

**FAMILY
DATA
- USER'S GUIDE -**

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INTRODUCTION

Urban planning, social policy, and local marketing strategies require a comprehensive understanding of regional socio-economic characteristics. The Small Area and Administrative Data Division (SAADD) provides various data sources which can contribute significantly to this knowledge.

The Family databank is one of these sources. This databank is compiled from information obtained through annual personal income tax returns and is updated annually.

For the 1991 tax year, four additional tables in this series concentrated on seniors and their family situation. Beginning with the 1992 tax year, these four tables constitute a separate data product called *Seniors*.

Starting with the 1994 tax year, two tables were added to the family series, bringing the total number of standard tables to 16.

Beginning with the 1995 data, a 17th table was added to the series; this table looks at low income among families, according to the *Low Income Measure (LIM)*. Starting with the 1997 tax year, the databank featured a new (18th) table showing *after-tax* low income families, based on the *After-Tax Low Income Measure*. All are available for more than 28,000 geographical areas.

During the course of the years since 1990, minor changes have also been brought to various tables, depending on customer demands and on details available from the taxfile. See *total income* in the Glossary section. Further changes to the standard tables are listed in the section "Statistical Tables - Footnotes and Historical Availability".

SECTION I -- THE DATA

Data Source

Development of the small area family data (called the T1 Family File, or the T1FF) is based on the census family concept. This concept, specific to Statistics Canada, is similar to the traditional family concept. The small area family data include parent(s) and non-married children (i.e., who reported a marital status other than "married" on the tax form) living in the same dwelling).

Starting with the 1992 tax year, common law couples were recognized as a separate category on the T1 General Tax form. As a result, the coverage of couple families (in which common law families are included) is very high. This comparison was done using estimates from Statistics Canada's Demography Division (see Figure 1). Beginning with the 2000 data, same-sex couples reporting as a couple are included as common-law couples, and therefore counted in the couple category.

The initial population used to develop the family units comprises all taxfilers for the reference year and represents approximately two-thirds of the Canadian population. The family units are formed from information obtained on the tax returns of the taxfiling family members.

First, taxfilers from the same family, including children, are matched using common links (e.g., spousal social insurance number, same name, and same address). Prior to 1993, non-filing children were identified from information on their parents' tax form. Information from the federal Family Allowance Program was used to assist in the identification of children. Since 1993, children are added to the family by using the Canada Child Tax Benefit (CCTB) file, the provincial births files and previous years of the T1FF.

The remaining taxfilers who have not been matched in the family formation process become non-family persons. They may be living with a family to whom they are related (e.g., brother-in-law, cousin, grandparent) or unrelated (e.g., lodger, roommate). They may be living with other non-family persons or living alone.

The family databank approximates the total Canadian population. It contains information on sources of income (from the taxfilers) and some demographic indicators (derived from both the taxfilers and the non-filers).

For the most part, tax returns were filed in the spring of the year following the reference year. The mailing address at the time of filing is the basis for the geographic information in the tables.

Data Quality

The data that appear in the tables are taken directly from the family databank, built from the income tax and the Canada Child Tax Benefit (CCTB) records. Information on income is obtained from taxfilers and includes incomes of their non-filing spouses and dependents. Demographic information is derived from taxfilers and non-filing dependant spouses and/or children, such as the estimates of "total taxfilers and dependents".

Figures derived from the databank compare well with estimated population counts. Coverage rates of the databank population by family type are reported in figure 1.

FIGURE 1 - RATES OF COVERAGE, 2001

Rates of Coverage T1FF Compared to Population Estimates by Family Type			
	All Families	Couple Families	Lone-Parent Families
T1FF (excluding territories)	8,568,930	7,168,980	1,399,940
Demography Division	8,357,988	6,988,831	1,369,157
Coverage	102.5%	102.6%	102.2%

Sources: Demography Division's *Annual Demographic Statistics* (annual, Statistics Canada catalogue number 91-213-XPB, 2002 edition); the T1 Family File (T1FF) data are from the Small Area and Administrative Data Division's family databank, unpublished data.

