89	6.59	6.52
Condominium charges	7.96	60.56	99.58	35.31	39.72	20.89	14.62
Property taxes	1.19	3.43	4.55	2.52	2.53	2.49	2.16
Homeowners' insurance premiums	1.18	2.81	3.46	2.74	2.04	2.52	2.39
Other expenditures for owned living quarters	6.06	10.84	17.85	11.92	12.42	11.45	11.01
Commissions for sale of real estate	10.11	34.30	35.17	26.52	29.98	26.29	16.75
Legal fees related to the dwelling(s)	6.97	21.03	24.15	16.85	16.28	11.75	12.01
Mortgage insurance premiums	4.42	7.32	9.41	7.71	7.39	11.53	8.19
Appraisals, surveying and mortgage penalties	19.89	23.21	56.58	20.64	26.61	22.70	46.73
Transfer taxes and land registration fees	10.20	31.81	22.61	19.99	28.67	18.14	16.84
Water, fuel and electricity	0.79	1.61	2.13	1.44	1.25	1.67	1.64
Water and sewage	2.41	7.26	11.88	5.43	5.89	14.60	4.79
Fuel (e.g., oil, gas, etc.)	1.33	4.46	3.38	2.98	4.63	5.15	2.22
Electricity	0.95	1.81	1.70	1.80	1.32	1.65	2.23
Other accommodation	3.00	9.25	10.84	7.22	6.79	6.98	5.78
Owned vacation home	6.03	15.33	19.45	11.66	15.69	13.50	10.71
Maintenance, repairs and replacements	11.00	22.58	39.55	19.47	32.65	30.87	20.74
Property taxes and sewage charges	5.71	23.80	18.60	12.24	12.70	13.56	10.73
Insurance premiums	7.33	14.34	17.54	13.98	15.84	16.41	14.51
Electricity, water and fuel	7.77	14.25	23.21	17.35	18.84	16.68	14.92
Other expenses for owned vacation home	21.32	50.40	54.27	35.94	42.53	39.67	23.62
Traveller accommodation	3.29	8.95	12.69	8.34	7.30	8.04	6.38
Hotels and motels	3.40	8.38	10.74	7.67	6.63	9.52	6.58
Other accommodation away from home	7.61	15.90	26.66	16.24	13.00	13.58	13.87
<b>Household operation</b>	<b>0.95</b>	<b>1.81</b>	<b>2.70</b>	<b>2.11</b>	<b>1.84</b>	<b>1.61</b>	<b>1.98</b>
Communications	0.83	1.40	2.66	1.85	1.77	1.65	1.63
Telephone	0.83	1.31	2.43	1.57	1.58	1.59	1.67
Purchase of telephones and equipment	3.02	7.84	12.61	7.62	9.33	6.50	5.54
Telephone services	0.83	1.31	2.47	1.57	1.60	1.63	1.67
Telephone service	0.84	1.31	2.51	1.56	1.61	1.66	1.68
Installation and repairs	5.42	15.73	19.78	19.66	13.96	10.50	9.92
Cellular services	2.68	8.07	12.92	8.43	7.01	7.74	4.91

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Internet services	2.18	6.89	8.53	6.28	6.69	5.50	3.95
Postal and other communication services	1.77	3.08	10.97	4.51	4.45	4.80	3.39
Child care expenses	4.09	10.33	11.18	9.18	8.80	7.10	7.82
Child care outside the home	4.48	16.77	14.27	11.12	9.94	7.23	9.01
Day-care centres	5.60	19.80	17.29	16.83	14.20	8.47	11.81
Other child care outside the home	8.63	25.84	23.10	14.67	16.92	17.16	15.95
Child care in the home	10.62	14.21	24.71	17.96	17.56	22.47	18.51
Domestic and other custodial services	8.50	17.91	25.25	32.56	13.48	11.58	16.00
Pet expenses	2.98	4.68	7.60	5.58	5.07	4.43	6.42
Pet food	2.47	4.44	6.61	5.82	4.43	4.43	5.28
Purchase of pets	17.32	19.17	23.98	17.96	16.13	15.62	35.39
Purchase of pet related goods	3.33	7.03	11.51	8.30	7.81	6.89	6.89
Veterinarian and other services	3.70	9.40	14.45	9.23	11.12	9.80	6.65
Household cleaning supplies	1.12	2.75	3.84	2.28	2.36	2.56	2.19
Paper, plastic and foil household supplies	0.98	1.95	4.62	2.53	2.07	2.06	2.01
Stationery (excluding school supplies)	1.47	3.33	13.00	3.38	3.16	2.99	2.72
Other paper and plastic supplies	1.08	2.18	4.41	2.83	2.32	2.30	2.22
Garden supplies and services	1.87	5.47	6.63	4.54	4.01	3.51	3.56
Nursery and greenhouse stock, cut flowers, and decorative plants	2.03	5.67	7.97	3.78	4.19	4.42	3.83
Fertilizers, soil and soil conditioners	2.71	7.47	10.02	6.38	6.78	5.91	4.63
Pesticides	3.47	8.12	13.49	7.31	11.33	8.19	6.88
Horticultural services, snow and garbage removal	3.95	13.83	10.25	11.24	7.24	5.83	8.14
Other household supplies	1.62	3.79	5.88	4.09	3.41	3.49	3.30
<b>Household furnishings and equipment</b>	<b>1.72</b>	<b>3.28</b>	<b>5.45</b>	<b>3.67</b>	<b>3.44</b>	<b>3.34</b>	<b>3.42</b>
Household furnishings	2.75	4.42	8.08	4.97	5.46	5.73	5.22
Furniture	3.15	5.97	9.79	6.25	6.86	6.84	5.80
Rugs, mats and underpadding	6.85	11.80	27.16	16.82	13.60	14.63	11.44
Window coverings and household textiles	4.21	4.31	8.47	6.13	5.10	6.49	8.52
Art, antiques and decorative ware	5.41	10.90	19.86	8.87	14.40	9.78	10.34
Works of art, carvings and vases	6.01	20.52	21.50	19.03	24.12	20.06	10.62
Antiques	22.48	60.95	43.95	33.44	34.77	31.00	31.68
Glass mirrors, and mirror and picture frames	4.75	6.42	12.44	7.79	9.41	10.88	9.04
Household equipment	1.71	3.58	5.58	4.51	3.64	3.35	3.53
Household appliances	2.36	5.28	7.92	5.60	5.34	5.08	4.67
Room air conditioners, portable humidifiers and dehumidifiers	7.39	19.21	47.06	19.43	15.35	15.88	11.08
Refrigerators and freezers	4.90	9.66	16.75	10.91	11.86	9.20	9.71
Cooking stoves and ranges	6.52	13.52	19.26	16.87	16.02	12.92	13.19
Microwave and convection ovens	5.99	12.46	20.02	15.06	17.44	14.82	11.25
Gas barbecues	7.07	12.53	15.54	11.36	12.38	11.69	13.28
Small electric food preparation appliances	2.75	7.03	8.99	7.86	5.72	5.36	5.40
Washers and dryers	4.78	9.12	12.90	10.36	11.39	11.31	9.67
Vacuum cleaners and other rug cleaning equipment	5.04	10.46	22.21	12.86	11.53	19.59	9.82
Portable dishwashers	13.53	26.99	43.67	37.32	34.93	24.26	28.22

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Sewing machines	11.13	35.21	39.48	27.46	31.58	24.18	20.98
Other electric equipment and appliances	3.82	27.29	9.38	5.76	6.60	6.98	7.40
Attachments and parts for major appliances	3.24	6.40	12.43	12.68	7.84	8.07	7.01
Home and workshop tools and equipment	3.39	7.02	12.81	8.29	10.17	7.02	7.47
Power tools and equipment	4.61	8.52	18.31	11.57	10.48	9.40	10.28
Other tools	3.75	8.40	15.91	6.48	13.74	7.85	8.40
Lawn, garden and snow-removal tools and equipment	5.33	10.26	14.02	16.61	8.32	7.92	11.58
Power lawn mowers and garden equipment	9.36	14.39	22.58	20.10	12.90	11.33	21.60
Snow-blowers	9.91	45.37	42.79	49.76	19.82	21.64	15.16
Other lawn, garden/ and snow removal tools and equipment	3.39	6.07	19.77	10.33	7.40	7.11	6.55
Lamps and lampshades	4.96	10.19	13.72	11.68	22.30	9.68	8.17
Non-electric kitchen and cooking equipment	2.59	5.88	9.70	6.41	6.01	5.34	4.89
Tableware, flatware and knives	5.54	9.71	21.11	11.71	9.80	9.03	11.13
Non-electric cleaning equipment	1.88	3.87	6.72	4.26	4.30	4.45	3.66
Luggage	4.40	8.17	14.00	11.36	11.86	9.87	8.48
Home security equipment	5.85	12.29	11.41	18.15	11.04	13.70	9.22
Other household equipment, parts and accessories	4.17	6.54	12.55	5.36	7.16	6.30	8.57
Maintenance and repairs of furniture and equipment	3.73	8.46	10.66	7.48	12.29	7.11	8.39
Furniture, carpeting and household textiles	6.00	12.46	16.48	9.77	20.59	13.04	13.40
Major household appliances	4.37	11.77	12.97	10.53	10.19	9.88	8.70
Other maintenance and repairs of furniture and equipment	7.63	22.45	20.26	20.15	13.82	14.81	17.70
Services related to furnishings and equipment	4.09	19.74	18.65	12.01	14.52	12.74	5.88
Rental of heating equipment	5.66	31.13	25.51	14.93	16.75	30.54	6.45
Other services related to furnishings and equipment	5.45	22.96	23.99	18.01	20.60	13.81	10.46
<b>Clothing</b>	<b>1.26</b>	<b>2.56</b>	<b>2.95</b>	<b>2.21</b>	<b>2.25</b>	<b>2.17</b>	<b>2.59</b>
Women's and Girls' wear (4 years and over)	1.72	2.74	3.55	2.85	2.87	2.57	3.64
Clothing	2.07	3.18	3.57	2.97	3.41	2.71	4.60
Footwear	1.27	2.67	3.84	3.02	3.07	2.42	2.51
Accessories	2.28	5.64	8.63	4.98	4.89	3.85	4.73
Jewellery and watches	5.77	6.88	14.23	9.51	8.05	16.47	9.98
Clothing gifts to non-household members	3.18	4.07	7.37	5.27	5.17	7.55	6.05
Men's and Boys' wear (4 years and over)	1.38	2.79	3.50	2.67	2.78	2.80	2.76
Clothing	1.52	3.09	3.93	3.28	3.25	3.02	3.01
Footwear	1.57	2.74	4.17	2.93	2.71	2.57	3.43
Accessories	2.65	8.21	8.41	6.22	6.34	5.67	5.29
Jewellery and watches	6.59	8.62	16.25	15.46	10.50	18.20	12.89
Clothing gifts to non-household members	2.69	4.76	7.69	5.37	6.53	6.30	5.07
Children's wear (under 4 years)	2.81	5.30	11.70	6.26	6.19	7.03	5.05
Clothing and cloth diapers	4.49	9.01	24.67	11.44	11.45	10.90	7.96
Footwear	4.65	10.27	14.22	11.12	11.47	10.64	7.95
Clothing gifts to non-household members	3.58	6.03	11.61	7.06	6.66	6.62	6.73

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Clothing material, notions and services	1.81	6.13	6.77	5.39	5.05	3.76	3.24
Clothing material (excluding household textiles)	5.21	11.61	13.43	15.35	12.93	13.31	9.24
Notions	4.16	8.87	13.46	13.38	11.36	9.30	8.23
Services	1.98	7.27	8.30	5.74	6.00	3.79	3.50
Dressmaking, tailoring, clothing storage and other clothing services	7.54	14.76	21.42	14.51	27.93	14.99	13.12
Laundry and dry-cleaning service	2.53	10.90	6.81	9.27	6.50	4.33	4.79
Laundromats and self-service dry cleaning	3.81	20.80	20.13	10.24	10.87	11.12	5.74
Maintenance, repair and alteration	3.32	8.80	13.77	8.62	10.03	5.77	7.70
<b>Transportation</b>	<b>1.37</b>	<b>2.86</b>	<b>6.48</b>	<b>3.35</b>	<b>3.59</b>	<b>2.78</b>	<b>2.75</b>
Private transportation	1.49	3.06	6.71	3.59	3.74	3.02	3.02
Purchase of automobiles and trucks	3.45	7.60	14.67	8.39	8.98	7.00	6.83
Automobiles	4.15	8.57	15.96	9.00	9.74	8.26	7.71
Trucks (including vans)	5.34	13.30	26.94	15.11	11.85	13.30	11.84
Separate sale of automobiles and trucks	-8.15	-20.78	-44.54	-23.58	-18.84	-14.89	-19.26
Purchase of automotive accessories	7.26	15.33	21.22	16.15	16.47	21.40	12.54
Rented and leased automobiles and trucks	4.18	9.35	13.06	10.60	8.44	8.16	7.74
Rented automobiles and trucks	5.41	13.25	27.57	14.64	15.60	16.31	9.33
Automobiles	6.31	14.28	31.57	14.18	18.95	18.14	11.17
Rental fees (including insurance and mileage)	6.68	14.74	32.61	12.94	19.76	18.70	11.81
Gas and other fuels	6.12	15.87	36.76	28.28	21.08	17.91	10.79
Other expenses for rented automobiles	14.73	42.95	49.86	37.58	57.16	58.35	31.51
Trucks (including vans)	10.31	41.81	59.64	35.30	23.68	24.89	17.00
Rental fees (including insurance and mileage)	11.11	39.93	56.20	36.42	24.25	25.88	18.20
Gas and other fuels	9.87	64.33	70.86	34.06	27.56	25.60	16.84
Other expenses for rented trucks	43.30	100.43	100.65	60.05	71.04	0.00	62.02
Leasing fees for automobiles and trucks	4.56	9.95	13.69	11.39	8.86	8.51	8.53
Operation of owned and leased automobiles and trucks	0.81	1.66	3.12	1.84	1.67	1.81	1.62
Gasoline and other fuels	1.02	2.05	3.39	2.45	2.01	2.12	2.04
Tires, batteries, and other automotive parts and supplies	2.26	4.06	9.01	3.74	4.65	4.55	5.06
Maintenance and repair	1.97	4.64	8.22	4.76	4.40	4.51	3.61
Garage rent and parking	3.86	19.69	21.70	10.73	11.38	9.72	6.65
At dwelling (not included in rent)	12.47	100.94	100.71	59.64	95.36	26.56	18.89
Parking away from home	4.04	19.88	19.62	10.87	11.42	10.35	7.07
Driving lessons	7.40	19.23	25.41	23.88	18.45	18.28	10.99
Drivers' licences and tests	2.05	6.10	5.43	7.73	4.92	3.02	4.94
Private and public vehicle insurance premiums	1.11	1.92	3.68	2.25	2.04	2.08	1.85
Registration fees and licences (including insurance if part of registration)	1.65	1.77	2.61	3.29	2.49	1.63	1.84
Other automobile and truck operation services	4.31	26.92	7.29	7.90	10.28	6.25	8.26
Public transportation	2.05	5.85	11.11	6.20	6.70	4.83	3.80
City or commuter bus, subway, street car and commuter train	2.99	18.03	32.88	9.14	14.49	4.83	4.76
Taxi	4.80	10.95	19.51	17.67	11.83	12.09	8.41
Airplane	3.23	7.72	11.59	8.67	11.35	9.75	6.51

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Train	9.99	39.43	33.64	19.95	19.52	19.10	13.50
Highway bus	6.14	14.64	31.36	24.41	15.54	12.08	14.87
Other passenger transportation	6.05	9.02	20.27	11.03	16.98	13.63	16.72
Household moving, storage and delivery services	7.63	48.71	39.87	20.83	37.14	16.75	16.78
<b>Health care</b>	<b>1.38</b>	<b>3.87</b>	<b>3.34</b>	<b>2.94</b>	<b>2.92</b>	<b>2.36</b>	<b>3.46</b>
Direct costs to household	1.68	4.81	4.05	3.48	3.51	2.87	3.79
Health care supplies	5.74	12.36	17.06	15.20	15.03	11.86	10.35
Medicinal and pharmaceutical products	1.54	7.15	5.14	4.82	4.54	2.74	3.29
Prescribed	1.99	8.49	6.20	6.74	5.21	3.65	4.96
Other medicines and pharmaceutical products	2.34	4.28	6.15	5.04	9.13	3.63	4.19
Physicians' care	16.06	64.04	27.88	35.68	52.20	24.05	33.88
Other health care practitioners	8.57	27.22	19.55	19.67	18.12	8.20	17.57
Eye-care goods and services	2.15	6.97	9.06	4.81	5.30	4.08	4.93
Prescription eye wear	2.04	4.59	6.68	4.90	5.43	4.13	4.32
Other eye care goods	3.56	8.69	21.84	8.13	14.04	9.80	7.06
Eye care services (e.g., surgery, exams)	9.17	26.11	26.54	16.35	12.18	15.84	31.36
Dental services	3.18	7.76	9.18	6.08	6.80	6.64	6.27
Hospital care	20.45	69.37	48.95	45.70	55.00	36.51	37.39
Other medical services	15.24	16.38	32.88	17.24	26.40	16.36	29.96
Health insurance premiums	1.83	5.14	6.45	4.55	5.01	3.33	6.26
Public hospital, medical and drug plans	1.78	28.35	48.46	9.39	18.75	4.06	21.67
Private health insurance plans	2.52	5.22	6.48	5.16	5.33	4.54	6.41
Private health care plans (e.g., supplementary coverage, extended benefit packages, drug plans, etc.)	2.87	5.44	8.19	5.65	5.85	4.93	7.23
Dental plans	5.83	10.44	24.75	15.98	17.96	16.21	14.47
Accident and disability insurance	4.92	11.26	10.88	10.50	13.36	10.41	11.52
<b>Personal care</b>	<b>1.01</b>	<b>2.26</b>	<b>2.76</b>	<b>2.14</b>	<b>2.00</b>	<b>1.91</b>	<b>2.08</b>
Personal care supplies and equipment	1.19	2.72	3.86	3.14	2.56	2.30	2.47
Personal care preparations	1.36	2.98	4.37	2.89	2.56	2.37	2.88
Disposable diapers	4.05	8.47	14.31	12.66	10.21	9.13	7.60
Electric hair-styling and personal care appliances	3.10	6.22	11.85	6.77	8.05	8.13	6.09
Other personal care supplies and equipment	2.01	3.68	5.76	6.07	4.90	5.10	3.82
Personal care services	1.24	2.43	3.34	2.37	2.46	2.38	2.45
Hair grooming	1.19	2.41	3.27	2.32	2.34	2.32	2.31
Other personal services	4.64	10.36	14.24	9.28	10.55	6.52	10.22
<b>Recreation</b>	<b>1.47</b>	<b>3.25</b>	<b>6.49</b>	<b>2.52</b>	<b>3.44</b>	<b>3.31</b>	<b>2.72</b>
Recreation equipment and associated services	1.54	3.66	5.61	3.39	4.01	3.88	2.93
Sports and athletic equipment	3.41	7.69	14.53	7.25	7.54	6.98	7.42
Playground equipment, above-ground pools and accessories	11.11	30.47	26.36	35.26	32.01	17.78	18.88
Toys and children's vehicles	2.51	5.61	7.46	5.39	5.40	6.72	4.69
Electronic games and parts	2.82	6.09	8.72	6.88	6.95	6.96	5.53
Video game rental	4.27	12.38	15.43	11.21	10.72	10.42	9.73

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Artists' materials, handicraft and hobbycraft kits and materials	3.79	8.24	18.27	9.14	9.09	8.68	8.12
Computer equipment and supplies	2.97	8.08	13.92	8.47	9.17	7.08	5.56
Computer hardware	3.35	9.08	14.82	9.89	10.57	8.09	6.29
New	3.52	9.58	15.53	10.50	11.19	8.49	6.63
Used	9.36	21.39	42.68	22.11	25.76	17.37	18.96
Computer software	4.67	16.39	35.73	10.88	12.58	10.85	8.78
Computer supplies and other equipment	3.20	7.27	16.03	8.06	8.93	7.80	6.01
Photographic goods and services	2.25	4.92	5.86	3.54	4.78	5.86	4.55
Cameras and accessories	5.71	15.24	16.68	10.08	14.75	12.38	11.52
Films and processing	1.83	4.30	5.28	4.07	4.62	4.36	3.76
Photographers' and other photographic services	5.32	7.82	10.70	8.71	9.02	20.92	9.59
Musical instruments, parts and accessories	8.77	21.43	44.39	20.56	22.98	19.03	18.98
Collectors' items (e.g., stamps, coins)	8.24	27.25	22.80	16.93	21.10	33.54	14.64
Camping, picnic equipment and accessories (excluding BBQ's)	4.23	9.11	14.77	10.79	7.95	10.07	9.02
Supplies and parts for recreational equipment	5.64	8.87	20.09	10.53	9.98	7.21	12.59
Rental, maintenance and repairs of equipment	8.98	27.24	39.70	26.21	28.14	17.29	19.49
Recreation vehicles and associated services	6.57	10.53	30.43	16.98	15.68	12.79	13.63
Purchase of recreation vehicles	8.73	12.65	37.98	28.57	22.06	16.89	17.39
Bicycles, parts and accessories	6.05	20.30	24.91	11.66	11.33	12.88	11.86
Other recreational vehicles and outboard motors	9.92	13.24	39.97	33.32	23.52	19.97	19.50
Travel trailers	21.72	41.68	42.99	52.91	68.17	49.48	53.99
Tent trailers	57.76	-86.99	-105.28	73.15	999.00	98.55	332.42
Motorcycles	26.11	50.26	50.98	62.64	38.88	73.83	54.49
Snowmobiles	14.07	21.89	123.52	113.99	33.37	33.79	32.44
Motor homes	35.85	57.07	0.00	581.59	144.09	46.77	66.56
Truck campers	49.97	103.62	100.63	0.00	101.19	71.70	101.05
Boats	23.66	36.09	91.93	211.04	56.20	57.11	36.51
Outboard motors and personal watercraft	36.12	44.67	46.78	47.91	181.51	63.50	45.81
Other recreation vehicle purchases	15.53	19.67	72.84	26.41	25.93	36.96	37.65
Operation of recreational vehicles	5.34	10.29	17.08	11.26	8.04	12.44	10.72
Bicycle maintenance and repairs	8.73	23.55	25.98	15.48	16.11	12.87	21.25
Expenses for rented and leased recreational vehicles	24.54	46.35	90.53	30.97	50.01	47.65	39.66
Gasoline and other fuels	6.78	7.48	17.36	11.20	10.07	19.23	11.52
Supplies and parts	10.91	27.09	30.25	17.24	13.91	17.58	23.98
Maintenance and repair jobs	8.71	16.94	49.29	20.66	20.46	22.71	20.38
Insurance premiums	4.76	13.79	21.96	13.33	8.47	10.22	9.75
Registration fees and licences	6.29	13.30	20.52	21.32	9.16	9.88	13.69
Other expenses for operation of recreational vehicles	12.39	40.08	45.16	32.35	19.89	28.90	18.15
Home entertainment equipment and services	1.68	3.63	8.59	3.94	3.89	3.63	3.31
Equipment	2.04	4.30	10.78	4.86	4.73	4.63	3.98
Audio (e.g., radio, CD players, speakers)	4.08	8.78	21.43	9.65	12.11	8.66	8.02
Compact discs, tapes, videos and video discs	2.48	4.84	15.08	4.93	3.97	6.61	4.43
Blank audio and video tapes	2.99	9.04	10.22	7.60	6.67	5.81	5.95