Most children do not file because they have low or no income.

Similarly, some elderly Canadians receiving only Old Age Security (OAS) and Guaranteed Income Supplement (GIS) do not file because they have low or no taxable income. However, with the introduction of the Federal Sales Tax (FST) Credit in 1986 and the Goods and Services Tax (GST) Credit in 1989, the percentage of the elderly population filing tax returns has increased. In 2001, 98.7% filed tax returns, up from 75% in 1989 (when comparing taxfilers aged 65 years or more with the 65+ population estimate counts to July 1, 2002, from Statistics Canada catalogue 91-213, *Annual Demographic Statistics*).

The introduction of the FST and GST credits has also resulted in more low income families filing tax returns. This caused the median family income figures for T1FF to be lower than the Survey of Consumer Finances (SCF). Beginning in 1992, family total income was changed to include income of non-filing spouses reported on the taxfiler's income tax return. This caused an increase in family total income as well as an increase in median income for 1992. Starting with the 2001 data, wage and salary income of non-filing spouses can be identified, in some cases, from T4 earnings statements.

Comparing the tax-based family median income figures (T1FF) to the Statistics Canada Survey of Consumer Finances (SCF) shows the following results (figure 2). The SCF was replaced by the Survey of Labour and Income Dynamics (SLID), and the definition of a family was changed for SLID.

FIGURE 2 - COMPARISON OF FAMILY INCOMES

Year	Median Income, all Families		% ratio (T1FF/SCF)
	T1FF	SCF	
1990	42,700	44,783	95.3%
1991	42,900	45,368	94.6%
1992	43,500	46,175	94.2%
1993	43,000	45,583	94.3%
1994	43,300	46,908	92.3%
1995	44,200	47,124	93.8%
1996	44,800	48,023	93.3%
1997	45,900	48,862	93.9%
1998	47,300	...	...
1999	48,600	...	...
2000	50,800	55,016	92.3%
2001	53,500	...	...

Note: The above T1FF medians are taken from the family databank being discussed here; the Survey of Consumer Finances (SCF) medians are from Statistics Canada's annual publication 13-208: *Family Incomes, Census Families*. The SCF estimates do not include the Territories (or Nunavut in 1997) while the T1FF medians do include the North. The 2000 T1FF median is compared to the 2001 Census data (2000 income).

Confidentiality and Rounding

All data are subject to the confidentiality procedures of rounding and suppression.

To protect the confidentiality of Canadians, counts are rounded. Rounding may increase, decrease, or cause no change to counts. Rounding can affect the results obtained from calculations. For example, when calculating percentages from rounded data, results may be distorted as both the numerator and denominator have been rounded. The distortion can be greatest with small numbers.

All reported amounts are rounded to the nearest thousand dollars.

Since 1990, data cells represent counts of 15 or greater, and are rounded to a base of 10. For example, a cell count of 15 would be rounded to 20 and a cell count of 24 would be rounded to 20.

For 1988 and 1989 data, all counts are 25 or greater and are rounded to the nearest 25. Reported amounts are rounded to the nearest thousand dollars.

For data up to and including 1987, all counts are randomly rounded to a base of 5, and reported amounts are unrounded, but are adjusted according to the rounding of the counts.

Note: *Counts* represent the number of persons.
Reported amounts are aggregate dollar amounts reported.

Suppressed Data

To maintain confidentiality, data cells have been suppressed whenever:

- Areas comprise less than 100 taxfilers.
- Cells represent less than 15 taxfilers¹.
- Cells were dominated by a single filer.

Suppressed data may occur:

i) Within one area:

- when one of the *income* categories is suppressed, a second category must also be suppressed to avoid disclosure of confidential data by subtraction (called residual disclosure) (see figure 3);
- when one of the *gender* categories is suppressed, the other *gender* category must also be suppressed to avoid residual disclosure (see figure 3);
- when one age group category is suppressed, another age group must also be suppressed to avoid residual disclosure.