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Televisions, VCRs, camcorders and other television/video component	3.60	6.86	10.39	8.69	8.22	8.85	6.97
Other home entertainment equipment	6.40	14.27	20.72	12.78	12.23	17.43	12.57
Services	1.75	5.08	7.76	3.96	4.98	4.00	3.57
Rental of videotapes and video discs	1.73	5.42	7.94	4.01	4.86	4.17	3.44
Rental of home entertainment equipment and other services	14.35	60.67	59.62	34.78	35.74	24.62	28.30
Maintenance and repair of home entertainment equipment	6.95	11.27	21.57	10.14	12.31	13.49	15.08
Recreation services	1.51	3.79	7.44	3.39	3.72	3.28	2.86
Entertainment	1.01	1.82	2.37	2.06	2.17	1.96	2.05
Movie theatres	2.23	5.44	8.35	5.88	6.16	4.80	4.15
Live sports events	6.56	12.21	14.11	8.97	9.68	11.41	12.68
Live performing arts	2.89	6.21	7.36	6.10	10.36	6.18	5.41
Admission to museums and other activities	2.93	8.02	11.28	7.37	10.45	7.88	5.20
Rental of cablevision and satellite services	0.96	1.76	2.84	2.36	2.13	2.08	1.95
Use of recreation facilities	3.04	7.98	9.08	7.64	6.64	6.89	6.03
Membership fees for sports and recreation facilities	3.97	10.18	10.76	9.46	8.24	9.90	7.71
Single use fees for sports and recreation facilities	4.63	11.36	15.43	13.53	14.85	9.87	9.79
Video, pinball and carnival games	6.95	20.55	24.83	16.38	12.30	14.32	15.96
Children's camps	8.98	14.82	21.94	17.01	13.30	16.58	15.84
Package travel tours	4.80	20.55	32.42	18.69	17.04	10.41	8.09
Other recreational services	9.19	13.53	14.29	13.95	10.94	29.36	9.29
<b>Reading materials and other printed matter</b>	<b>1.37</b>	<b>3.48</b>	<b>4.19</b>	<b>3.86</b>	<b>2.96</b>	<b>3.15</b>	<b>2.64</b>
Newspapers	1.55	3.45	3.37	3.77	3.39	3.34	2.95
Magazines and periodicals	2.10	6.83	9.85	5.02	5.55	5.02	4.09
Books and pamphlets (excluding school books)	2.53	6.44	9.38	7.44	5.53	6.25	4.83
Maps, sheet music and other printed matter	6.78	11.11	17.51	10.63	16.03	12.50	14.69
Services related to reading materials (e.g., duplicating, library fees)	6.12	13.49	24.23	14.45	14.87	14.22	12.52
<b>Education</b>	<b>3.31</b>	<b>7.18</b>	<b>13.78</b>	<b>8.64</b>	<b>11.32</b>	<b>6.69</b>	<b>6.34</b>
Supplies	3.23	5.53	15.19	8.69	5.07	6.60	6.17
Kindergarten, nursery, elementary and secondary	2.94	3.95	11.08	8.17	4.83	5.88	7.39
Post-secondary	6.04	11.53	26.10	18.59	14.56	13.05	9.89
Textbooks	3.62	7.28	14.04	9.36	10.78	6.73	7.36
Kindergarten, nursery, elementary and secondary	6.37	4.65	72.47	63.21	31.25	8.75	16.03
Post-secondary	4.06	9.50	12.15	9.46	10.98	8.80	7.68
Tuition fees	4.15	8.65	15.73	10.27	15.25	8.93	7.60
Kindergarten, nursery, elementary and secondary	10.20	30.98	40.64	46.08	36.74	15.07	25.08
Post-secondary	4.53	8.71	16.65	10.61	15.97	10.32	8.02
Other courses and lessons (excluding driving)	5.56	11.26	16.99	9.16	10.42	12.90	11.18
Other educational services	22.64	58.95	38.84	46.53	43.77	57.43	38.27

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
<b>Tobacco products and alcoholic beverages</b>	<b>1.46</b>	<b>3.33</b>	<b>5.99</b>	<b>4.39</b>	<b>3.71</b>	<b>3.16</b>	<b>2.98</b>
Tobacco products and smokers' supplies	1.92	4.73	7.16	5.57	4.53	3.86	4.33
Cigarettes, cigars and tobacco	1.94	4.79	7.19	5.59	4.54	3.86	4.36
Matches and other smokers' supplies	4.75	16.00	11.06	9.68	9.61	8.99	8.73
Alcoholic beverages	1.83	4.39	8.04	5.73	5.12	4.29	3.44
Served on licensed premises	3.30	8.68	11.81	10.99	9.23	7.82	6.72
Purchased from stores	1.80	4.26	8.56	5.14	4.87	4.01	3.42
Self-made alcoholic beverages	5.30	12.87	19.44	11.73	14.59	19.41	9.28
<b>Games of chance (net)</b>	<b>5.60</b>	<b>5.65</b>	<b>16.15</b>	<b>14.70</b>	<b>6.17</b>	<b>17.25</b>	<b>6.70</b>
Government-run lotteries	2.43	5.68	10.78	6.77	4.46	5.07	4.65
Casinos, slot machines, and video lottery terminals	16.56	23.58	89.02	32.15	22.56	46.99	32.37
Bingos	7.64	9.85	23.23	20.66	10.98	14.50	18.05
Non-government lotteries and raffle tickets	3.38	8.97	16.74	6.67	9.89	11.12	6.47
Winnings from games of chance	-13.11	-10.40	-66.08	-13.12	-9.62	-14.82	-28.32
<b>Miscellaneous expenditures</b>	<b>3.27</b>	<b>6.80</b>	<b>9.53</b>	<b>12.93</b>	<b>5.10</b>	<b>5.71</b>	<b>6.82</b>
Expenses on other property owned	20.77	22.09	36.31	26.61	24.69	45.69	35.77
Legal services not related to dwellings	12.49	41.76	30.86	52.92	17.50	20.08	23.46
Financial services	3.37	7.05	8.20	5.95	6.32	4.68	6.93
Service charges from banks	1.57	4.13	5.18	6.07	3.56	3.14	3.34
Stock and bond commissions	13.30	32.35	39.82	21.71	31.37	20.76	22.07
Administration fees	11.31	31.24	48.66	24.21	42.61	24.20	20.02
Other financial services	3.70	20.46	18.77	6.86	8.65	7.47	7.29
Dues to unions and professional associations	3.13	4.75	8.87	5.95	5.94	4.57	7.33
Contributions and dues for social clubs and other organizations	14.52	19.14	14.04	8.85	14.66	13.18	28.73
Forfeit of deposits, fines, and money lost or stolen	7.27	15.91	39.18	16.76	15.25	10.81	19.48
Tools and equipment purchased for work	14.39	17.90	40.26	14.43	24.04	12.80	28.06
Other miscellaneous goods and services	11.83	21.97	38.57	23.06	21.76	26.45	23.62
Goods	14.15	49.08	69.46	39.10	46.04	31.48	29.09
Services	13.72	23.28	40.85	29.62	24.41	27.29	26.75
<b>Personal taxes</b>	<b>1.21</b>	<b>2.88</b>	<b>3.34</b>	<b>2.84</b>	<b>1.99</b>	<b>2.19</b>	<b>2.40</b>
Income tax on reference year income	1.06	2.53	2.90	2.60	1.72	1.94	2.09
Income tax on income received before reference year	6.67	12.13	16.68	11.77	19.27	14.66	13.92
Other personal taxes	42.15	41.36	0.00	70.51	101.08	0.00	71.97
Tax refunds	-2.12	-4.54	-7.15	-5.16	-4.82	-4.47	-3.96
<b>Personal insurance payments and pension contributions</b>	<b>1.68</b>	<b>3.34</b>	<b>2.81</b>	<b>6.22</b>	<b>2.36</b>	<b>5.68</b>	<b>1.69</b>
Life insurance premiums	2.67	8.42	10.70	6.58	5.41	4.68	5.31
Annuity contracts and transfers to RRIFs	35.78	100.83	54.56	93.77	75.24	62.85	72.75
Employment insurance premiums	0.28	0.84	0.98	0.80	0.70	0.63	0.52
Retirement and pension fund payments	1.08	2.79	2.86	3.43	2.53	2.01	2.25
Canada and Quebec pension plan	0.65	1.73	1.72	1.37	1.32	1.21	1.34

**Technical Table 1a**  
**Coefficients of Variation (%) for Average Household Expenditures, Canada, from**  
**Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Other government pension funds	3.94	7.21	14.12	9.23	6.89	7.02	11.31
Other retirement or pension funds (excluding RRSP)	3.74	12.45	14.43	11.80	9.89	8.21	6.94
<b>Gifts of money and contributions</b>	<b>8.19</b>	<b>5.92</b>	<b>9.45</b>	<b>12.66</b>	<b>6.05</b>	<b>7.53</b>	<b>15.74</b>
Money and support payments	11.63	8.59	13.41	16.69	9.08	9.88	21.81
Alimony and child support	8.97	23.22	25.00	18.08	20.48	15.95	17.23
Gifts of money and other support payments to persons living inside Canada	15.90	8.90	16.95	20.60	9.75	14.60	29.12
Gifts of money and other support payments to persons living outside Canada	9.77	49.27	20.91	22.80	33.41	32.56	14.78
Contributions to charity	3.88	6.03	9.87	6.11	6.72	8.13	7.58
Religious organizations	4.30	6.98	11.63	7.70	7.99	11.39	8.57
Non-religious charitable organizations	6.71	7.42	11.05	6.91	6.99	9.95	12.39
<b>Selected items in asset money flows</b>							
Registered retirement savings plans	8.05	12.10	19.69	28.36	10.73	21.99	13.93
Investment in the home							
Additions, renovations and alterations: contract, labour and material cost	5.90	8.42	27.23	10.22	10.88	9.87	12.28
New installations of equipment and fixtures: contract, labour and material cost	7.41	14.11	22.98	16.86	17.03	22.03	12.47

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
<b>Household characteristics</b>							
Estimated number of households	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Average:</b>							
Household size	0.32	0.43	0.38	0.34	1.36	1.43	1.33
Number of children aged less than 5	3.75	3.75	3.34	3.84	17.34	11.35	12.32
Number of children aged 5 to 14 years	2.85	2.62	2.33	2.33	6.74	4.50	6.48
Number of youths aged 15 to 19 years	6.01	6.17	4.80	4.90	20.14	18.41	12.44
Number of youths aged 20 to 24 years	5.14	4.75	4.23	4.59	22.09	16.48	17.54
Number of adults aged 25 to 64 years	0.35	0.46	0.37	0.31	3.18	2.09	3.19
Number of seniors aged 65 years and over	0.70	0.89	0.47	0.67	22.49	19.87	16.28
Number of part-time earners	2.31	2.77	1.96	2.00	9.42	8.33	11.89
Number of full-time earners	1.85	2.09	1.30	1.58	7.64	5.49	8.12
Age of reference person	0.51	0.54	0.50	0.46	2.38	1.49	1.69
Household income before tax	1.09	1.45	1.63	1.18	6.26	4.47	5.51
Other money receipts	19.59	17.43	27.86	16.41	47.78	35.36	78.34
Money flows - assets, loans and other debts	22.68	24.87	19.84	28.30	22.15	21.47	43.79
<b>Percentage</b>							
Homeowner on December 31	2.28	2.00	1.48	1.66	9.70	13.42	14.23
Automobile or truck owners on December 31	1.19	1.31	0.87	1.02	4.60	8.20	12.68
One-person households	1.29	1.81	1.38	1.26	5.28	3.99	4.94
Husband-wife households	0.91	1.06	0.89	1.00	3.82	5.30	5.71
Lone-parent households	1.98	3.15	1.35	1.95	44.11	53.57	27.81
With no full-time earner	2.31	2.36	2.78	2.09	12.99	17.57	10.28
With one full-time earner	3.27	3.67	2.64	3.14	8.12	9.76	10.21
With two or more full-time earners	4.26	4.67	3.28	4.59	13.52	7.17	10.49
With wife employed full time	4.61	4.27	3.46	4.49	10.58	6.68	14.53
With husband employed full time	2.17	2.34	2.02	2.54	9.77	7.02	12.87
<b>Reference Person aged:</b>							
Under 25 years	13.42	15.11	14.26	14.65	54.37	28.02	34.51
25 to 44 years	2.40	2.67	2.11	2.14	8.39	3.43	2.83
45 to 64 years	2.69	3.02	2.44	2.67	9.76	7.40	14.63
65 years or older	2.30	2.21	2.74	2.42	22.55	21.54	17.33
<b>Total expenditure</b>	<b>1.23</b>	<b>1.42</b>	<b>1.28</b>	<b>1.32</b>	<b>5.96</b>	<b>3.79</b>	<b>4.53</b>
<b>Total current consumption</b>	<b>1.13</b>	<b>1.21</b>	<b>1.15</b>	<b>1.17</b>	<b>5.08</b>	<b>3.37</b>	<b>3.27</b>
<b>Food</b>	<b>1.17</b>	<b>1.10</b>	<b>1.21</b>	<b>1.20</b>	<b>4.41</b>	<b>2.60</b>	<b>4.52</b>
Food purchased from stores	1.10	1.38	1.13	1.15	4.05	3.01	4.94
Locally and on day trips	1.06	1.40	1.13	1.16	4.10	3.11	4.92
While on trips overnight or longer	12.88	6.88	6.35	8.19	17.23	15.11	48.16
Board paid to private households	26.99	34.44	42.04	32.36	79.63	55.73	94.02
Board paid by household members including roomers	17.25	28.07	19.35	31.03	67.76	63.56	95.91

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
While on trips overnight or longer	51.35	42.73	50.80	44.95	84.34	66.25	94.23
Food purchased from restaurants	3.18	2.56	2.82	2.99	9.66	7.98	20.79
<b>Shelter</b>	<b>1.57</b>	<b>1.65</b>	<b>1.48</b>	<b>1.48</b>	<b>6.89</b>	<b>7.60</b>	<b>8.25</b>
Principal accommodation	1.59	1.69	1.58	1.54	7.08	8.07	7.39
Rented living quarters	5.65	5.80	4.84	3.91	15.46	15.94	12.15
Rent	5.63	5.78	4.82	3.90	15.65	16.37	12.23
Tenants' maintenance, repairs and alterations	34.18	66.22	25.87	28.09	74.19	48.51	98.02
Tenants' insurance premiums	8.31	9.96	10.54	8.55	22.11	23.41	51.68
Owned living quarters	2.92	3.31	2.77	2.72	13.45	14.64	18.92
Regular mortgage payments	4.01	4.30	3.81	3.48	14.48	17.17	23.31
Maintenance, repairs and replacements	8.00	7.36	7.78	7.43	17.98	18.30	57.28
Condominium charges	24.09	21.74	15.56	9.03	85.81	53.54	62.79
Property taxes	2.83	2.72	2.22	2.44	13.34	14.31	37.59
Homeowners' insurance premiums	2.29	2.77	2.10	2.67	11.13	11.44	24.68
Other expenditures for owned living quarters	11.80	15.11	14.25	10.23	25.48	13.31	53.77
Commissions for sale of real estate	25.58	24.13	22.67	19.78	54.57	41.71	125.28
Legal fees related to the dwelling(s)	17.75	17.82	12.46	19.76	31.14	24.29	26.71
Mortgage insurance premiums	8.46	15.85	7.34	8.00	18.72	23.46	33.73
Appraisals, surveying and mortgage penalties	31.60	34.68	27.30	26.01	57.52	31.81	0.00
Transfer taxes and land registration fees	18.75	23.47	18.43	13.69	37.78	22.27	37.09
Water, fuel and electricity	1.66	1.49	1.29	1.76	5.49	6.60	9.76
Water and sewage	3.70	3.50	2.89	5.21	11.00	9.87	11.76
Fuel (e.g., oil, gas, etc.)	3.26	2.36	1.69	3.76	8.11	8.89	22.63
Electricity	2.25	1.98	1.55	2.10	4.73	7.69	6.74
Other accommodation	5.94	5.80	4.98	6.77	14.16	10.56	30.42
Owned vacation home	13.00	12.02	12.96	15.01	32.59	30.34	67.38
Maintenance, repairs and replacements	37.90	23.10	32.19	23.23	50.92	35.38	61.47
Property taxes and sewage charges	12.73	11.31	12.60	10.44	29.06	14.97	65.00
Insurance premiums	13.80	13.64	16.34	14.75	47.70	24.08	69.14
Electricity, water and fuel	14.71	18.07	18.08	19.89	53.00	28.88	70.67
Other expenses for owned vacation home	21.46	26.39	22.66	42.99	69.90	98.01	89.83
Traveller accommodation	6.16	5.93	5.58	6.01	14.57	7.20	17.55
Hotels and motels	7.08	6.65	5.55	6.59	15.88	9.89	20.59
Other accommodation away from home	12.66	12.49	15.64	12.14	51.01	35.03	40.38
<b>Household operation</b>	<b>1.78</b>	<b>1.81</b>	<b>1.77</b>	<b>2.03</b>	<b>5.69</b>	<b>5.54</b>	<b>4.75</b>
Communications	2.00	1.99	1.87	2.06	4.49	4.28	4.52
Telephone	1.96	1.83	1.80	2.09	4.50	5.59	3.65
Purchase of telephones and equipment	10.67	8.17	6.66	6.89	22.52	25.17	26.69
Telephone services	1.98	1.84	1.82	2.12	4.50	5.61	3.50
Telephone service	1.97	1.85	1.84	2.14	4.20	5.57	3.56
Installation and repairs	14.41	18.34	11.26	10.44	46.55	21.10	54.59
Cellular services	6.71	6.48	4.68	6.07	34.47	22.94	77.23
Internet services	7.03	8.14	4.71	4.38	8.26	8.62	22.29

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Postal and other communication services	4.21	4.34	3.74	4.00	9.86	13.35	33.78
Child care expenses	9.56	7.89	9.02	10.05	29.85	16.18	10.05
Child care outside the home	11.70	8.67	9.78	10.69	30.80	22.06	27.53
Day-care centres	13.17	13.41	13.11	13.48	34.55	21.50	46.06
Other child care outside the home	25.91	13.77	16.70	18.28	44.32	26.91	80.37
Child care in the home	16.20	21.78	23.97	20.72	37.92	27.67	20.89
Domestic and other custodial services	12.34	14.25	11.10	11.00	32.18	40.69	112.88
Pet expenses	5.08	5.47	4.86	5.48	15.72	18.33	19.82
Pet food	4.99	6.21	5.54	5.31	19.81	15.91	18.24
Purchase of pets	20.10	20.83	18.90	21.77	74.14	20.24	73.24
Purchase of pet related goods	9.24	9.74	6.86	8.01	18.36	40.66	41.92
Veterinarian and other services	8.88	7.87	6.38	7.65	14.21	17.53	23.74
Household cleaning supplies	2.20	2.18	2.20	2.40	5.73	5.61	8.44
Paper, plastic and foil household supplies	2.13	1.89	2.15	2.26	5.48	2.26	5.30
Stationery (excluding school supplies)	3.81	3.20	5.04	3.02	10.22	6.70	15.18
Other paper and plastic supplies	2.23	2.05	1.98	2.58	5.24	1.82	4.71
Garden supplies and services	4.47	4.96	4.75	4.55	14.15	18.27	39.35
Nursery and greenhouse stock, cut flowers, and decorative plants	4.28	6.18	4.22	4.53	13.03	12.94	56.15
Fertilizers, soil and soil conditioners	8.25	4.72	9.75	6.19	15.32	50.90	95.85
Pesticides	5.89	6.01	5.66	7.59	33.76	20.66	63.60
Horticultural services, snow and garbage removal	14.22	13.72	12.45	8.84	35.08	39.74	0.00
Other household supplies	3.35	3.11	3.27	3.38	8.24	6.87	10.71
<b>Household furnishings and equipment</b>	<b>3.75</b>	<b>3.50</b>	<b>3.39</b>	<b>3.53</b>	<b>6.53</b>	<b>5.93</b>	<b>13.86</b>
Household furnishings	5.77	5.41	5.70	5.17	10.86	9.77	24.36
Furniture	7.18	7.33	7.52	6.98	13.86	13.03	14.39
Rugs, mats and underpadding	12.79	13.43	20.90	15.74	20.44	45.03	46.10
Window coverings and household textiles	10.28	7.30	6.42	5.84	14.13	16.24	27.78
Art, antiques and decorative ware	10.06	12.90	8.70	8.79	16.84	19.06	43.85
Works of art, carvings and vases	15.80	20.51	12.51	13.50	14.86	20.76	20.44
Antiques	32.55	32.30	45.37	30.42	43.92	58.20	89.83
Glass mirrors, and mirror and picture frames	9.66	9.92	7.69	9.64	21.90	20.46	57.29
Household equipment	4.36	3.79	2.99	3.83	7.39	6.35	5.07
Household appliances	5.81	4.92	4.72	5.86	10.90	6.20	11.67
Room air conditioners, portable humidifiers and dehumidifiers	20.79	23.68	17.11	31.76	49.60	38.79	89.57
Refrigerators and freezers	11.38	10.66	9.10	13.97	24.65	22.58	75.07
Cooking stoves and ranges	13.29	12.68	11.64	16.85	31.78	27.42	82.99
Microwave and convection ovens	17.05	14.53	13.46	12.08	25.40	24.89	41.26
Gas barbecues	15.75	15.16	12.98	10.54	22.27	19.56	43.82
Small electric food preparation appliances	6.62	7.18	5.98	6.34	12.79	8.45	17.02
Washers and dryers	11.83	11.86	10.53	10.99	26.30	22.06	19.17
Vacuum cleaners and other rug cleaning equipment	13.94	12.68	10.13	9.55	29.14	16.64	50.77
Portable dishwashers	32.32	32.29	22.00	28.47	75.40	61.83	38.84
Sewing machines	36.18	29.48	22.54	27.73	82.28	24.60	26.60