¹ Likewise, the median income is omitted when the rounded count of a category is less than 30 (15 on either side of the median).

ii) Between areas:

— when a variable amount in one area is suppressed, that variable amount is also suppressed in another area to prevent disclosure by subtraction.

**FIGURE 3 - SUPPRESSION OF INCOME DATA,
AN ILLUSTRATION**

Amount (Millions of Dollars)			
	Males	Females	Total
Wages/Salaries/Commissions	6.7	3.4	10.2
Self-Employment	0.3	0.2	0.5
Dividends and Interest	1.2	1.1	2.3
Employment Insurance	0.7	0.3	1.0
Old Age Security/Net Federal Supplements	0.7	0.5	1.1
Canada/Quebec Pension Plan	1.1	0.5	1.6
Private Pensions	1.9	0.4	2.3
Canada Child Tax Benefits	x	x*	0.1
Goods and Services Tax Credit/Harmonized Sales Tax Credit	x**	x**	0.2
Workers' Compensation	0.1	0.1	0.2
Social Assistance	0.2	0.2	0.5
Provincial Refundable Tax Credits	0.1	0.1	0.2
RRSP Income	0.1	0.1	0.2
Other Income	0.6	0.6	1.2
Total Income	14.5	7.8	22.3

x — Confidential when reported by fewer than 15 taxfilers. (In the data supplied to clients, the suppressed cell will contain a "0".)

x* — For the same income variable, the value for the opposite gender was suppressed in the table to avoid disclosure by subtraction.

x** — The value for a second income variable was suppressed elsewhere in the table to avoid disclosure by subtraction.

Low Income Measures: Before-Tax and After-Tax

Low Income Measures (LIMs) are a relative measure of low income. LIMs are a fixed percentage (50%) of adjusted median family income where *adjusted* indicates a consideration of family needs. The family size adjustment used in calculating the Low Income Measures reflects the precept that family needs increase with family size. A family is considered to be low income when their income is below the Low Income Measure for their family type and size.

The following steps outline the method to calculate the Low Income Measures and to establish the low income population for census families and non-family persons. The procedure for the Before-Tax LIM and the After-Tax LIM is the same but a different income variable is incorporated into each of the calculations. Total Income is used for the Before-Tax LIM while Income After Tax is used for the After-Tax LIM. For both of these measures, an adjustment is made for capital gains.

1. Determine for each family the adjusted family size whereby the first adult is counted as 1.0, each additional adult and each child 16 years of age and over as 0.4 and each child less than 16 years of age as 0.3 (except in a lone-parent family where the first child is counted as 0.4). Each non-family person is counted as 1.0.
2. For each family calculate an adjusted family income “by dividing their family income by their adjusted family size”. For non-family persons, for which the adjusted family size is 1.0, the adjusted family income is the individual’s income.
3. Determine the median adjusted family income which is the adjusted family income where 50% of the families, including non-family persons, have a smaller adjusted family income and 50% have a higher one.
4. The LIM for a family of size one is 50% of the median adjusted family income and the LIMs for the other family types are equal to this value multiplied by their adjusted family size.
5. Low income families and low income non-family persons are those whose incomes are below the LIM for their family types. Families and non-family persons whose incomes are equal to or above the LIM for their family type are not considered low income.
6. This process is repeated for each year. Thus, the LIMs for each year are derived from the reported incomes of that year.

Low Income Measures by Family Type

Figures 4 and 5 outline the before-tax and after-tax Low Income Measures (LIMs) for 2001. Both figures have the same format. Various family types are outlined: lone-parent families (one adult with one, two and 18 children), couple families (two adults with zero, one, two, and 18 children), lone-parent or couple families with older children and younger children (one to four adults with zero, one and two children) and non-family persons (one adult, no children). Low income families and low income non-family persons are those whose (family) incomes are below the LIM for their family type.