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Other electric equipment and appliances	7.60	8.98	6.17	8.18	22.58	19.51	75.28
Attachments and parts for major appliances	6.65	7.10	6.46	6.45	11.29	20.37	36.72
Home and workshop tools and equipment	11.79	8.50	7.27	7.04	15.87	19.84	10.13
Power tools and equipment	12.69	10.67	9.12	8.99	18.89	25.46	15.59
Other tools	17.49	10.54	7.55	7.42	15.95	14.23	22.37
Lawn, garden and snow-removal tools and equipment	10.40	8.81	7.95	9.18	23.37	26.72	50.68
Power lawn mowers and garden equipment	14.70	14.64	11.95	14.58	31.55	49.81	0.00
Snow-blowers	23.66	20.50	28.70	40.03	50.40	100.15	0.00
Other lawn, garden/ and snow removal tools and equipment	11.52	7.14	7.54	8.87	18.44	22.26	50.68
Lamps and lampshades	11.57	11.92	8.61	14.39	31.75	27.88	36.41
Non-electric kitchen and cooking equipment	6.64	6.77	5.59	7.19	36.55	10.56	20.04
Tableware, flatware and knives	13.12	11.32	8.20	12.89	23.97	23.21	17.61
Non-electric cleaning equipment	4.97	5.42	3.88	4.16	12.77	9.77	28.14
Luggage	11.40	9.63	8.41	9.68	14.26	15.85	14.62
Home security equipment	15.50	12.04	14.96	17.19	31.95	25.17	44.83
Other household equipment, parts and accessories	6.65	5.60	5.79	5.89	14.64	22.27	43.55
Maintenance and repairs of furniture and equipment	9.08	8.23	6.42	6.09	21.45	15.46	66.41
Furniture, carpeting and household textiles	11.68	10.21	8.68	8.01	17.08	18.37	80.30
Major household appliances	11.23	10.38	7.99	10.12	42.74	21.42	80.55
Other maintenance and repairs of furniture and equipment	18.70	23.84	17.82	14.61	21.73	52.80	81.81
Services related to furnishings and equipment	14.23	9.46	11.94	10.24	43.42	50.79	59.44
Rental of heating equipment	24.87	12.61	36.71	50.69	71.66	67.07	125.28
Other services related to furnishings and equipment	14.85	14.27	10.16	10.29	47.48	41.74	59.23
<b>Clothing</b>	<b>2.86</b>	<b>2.44</b>	<b>2.48</b>	<b>2.36</b>	<b>6.84</b>	<b>3.95</b>	<b>14.26</b>
Women's and Girls' wear (4 years and over)	3.43	2.82	3.29	2.88	8.66	4.46	18.32
Clothing	3.82	3.08	3.24	3.14	7.93	3.23	12.77
Footwear	4.27	2.73	3.10	2.75	10.39	5.02	11.07
Accessories	4.97	5.85	4.42	4.12	13.48	9.07	11.18
Jewellery and watches	9.86	10.20	14.11	9.53	28.27	19.93	62.09
Clothing gifts to non-household members	4.43	6.16	6.17	6.23	14.13	13.67	31.77
Men's and Boys' wear (4 years and over)	3.19	2.75	2.56	3.12	7.02	4.51	11.77
Clothing	3.59	3.07	2.56	3.71	8.60	5.42	10.69
Footwear	3.15	2.93	2.52	2.70	7.81	4.26	4.23
Accessories	5.45	5.56	4.23	5.69	17.31	6.68	13.30
Jewellery and watches	16.14	17.63	12.20	10.30	19.94	16.63	34.64
Clothing gifts to non-household members	4.94	6.93	6.66	5.80	16.07	11.02	30.69
Children's wear (under 4 years)	8.05	8.07	5.75	5.72	15.59	10.32	23.51
Clothing and cloth diapers	15.26	16.66	9.23	9.04	30.27	19.95	9.44
Footwear	19.98	12.84	9.65	11.68	31.32	20.67	33.12
Clothing gifts to non-household members	8.49	7.40	7.10	6.52	17.39	12.18	41.03
Clothing material, notions and services	4.57	5.28	4.05	4.08	14.18	10.66	18.88
Clothing material (excluding household textiles)	13.54	9.41	9.06	12.55	29.56	20.50	24.18

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Notions	10.36	9.18	7.74	9.42	21.29	16.91	16.86
Services	4.48	6.60	4.59	4.26	15.27	14.56	36.47
Dressmaking, tailoring, clothing storage and other clothing services	13.25	27.25	21.27	16.01	36.15	34.76	99.51
Laundry and dry-cleaning service	6.28	7.66	5.47	6.26	23.31	22.42	52.73
Laundromats and self-service dry cleaning	9.09	15.95	8.66	7.00	29.96	33.02	88.45
Maintenance, repair and alteration	8.56	7.18	7.52	6.03	31.34	28.94	62.14
<b>Transportation</b>	<b>3.43</b>	<b>3.31</b>	<b>3.01</b>	<b>2.71</b>	<b>8.75</b>	<b>6.55</b>	<b>9.76</b>
Private transportation	3.72	3.54	3.24	2.96	10.37	10.78	17.20
Purchase of automobiles and trucks	7.86	7.98	7.71	7.54	19.58	20.60	32.09
Automobiles	12.23	9.20	10.40	9.88	36.57	34.90	124.21
Trucks (including vans)	8.87	12.63	9.56	10.26	19.95	18.17	28.60
Separate sale of automobiles and trucks	-20.44	-19.78	-17.66	-20.84	-42.14	-61.76	-65.58
Purchase of automotive accessories	18.87	13.26	14.44	20.67	22.36	24.60	60.02
Rented and leased automobiles and trucks	9.91	13.18	8.49	11.19	18.84	14.40	20.47
Rented automobiles and trucks	12.77	14.40	9.19	13.88	18.62	12.06	22.36
Automobiles	14.28	17.81	10.83	15.41	19.62	5.94	11.81
Rental fees (including insurance and mileage)	15.43	17.75	11.62	16.43	19.47	4.74	12.90
Gas and other fuels	16.84	24.82	11.49	14.02	22.93	18.76	18.89
Other expenses for rented automobiles	52.29	62.99	29.63	22.40	43.78	36.67	36.08
Trucks (including vans)	24.55	26.00	23.47	22.15	50.69	44.09	86.34
Rental fees (including insurance and mileage)	24.92	26.81	23.05	23.19	50.90	42.59	86.80
Gas and other fuels	34.73	28.21	24.24	23.63	50.48	54.33	83.67
Other expenses for rented trucks	99.68	74.11	78.65	47.67	0.00	83.55	0.00
Leasing fees for automobiles and trucks	10.99	14.37	9.96	13.26	32.73	20.85	108.82
Operation of owned and leased automobiles and trucks	1.90	2.34	1.59	1.61	5.73	8.17	11.23
Gasoline and other fuels	2.42	2.76	2.26	2.15	6.23	9.17	8.20
Tires, batteries, and other automotive parts and supplies	5.22	5.95	4.63	4.82	9.66	8.08	48.55
Maintenance and repair	4.93	6.44	4.01	4.26	9.85	9.13	26.30
Garage rent and parking	6.39	7.60	6.68	8.84	35.03	31.89	89.83
At dwelling (not included in rent)	19.02	31.09	24.52	27.12	73.51	84.18	0.00
Parking away from home	7.07	8.00	7.08	9.02	34.67	43.73	89.83
Driving lessons	19.22	61.95	14.63	18.70	44.00	28.03	105.16
Drivers' licences and tests	3.21	4.51	5.78	10.33	15.69	10.76	32.67
Private and public vehicle insurance premiums	2.61	7.10	1.74	5.39	6.73	9.71	14.55
Registration fees and licences (including insurance if part of registration)	9.70	2.36	2.24	3.58	18.05	7.88	23.92
Other automobile and truck operation services	6.48	6.33	4.84	8.21	40.39	23.71	73.79
Public transportation	5.21	6.43	4.66	4.23	12.80	12.22	13.11
City or commuter bus, subway, street car and commuter train	6.44	11.54	6.15	6.28	22.12	33.34	56.29
Taxi	12.15	17.73	9.39	14.59	15.83	17.30	31.59
Airplane	7.53	8.80	6.26	5.92	15.86	13.97	10.92
Train	27.66	39.99	49.13	39.49	42.33	60.44	104.19

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Highway bus	13.68	14.67	11.64	11.71	37.17	39.78	87.61
Other passenger transportation	15.74	18.00	13.74	6.27	27.96	33.92	75.34
Household moving, storage and delivery services	22.96	29.03	15.42	11.44	28.71	32.09	41.70
<b>Health care</b>	<b>3.12</b>	<b>2.85</b>	<b>2.44</b>	<b>2.80</b>	<b>11.00</b>	<b>8.62</b>	<b>14.11</b>
Direct costs to household	3.48	2.94	3.46	3.63	11.36	8.62	10.03
Health care supplies	14.37	16.39	12.37	17.51	16.51	23.70	33.70
Medicinal and pharmaceutical products	3.40	3.75	5.60	3.32	8.88	10.75	23.33
Prescribed	4.08	5.16	5.02	4.64	11.04	15.84	25.07
Other medicines and pharmaceutical products	4.70	5.21	9.77	4.45	11.46	9.09	25.17
Physicians' care	22.84	33.48	20.12	32.65	79.80	36.19	89.83
Other health care practitioners	10.38	9.89	8.10	8.65	26.98	20.95	61.56
Eye-care goods and services	5.71	6.62	4.15	5.45	13.77	22.27	8.78
Prescription eye wear	5.15	5.22	4.48	4.73	10.99	14.43	11.04
Other eye care goods	7.87	6.55	6.61	7.09	17.11	13.04	48.60
Eye care services (e.g., surgery, exams)	20.98	21.54	13.83	22.94	56.65	77.18	88.97
Dental services	6.77	6.67	6.10	6.04	23.93	21.30	29.78
Hospital care	52.68	32.05	34.90	40.74	68.72	91.02	0.00
Other medical services	39.88	32.48	29.13	38.95	33.80	45.06	84.06
Health insurance premiums	5.43	6.36	2.53	3.00	14.41	15.97	37.54
Public hospital, medical and drug plans	31.31	19.35	2.52	2.92	35.84	40.41	100.21
Private health insurance plans	5.52	6.53	4.58	5.58	15.05	16.13	41.79
Private health care plans (e.g., supplementary coverage, extended benefit packages, drug plans, etc.)	5.56	6.32	5.90	7.71	23.73	19.57	45.14
Dental plans	14.93	19.37	9.45	10.99	34.29	41.26	0.00
Accident and disability insurance	11.01	12.98	9.54	10.34	22.39	26.03	39.37
<b>Personal care</b>	<b>2.26</b>	<b>2.09</b>	<b>2.21</b>	<b>1.78</b>	<b>6.44</b>	<b>4.61</b>	<b>12.22</b>
Personal care supplies and equipment	2.71	2.61	2.52	2.03	6.10	6.40	11.71
Personal care preparations	2.99	2.85	2.83	2.21	6.64	5.47	9.55
Disposable diapers	8.93	8.23	8.24	8.64	24.86	21.10	15.96
Electric hair-styling and personal care appliances	7.71	7.48	6.85	7.14	25.37	17.72	32.39
Other personal care supplies and equipment	4.44	4.35	4.09	5.48	12.82	8.72	31.49
Personal care services	2.68	2.64	3.08	2.44	9.26	7.96	32.05
Hair grooming	2.75	2.47	3.33	2.52	7.57	8.43	29.51
Other personal services	10.52	12.08	6.90	8.60	28.29	26.54	68.73
<b>Recreation</b>	<b>3.48</b>	<b>3.61</b>	<b>2.66</b>	<b>4.20</b>	<b>8.12</b>	<b>6.07</b>	<b>8.77</b>
Recreation equipment and associated services	3.37	3.63	3.43	3.41	7.57	6.75	13.36
Sports and athletic equipment	5.87	7.54	6.31	6.62	17.95	12.98	27.36
Playground equipment, above-ground pools and accessories	27.62	18.43	22.31	37.20	38.27	45.00	93.66
Toys and children's vehicles	5.76	6.21	5.21	4.80	19.58	7.93	21.28
Electronic games and parts	6.51	7.30	6.35	6.73	14.91	15.24	35.79
Video game rental	9.88	11.53	7.02	10.54	61.20	23.74	53.42
Artists' materials, handicraft and hobbycraft kits							

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
and materials	9.18	7.95	7.61	9.45	16.23	16.85	36.01
Computer equipment and supplies	7.59	7.82	7.12	5.89	12.56	13.09	10.53
Computer hardware	8.40	8.97	7.95	6.47	12.93	16.49	17.30
New	8.90	9.21	8.19	6.83	13.77	15.98	17.85
Used	20.37	30.09	17.73	16.52	57.09	52.42	70.17
Computer software	12.07	15.03	9.59	9.32	19.97	16.35	40.10
Computer supplies and other equipment	8.98	10.00	6.38	6.50	13.39	21.31	77.50
Photographic goods and services	4.40	5.43	3.96	4.05	9.17	9.25	18.12
Cameras and accessories	11.74	13.26	9.61	10.41	14.00	22.00	39.28
Films and processing	4.04	3.92	3.80	3.35	11.13	9.22	11.28
Photographers' and other photographic services	10.33	11.17	8.31	8.65	13.90	10.29	36.02
Musical instruments, parts and accessories	23.72	16.54	24.58	17.96	51.97	29.52	55.52
Collectors' items (e.g., stamps, coins)	18.96	23.07	13.99	15.67	35.61	33.72	29.45
Camping, picnic equipment and accessories (excluding BBQ's)	9.59	13.53	10.25	9.53	17.93	11.40	29.77
Supplies and parts for recreational equipment	18.25	10.43	10.18	9.87	13.46	14.38	47.32
Rental, maintenance and repairs of equipment	25.78	14.76	15.60	18.49	66.64	35.03	86.54
Recreation vehicles and associated services	17.11	14.64	12.00	19.30	19.36	14.38	11.42
Purchase of recreation vehicles	23.89	18.58	16.69	29.19	25.39	15.97	14.68
Bicycles, parts and accessories	10.89	13.30	10.52	11.48	35.25	29.69	24.04
Other recreational vehicles and outboard motors	26.33	20.28	19.04	33.66	29.07	17.02	17.29
Travel trailers	40.32	49.30	31.09	80.13	100.15	38.88	0.00
Tent trailers	55.23	-108.12	52.62	115.61	0.00	100.91	0.00
Motorcycles	51.38	72.41	78.68	42.57	71.63	55.31	104.05
Snowmobiles	50.46	26.04	33.38	39.74	31.16	19.57	22.72
Motor homes	220.84	58.62	-48.47	73.00	100.08	103.27	0.00
Truck campers	129.09	73.53	63.87	-571.06	101.45	0.00	0.00
Boats	-336.93	96.17	55.35	65.74	63.97	52.75	42.92
Outboard motors and personal watercraft	62.79	43.67	76.38	56.91	104.15	30.65	-106.79
Other recreation vehicle purchases	33.18	50.14	34.93	39.51	48.39	54.34	45.36
Operation of recreational vehicles	12.12	14.17	8.39	13.10	11.99	18.11	10.64
Bicycle maintenance and repairs	23.82	15.20	20.02	17.24	37.23	31.60	106.79
Expenses for rented and leased recreational vehicles	27.19	41.33	30.43	49.76	49.80	56.90	110.79
Gasoline and other fuels	13.25	22.37	9.63	12.89	14.13	22.23	15.67
Supplies and parts	28.30	18.14	15.50	19.06	25.45	30.37	14.76
Maintenance and repair jobs	24.35	20.04	16.24	17.75	32.04	35.75	18.31
Insurance premiums	14.45	15.95	8.23	10.51	19.61	18.31	21.53
Registration fees and licences	13.68	11.31	33.75	16.88	18.46	14.88	14.53
Other expenses for operation of recreational vehicles	24.24	25.73	26.98	32.94	102.06	39.39	89.74
Home entertainment equipment and services	5.60	4.91	4.09	3.90	9.59	7.40	12.26
Equipment	6.79	5.67	4.94	4.71	11.46	7.91	10.53
Audio (e.g., radio, CD players, speakers)	15.87	11.56	8.91	10.08	15.59	16.66	17.13
Compact discs, tapes, videos and video discs	6.99	6.79	5.84	5.56	11.35	8.87	19.73
Blank audio and video tapes	13.09	6.13	7.63	5.63	22.12	14.79	29.30
Televisions, VCRs, camcorders and other television/video component	8.49	8.91	8.26	7.03	20.17	17.84	15.04

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Other home entertainment equipment	15.64	10.20	15.19	13.42	28.50	19.34	55.22
Services	4.94	4.85	3.49	3.29	7.36	13.01	24.69
Rental of videotapes and video discs	4.57	5.12	3.22	3.41	9.06	14.57	24.50
Rental of home entertainment equipment and other services	54.59	32.83	57.05	28.11	75.60	214.87	0.00
Maintenance and repair of home entertainment equipment	11.08	11.14	9.62	10.65	28.95	21.89	66.40
Recreation services	3.13	3.89	3.20	3.14	11.53	5.09	8.21
Entertainment	1.81	2.28	2.24	1.92	6.64	4.55	12.50
Movie theatres	5.38	4.86	5.07	4.77	21.05	11.11	49.49
Live sports events	7.00	8.22	14.12	8.83	16.35	18.54	25.77
Live performing arts	5.71	6.00	4.76	6.32	17.53	29.59	34.08
Admission to museums and other activities	7.46	6.26	5.23	5.86	18.78	13.89	30.61
Rental of cablevision and satellite services	2.03	2.49	1.98	1.75	7.35	6.55	14.30
Use of recreation facilities	4.82	5.90	4.58	4.74	14.86	13.19	31.39
Membership fees for sports and recreation facilities	5.98	8.81	5.84	5.80	17.09	17.85	25.46
Single use fees for sports and recreation facilities	9.26	9.35	7.40	8.81	18.17	16.22	66.87
Video, pinball and carnival games	9.42	12.18	11.03	8.95	26.98	37.48	66.07
Children's camps	12.90	12.94	11.42	11.39	42.20	25.44	58.32
Package travel tours	14.99	14.10	13.18	9.77	30.76	23.98	42.89
Other recreational services	10.03	8.41	10.89	15.41	12.83	17.33	61.65
<b>Reading materials and other printed matter</b>	<b>3.18</b>	<b>3.05</b>	<b>2.71</b>	<b>2.82</b>	<b>10.51</b>	<b>6.93</b>	<b>27.01</b>
Newspapers	3.21	3.53	2.54	3.22	8.80	8.15	32.46
Magazines and periodicals	4.39	4.25	4.13	4.46	11.77	7.90	18.45
Books and pamphlets (excluding school books)	6.82	5.70	4.50	4.77	15.08	12.45	36.41
Maps, sheet music and other printed matter	10.35	11.90	10.04	9.57	16.86	29.98	58.79
Services related to reading materials (e.g., duplicating, library fees)	11.20	14.14	10.66	10.56	38.11	17.08	65.87
<b>Education</b>	<b>6.68</b>	<b>7.08</b>	<b>5.94</b>	<b>5.85</b>	<b>24.21</b>	<b>12.01</b>	<b>60.89</b>
Supplies	6.13	10.37	9.19	10.25	22.10	30.12	53.30
Kindergarten, nursery, elementary and secondary	6.12	4.92	5.75	5.85	14.54	9.53	44.09
Post-secondary	14.06	22.69	19.96	18.37	44.56	64.77	71.07
Textbooks	9.79	11.19	7.23	7.99	26.84	12.14	87.41
Kindergarten, nursery, elementary and secondary	20.87	12.91	16.77	28.07	29.11	36.94	62.80
Post-secondary	10.48	12.23	8.01	8.10	29.00	13.40	90.89
Tuition fees	8.25	8.89	7.06	7.39	33.90	11.98	38.88
Kindergarten, nursery, elementary and secondary	25.35	18.12	15.62	18.55	35.28	16.13	0.00
Post-secondary	8.68	9.93	7.92	7.84	34.67	12.83	38.88
Other courses and lessons (excluding driving)	10.27	10.20	11.72	8.62	22.24	26.47	41.63
Other educational services	21.01	20.45	18.02	27.39	77.26	24.20	0.00
<b>Tobacco products and alcoholic beverages</b>	<b>4.16</b>	<b>4.64</b>	<b>3.56</b>	<b>3.38</b>	<b>8.02</b>	<b>8.27</b>	<b>5.40</b>
Tobacco products and smokers' supplies	5.07	6.14	4.68	4.72	12.87	8.47	7.49
Cigarettes, cigars and tobacco	5.15	6.22	4.69	4.77	12.87	8.47	7.18
Matches and other smokers' supplies	33.67	16.00	10.25	17.31	25.21	9.88	26.94

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Alcoholic beverages	5.37	5.11	4.11	4.33	11.77	11.93	31.00
Served on licensed premises	8.71	6.72	6.53	8.23	17.02	20.14	55.61
Purchased from stores	5.44	6.32	4.49	3.61	12.47	6.96	39.30
Self-made alcoholic beverages	15.22	13.79	12.68	7.22	24.34	18.22	61.79
<b>Games of chance (net)</b>	<b>7.09</b>	<b>6.62</b>	<b>11.59</b>	<b>11.94</b>	<b>22.66</b>	<b>16.20</b>	<b>33.31</b>
Government-run lotteries	6.19	6.76	6.04	4.90	12.33	12.02	15.50
Casinos, slot machines, and video lottery terminals	14.49	12.62	22.05	25.12	31.12	42.43	69.60
Bingos	13.47	16.34	18.43	19.73	47.96	18.16	31.25
Non-government lotteries and raffle tickets	10.22	5.94	8.13	8.87	12.83	9.58	69.19
Winnings from games of chance	-13.65	-11.59	-12.37	-10.80	-23.46	-23.68	-39.29
<b>Miscellaneous expenditures</b>	<b>4.43</b>	<b>7.27</b>	<b>4.65</b>	<b>5.44</b>	<b>14.26</b>	<b>6.80</b>	<b>21.43</b>
Expenses on other property owned	24.45	24.29	23.21	17.44	46.07	49.52	55.15
Legal services not related to dwellings	15.85	29.82	19.82	23.10	37.07	26.20	89.82
Financial services	5.30	5.00	5.84	7.28	18.69	15.82	24.72
Service charges from banks	3.52	5.90	2.81	3.34	11.04	5.60	40.05
Stock and bond commissions	22.66	21.27	19.00	28.80	62.52	50.34	51.93
Administration fees	22.91	15.56	27.13	13.42	35.50	25.95	62.60
Other financial services	9.88	6.91	5.79	7.33	16.21	11.74	51.30
Dues to unions and professional associations	5.45	5.84	6.54	5.88	16.10	10.10	16.03
Contributions and dues for social clubs and other organizations	11.20	8.72	10.06	11.89	20.80	21.43	51.66
Forfeit of deposits, fines, and money lost or stolen	13.07	27.03	8.47	10.25	31.38	22.13	91.07
Tools and equipment purchased for work	28.27	18.26	17.56	13.99	17.49	33.03	61.81
Other miscellaneous goods and services	16.92	28.69	23.89	16.02	33.98	44.90	84.54
Goods	39.47	39.44	29.26	24.60	52.11	73.99	0.00
Services	18.31	33.77	27.06	21.46	51.15	46.70	84.54
<b>Personal taxes</b>	<b>2.07</b>	<b>3.30</b>	<b>3.08</b>	<b>2.36</b>	<b>10.08</b>	<b>6.18</b>	<b>14.54</b>
Income tax on reference year income	1.86	2.81	2.96	2.10	9.67	5.95	12.29
Income tax on income received before reference year	10.19	16.58	12.04	11.15	33.55	24.12	89.86
Other personal taxes	105.24	100.38	95.27	73.77	101.29	78.05	0.00
Tax refunds	-4.24	-5.54	-4.46	-5.80	-11.86	-7.07	-17.99
<b>Personal insurance payments and pension contributions</b>	<b>7.81</b>	<b>3.87</b>	<b>1.86</b>	<b>2.98</b>	<b>8.44</b>	<b>7.10</b>	<b>14.81</b>
Life insurance premiums	5.67	7.72	8.98	6.81	20.09	14.43	43.29
Annuity contracts and transfers to RRIFs	88.10	78.33	54.10	38.93	58.53	0.00	38.23
Employment insurance premiums	0.66	0.80	0.70	0.75	5.39	4.16	6.46
Retirement and pension fund payments	2.32	2.42	2.45	2.33	9.34	8.78	16.76
Canada and Quebec pension plan	1.52	1.64	1.03	1.41	6.34	4.54	8.69
Other government pension funds	8.72	8.77	11.33	9.19	18.26	18.31	21.48
Other retirement or pension funds (excluding RRSP)	6.21	7.82	8.38	9.42	37.83	21.47	53.76

**Technical Table 1b**  
**Coefficients of Variation (%) for Average Household Expenditures, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
<b>Gifts of money and contributions</b>	<b>7.65</b>	<b>9.61</b>	<b>6.59</b>	<b>15.77</b>	<b>15.56</b>	<b>17.22</b>	<b>17.27</b>
Money and support payments	11.68	12.05	9.74	21.31	15.76	21.21	21.18
Alimony and child support	19.59	17.90	21.25	17.01	31.96	36.60	73.90
Gifts of money and other support payments to persons living inside Canada	14.70	14.32	11.84	28.51	19.67	31.52	26.57
Gifts of money and other support payments to persons living outside Canada	23.05	31.88	21.97	17.25	41.16	28.19	89.83
Contributions to charity	8.63	8.49	6.86	7.26	24.49	11.98	26.44
Religious organizations	10.45	7.52	8.93	9.14	31.89	13.59	50.60
Non-religious charitable organizations	14.53	19.65	8.69	11.40	22.23	21.48	46.79
<b>Selected items in asset money flows</b>							
Registered retirement savings plans	22.84	28.79	7.14	9.03	29.50	16.09	12.74
Investment in the home							
Additions, renovations and alterations: contract, labour and material cost	11.60	14.54	11.16	9.85	25.44	17.93	91.47
New installations of equipment and fixtures: contract, labour and material cost	14.08	15.88	15.55	14.75	44.24	61.46	106.79

**Technical Table 2a**  
**Coefficients of Variation (%) for Dwelling Characteristics and Household**  
**Equipment, Canada, from Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Estimated number of households	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average household income before tax	0.61	1.29	1.50	1.42	0.92	0.98	1.25
Average household size	0.12	0.29	0.36	0.31	0.28	0.25	0.24
Average number of rooms per dwelling	0.35	0.87	1.45	0.97	0.79	0.74	0.68
<b>Dwelling Characteristics (at December 31)</b>							
Type of dwelling							
Single detached	1.05	1.76	3.48	1.93	1.89	2.63	2.16
Single attached	4.34	10.27	22.73	14.92	14.51	8.23	7.65
Apartment	1.67	8.67	11.02	5.69	6.07	2.50	3.42
Other	8.28	23.82	26.17	13.94	14.48	27.46	29.57
Repairs needed							
Major	3.84	10.00	18.17	8.61	8.19	8.40	8.19
Minor	2.68	7.16	11.35	6.19	7.11	5.91	5.50
None	0.69	1.50	2.50	1.81	2.10	1.19	1.48
Tenure							
Owned	0.83	1.43	2.87	1.84	1.64	1.99	1.71
With mortgage	1.49	3.99	5.60	4.00	3.93	3.61	2.85
Without mortgage	1.53	2.31	5.85	3.34	3.56	3.76	3.08
Rented	1.46	5.07	8.76	4.57	4.55	2.46	2.96
Year of move							
1999	2.78	7.55	12.39	6.80	7.37	5.31	6.17
1994 - 1998	1.50	4.58	7.49	4.32	4.20	3.24	2.85
Before 1994	1.07	1.46	3.48	2.46	2.06	2.12	2.19
Period of construction							
1991 - 1999	5.00	14.84	16.02	10.01	7.61	9.14	11.79
1981 - 1990	2.90	8.07	10.71	6.78	6.88	5.77	6.00
1971 - 1980	2.28	5.16	9.09	5.38	5.55	5.05	4.91
1961 - 1970	2.77	6.96	13.50	9.50	7.87	5.73	5.45
1946 - 1960	2.76	6.70	17.15	7.37	7.17	5.06	5.53
Before 1946	3.21	9.11	9.21	5.94	6.59	5.66	6.11
Number of rooms							
1-4	1.71	7.48	9.45	5.06	4.37	2.85	3.70
5	2.38	6.11	11.23	6.26	5.38	4.54	5.27
6	2.61	5.52	10.53	6.40	5.81	5.79	4.92
7 or more	1.28	3.20	5.18	3.79	3.37	3.29	2.43
Bathrooms							
1	0.85	1.43	2.10	1.45	1.44	1.34	1.86
2 or more	1.49	5.44	8.04	5.45	5.70	3.86	3.00
Principal heating equipment							
Steam or hot water furnaces	3.13	9.08	4.26	5.37	8.89	6.60	6.43
Forced hot air furnaces	1.08	5.13	6.20	4.11	4.89	6.28	1.77
Other hot air furnaces	8.72	21.09	53.83	21.49	21.98	17.32	18.88
Heating stoves	6.08	8.87	17.36	13.57	8.69	8.53	23.01
Electric heating	1.83	3.76	45.16	5.74	3.29	1.99	7.15

**Technical Table 2a**  
**Coefficients of Variation (%) for Dwelling Characteristics and Household**  
**Equipment, Canada, from Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
Other	24.27	0.00	98.90	46.18	51.28	101.12	43.07
Age of principal heating equipment							
5 years or less	2.82	5.18	8.80	5.01	6.23	7.77	4.95
6 to 10 years	3.03	6.69	7.19	6.50	6.24	6.34	6.07
Over 10 years	0.97	3.13	4.57	3.02	2.59	1.50	2.19
Principal heating fuel							
Oil or other liquid fuel	3.05	4.96	1.79	2.77	5.06	5.49	7.33
Piped gas	1.30	0.00	0.00	0.00	0.00	9.93	2.22
Bottled gas	12.50	54.20	39.88	28.37	51.44	39.66	24.78
Electricity	1.61	3.64	45.16	5.52	2.90	1.74	6.28
Wood	5.35	6.13	12.59	8.68	6.37	8.01	23.51
Other	17.31	100.59	64.59	33.25	59.37	42.56	42.77
Principal heating fuel for hot water							
Oil or other liquid fuel	4.71	8.49	3.80	3.98	9.25	10.01	13.58
Piped gas	1.37	0.00	0.00	0.00	0.00	11.41	2.34
Electricity	1.26	1.33	11.46	2.55	1.02	0.92	4.81
Other heating fuel or no running hot water	10.61	22.69	19.32	13.33	23.35	35.08	24.88
Principal cooking fuel							
Piped gas	5.25	0.00	0.00	0.00	0.00	23.26	7.76
Electricity	0.32	0.44	1.17	0.81	0.29	0.31	0.80
Other cooking fuel	9.94	18.44	13.85	12.65	22.31	29.31	27.86
<b>Household Equipment (at December 31)</b>							
Washing machine	0.54	0.92	1.74	1.39	1.00	0.92	1.25
Automatic	0.55	1.33	1.80	1.54	1.09	0.93	1.25
Other	12.29	11.16	41.23	14.99	23.55	28.62	43.98
Clothes dryer	0.59	1.40	2.15	1.53	1.06	1.09	1.32
Dishwasher	1.13	4.20	5.81	3.81	3.11	2.30	2.49
Built in	1.29	4.85	6.52	4.94	3.48	2.46	2.87
Portable	4.31	13.92	16.55	10.19	10.24	11.28	9.04
Refrigerators	0.09	0.08	0.00	0.02	0.00	0.14	0.21
1	0.62	1.12	1.51	1.20	1.12	1.13	1.40
2 or more	1.94	6.76	14.41	7.54	7.54	4.26	3.44
Freezer	0.92	1.18	2.85	1.88	1.60	2.31	1.95
Microwave oven	0.40	0.89	1.35	0.87	0.93	0.91	0.79
Air conditioner	1.76	17.21	34.95	10.42	8.08	5.11	2.27
Window	3.19	35.31	35.87	12.19	9.45	6.36	4.75
Central	2.58	20.23	61.08	24.25	16.03	8.70	3.22
Telephones (includes business use)	0.15	0.48	0.64	0.33	0.50	0.40	0.24
1	2.15	5.77	7.82	5.47	5.13	3.90	5.02
2	1.54	3.68	6.10	3.93	3.36	3.57	3.03
3 or more	1.26	2.98	5.60	3.46	3.55	3.02	2.28
Cellular Telephone	1.57	5.32	8.31	4.64	4.91	4.42	2.90
Compact disc player	0.67	1.43	2.73	1.86	1.70	1.59	1.30
Cablevision	0.88	1.58	2.86	2.33	2.25	1.87	1.86
Video cassette recorders	0.39	0.84	1.40	0.82	0.94	0.98	0.71

**Technical Table 2a**  
**Coefficients of Variation (%) for Dwelling Characteristics and Household**  
**Equipment, Canada, from Newfoundland to Ontario, 1999**

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.
1	0.93	2.10	3.12	2.13	2.19	1.94	1.85
2 or more	1.68	3.71	8.37	4.95	4.23	3.87	3.41
Home computer	0.97	2.77	4.85	2.91	3.32	2.53	1.75
Modem	1.28	3.98	5.44	3.65	4.10	3.44	2.32
Internet use from home	1.45	4.38	6.47	4.22	4.79	3.99	2.60
Colour televisions	0.13	0.26	0.30	0.28	0.27	0.27	0.21
1	1.22	4.00	5.33	3.46	3.45	2.58	2.47
2	1.52	3.66	5.61	3.66	3.76	3.21	3.05
3 or more	2.20	3.75	8.52	5.62	4.19	5.36	4.26
Owned vehicles (automobiles, trucks and vans)	0.61	1.35	1.70	1.19	1.32	1.57	1.23
1	1.31	2.85	4.50	3.15	2.88	2.66	2.69
2 or more	1.36	4.29	4.85	3.58	2.77	3.71	2.81
Owned automobiles	0.86	2.27	2.25	1.69	1.97	1.93	1.74
1	1.21	2.84	3.53	2.75	2.71	2.53	2.52
2 or more	2.44	8.83	9.05	7.00	6.61	5.11	4.87
Owned vans and trucks	1.50	3.52	5.25	3.78	3.17	4.51	3.26
1	1.71	3.58	5.49	4.38	4.04	4.76	3.58
2 or more	4.43	13.81	22.96	13.60	13.07	16.81	10.47
Leased vehicles (automobiles, trucks and vans)	3.84	9.42	13.68	10.39	8.20	6.29	7.78
1	4.07	9.38	13.84	11.22	8.73	6.65	8.30
2 or more	13.34	39.39	102.23	30.48	36.62	20.00	26.69

**Technical Table 2b**  
**Coefficients of Variation (%) for Dwelling Characteristics and Household**  
**Equipment, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Estimated number of households	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average household income before tax	1.12	1.43	1.63	1.15	6.12	4.39	4.41
Average household size	0.32	0.42	0.32	0.34	0.84	1.32	1.00
Average number of rooms per dwelling	0.93	0.85	0.74	0.85	4.13	3.80	2.19
<b>Dwelling Characteristics (at December 31)</b>							
Type of dwelling							
Single detached	2.14	1.97	2.14	2.43	7.64	10.27	5.26
Single attached	15.19	12.67	9.29	9.29	32.14	25.07	15.86
Apartment	4.81	9.12	5.74	4.12	29.23	23.82	36.36
Other	30.79	19.65	17.76	16.89	43.89	29.77	87.20
Repairs needed							
Major	8.68	11.16	9.36	7.60	25.97	22.94	26.38
Minor	6.02	7.24	6.28	5.14	11.39	11.16	21.55
None	1.90	1.86	1.59	1.60	7.88	5.89	4.32
Tenure							
Owned	2.34	1.97	1.50	1.67	9.96	13.38	16.48
With mortgage	3.67	3.84	3.29	3.22	12.77	14.61	15.40
Without mortgage	4.01	3.61	3.55	3.67	14.14	34.11	27.60
Rented	5.19	5.03	4.20	3.16	18.19	15.89	4.49
Year of move							
1999	6.47	7.03	5.95	5.31	18.77	7.63	12.79
1994 - 1998	3.64	4.70	3.40	3.51	8.52	10.66	5.75
Before 1994	2.44	2.62	2.74	2.79	9.82	18.23	9.01
Period of construction							
1991 - 1999	15.58	14.19	15.40	7.58	32.72	28.25	16.94
1981 - 1990	7.20	7.15	6.92	5.81	18.56	19.16	10.35
1971 - 1980	5.74	5.34	5.39	4.49	14.72	12.21	7.37
1961 - 1970	6.41	6.89	6.77	6.06	18.28	25.27	41.00
1946 - 1960	5.79	6.77	7.37	7.52	39.54	31.42	31.03
Before 1946	6.79	8.14	10.88	8.86	47.39	64.63	108.25
Number of rooms							
1-4	4.67	5.07	4.95	3.76	21.71	15.50	7.39
5	6.60	7.30	5.63	5.53	19.72	12.33	11.44
6	6.53	6.46	6.53	6.45	16.98	17.14	11.57
7 or more	3.73	3.03	2.53	2.89	12.78	12.70	30.53
Bathrooms							
1	2.00	2.32	2.76	2.38	9.70	8.90	1.40
2 or more	3.91	3.04	2.58	2.56	14.30	16.83	45.10
Principal heating equipment							
Steam or hot water furnaces	10.22	10.45	6.99	6.84	18.81	27.86	13.05
Forced hot air furnaces	2.01	1.39	1.27	2.33	5.72	8.94	28.41
Other hot air furnaces	18.63	28.98	24.07	15.93	53.63	57.38	101.61
Heating stoves	22.90	37.22	39.98	12.43	20.56	49.93	0.00
Electric heating	6.20	16.18	33.44	4.14	42.74	34.42	65.22

**Technical Table 2b**  
**Coefficients of Variation (%) for Dwelling Characteristics and Household**  
**Equipment, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Other	112.60	72.62	0.00	38.66	0.00	0.00	0.00
Age of principal heating equipment							
5 years or less	7.54	6.76	7.78	6.51	8.68	20.25	28.80
6 to 10 years	7.62	9.09	9.03	6.11	15.38	14.41	15.38
Over 10 years	2.01	1.96	2.97	2.19	7.32	8.21	8.58
Principal heating fuel							
Oil or other liquid fuel	17.98	15.39	47.14	10.69	6.82	2.34	1.05
Piped gas	2.61	2.08	0.66	2.67	0.00	0.00	0.00
Bottled gas	25.93	28.95	27.17	20.81	27.72	20.41	87.20
Electricity	4.48	20.02	18.74	3.60	31.77	20.74	65.22
Wood	21.93	26.74	45.32	16.87	27.36	49.77	0.00
Other	34.50	45.01	44.13	41.49	0.00	0.00	0.00
Principal heating fuel for hot water							
Oil or other liquid fuel	52.79	39.20	55.16	20.26	22.22	17.28	21.47
Piped gas	2.78	2.14	0.80	2.55	0.00	0.00	0.00
Electricity	3.28	8.01	9.60	3.03	4.64	9.58	31.78
Other heating fuel or no running hot water	22.68	27.42	22.20	22.99	37.76	16.98	87.20
Principal cooking fuel							
Piped gas	20.85	17.19	8.98	8.68	0.00	0.00	0.00
Electricity	0.40	0.53	0.86	0.76	1.93	1.14	0.00
Other cooking fuel	40.42	73.13	37.98	21.48	39.80	22.53	0.00
<b>Household Equipment (at December 31)</b>							
Washing machine	1.48	1.50	1.07	1.32	4.94	4.38	4.20
Automatic	1.51	1.54	1.11	1.33	4.94	4.87	4.58
Other	26.21	17.60	32.22	32.14	0.00	52.43	66.50
Clothes dryer	1.60	1.54	1.10	1.47	4.96	4.38	5.00
Dishwasher	3.13	3.12	2.18	2.13	13.33	11.34	29.93
Built in	3.62	3.62	2.63	2.53	15.91	14.04	25.30
Portable	9.35	8.80	9.41	8.48	19.52	18.31	55.22
Refrigerators	0.03	0.16	0.06	0.09	0.59	0.30	0.35
1	1.74	1.76	1.54	1.28	3.47	2.80	0.92
2 or more	4.68	4.45	4.12	4.96	21.99	23.31	57.11
Freezer	1.61	1.85	1.55	1.92	4.72	5.55	9.96
Microwave oven	0.83	1.21	0.66	0.92	3.62	1.78	8.69
Air conditioner	2.37	3.73	10.57	7.14	44.85	32.63	104.89
Window	6.17	7.56	16.90	10.53	58.24	32.63	0.00
Central	3.76	4.80	14.16	10.99	72.49	0.00	104.89
Telephones (includes business use)	0.34	0.50	0.23	0.42	0.82	0.93	3.82
1	4.92	4.73	5.54	4.33	15.77	9.21	10.80
2	3.97	4.05	3.66	3.19	7.46	6.47	8.47
3 or more	3.16	3.97	2.38	3.00	11.47	10.06	23.65
Cellular Telephone	3.90	4.06	2.73	3.06	15.93	20.75	74.84
Compact disc player	1.71	1.60	1.25	1.43	5.32	3.65	3.34
Cablevision	1.92	2.32	1.61	1.35	8.91	6.06	11.52

**Technical Table 2b**  
**Coefficients of Variation (%) for Dwelling Characteristics and Household**  
**Equipment, from Manitoba to Nunavut, 1999**

	Man.	Sask.	Alb.	B.C.	Yuk.	N.W.T.	Nvt
Video cassette recorders	1.04	1.14	0.70	0.87	3.20	1.11	4.32
1	2.53	2.50	1.92	2.00	5.85	4.10	4.67
2 or more	4.12	4.42	2.70	3.74	9.36	7.20	7.39
Home computer	2.57	2.89	1.88	1.88	6.36	6.06	12.20
Modem	3.47	4.09	2.56	2.46	8.20	8.94	18.12
Internet use from home	4.17	4.62	2.78	2.74	7.39	11.99	25.28
Colour televisions	0.53	0.37	0.43	0.40	0.98	0.39	0.99
1	2.81	3.23	2.78	2.40	5.58	8.80	6.55
2	3.42	3.75	2.99	3.48	8.81	7.10	8.35
3 or more	5.03	4.93	4.25	4.60	11.36	7.71	43.88
Owned vehicles (automobiles, trucks and vans)	1.22	1.31	0.92	1.01	4.16	8.20	12.60
1	3.36	3.29	3.25	2.48	10.95	8.92	9.75
2 or more	3.29	3.17	2.35	2.51	7.26	11.92	63.86
Owned automobiles	2.01	2.10	1.87	1.74	6.08	13.75	35.45
1	2.81	2.71	3.08	2.44	8.00	15.34	35.45
2 or more	6.34	6.41	5.15	5.38	24.13	15.65	0.00
Owned vans and trucks	3.03	3.01	2.43	2.62	5.16	8.36	15.49
1	3.40	3.26	3.51	3.25	7.69	7.51	16.52
2 or more	9.11	9.67	7.35	7.64	14.80	15.48	78.23
Leased vehicles (automobiles, trucks and vans)	8.80	13.80	9.15	10.97	38.36	25.04	109.81
1	9.06	14.86	9.64	11.13	38.36	28.76	109.81
2 or more	52.11	40.84	43.13	37.03	0.00	97.69	0.00

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-XPB.