FIGURE 4 - 2001 BEFORE-TAX LOW INCOME MEASURES

Number of Adults*	Number of Children Less Than 16 Years of Age				
	0	1	2	.....	18
1	14,150	19,810	24,055	.....	91,975
2	19,810	24,055	28,300	.....	96,220
3	25,470	29,715	33,960		
4	31,130	35,375	39,620		
.....					

* Includes parents/spouses, children 16 years of age and over and the first child in lone-parent families regardless of age.

Example: The 2001 before-tax LIM for a non-family person is \$14,150 and the 2001 before-tax LIM for a lone-parent family with two children 15 years of age and under is \$24,055.

The before-tax LIM for any family size can be calculated by multiplying \$14,150 by the appropriate adjusted family factor for a specific family size. For example, the before-tax LIM for a couple family with two children over the age of 15 is \$31,130. This is calculated by multiplying \$14,150 by 2.2.

FIGURE 5 - 2001 AFTER-TAX LOW INCOME MEASURES

Number of Adults*	Number of Children Less Than 16 Years of Age				
	0	1	2	.....	18
1	12,350	17,290	20,995	.....	80,275
2	17,290	20,995	24,700	.....	83,980
3	22,230	25,935	29,640		
4	27,170	30,875	34,580		
.....					

* Includes parents/spouses, children 16 years of age and over and the first child in lone-parent families regardless of age.

Example: The 2001 after-tax LIM for a non-family person is \$12,350 and the 2001 after-tax LIM for a lone-parent family with two children 15 years of age and under is \$20,995.

The after-tax LIM for any family size can be calculated by multiplying \$12,350 by the appropriate adjusted family factor for a specific family size. For example, the after-tax LIM for a couple family with two children over the age of 15 is \$27,170. This is calculated by multiplying \$12,350 by 2.2.

Other Low Income Statistics

In addition to the census family information produced from administrative files which is described in this user's guide, low income statistics are also available for economic and census families from the Survey of Consumer Finances (up to 1997) and from the Survey of Labour and Income Dynamics (from 1993 onwards). These include both Low Income Cut-Offs (LICOs) and Low Income Measures (LIMs). For further information contact Income Statistics Division, Statistics Canada, Ottawa, Ontario, K1A 0T6, (613 - 951-7355, toll free 1-888-297-7355, fax 613 - 951-3253, Internet: income@statcan.ca).

SECTION II -- THE DATA TABLES

Data Table Contents

Table 1: Summary Table

- Count of taxfilers
- Count of taxfilers and dependents by age group: under 15, 15-64, 65 and over, total
- Count of all families (couple families + lone-parent families) and the number of persons in families; similar counts are also given for couple families, lone-parent families and non-family persons
- Median total income and per capita income for all families, for couple families, for lone-parent families and for non-family persons
- Count of all families with employment income, of non-family persons with employment income, and their median employment income
- Count of dual-earner couple families, of single-earner-male families, of single-earner-female families, and the median employment income of these families
- Count of all families and of non-family persons receiving transfer payments, and the average amount of transfer payments
- Count of families with at least member with labour income; the number of families receiving Employment Insurance (EI) and the average amount received; count of non-family persons with labour income, the number receiving EI and the average amount received

Table 2: Persons by Age Group and by Family Type

- Count of parents and children in couple families, by age group
- Count of parents and children in lone-parent families, by age group
- Count of non-family persons by age group
- Count and percentage of taxfilers and dependents by age group
- Average age of taxfilers and dependents

Table 3: Families by Age of Older Partner/Parent and by Number of Children

Table 3a:

- Count of couple families by age of older partner/parent and by number of children
- Average family size for all couple families and for couple families with children
- Median total income of couple families by number of children, of all couple families and of couple families with children

Table 3b:

- Count of lone-parent families by age of parent and by number of children
- Count of male and of female (and total) lone-parent families by age of parent
- Average family size of lone-parent families by age of parent
- Median total income of lone-parent families by number of children and by gender of parent

Table 3c:

- Count of all families by number of children and by age of (older) partner/parent
- Average family size of all families and of families with children, by age of (older) partner/parent
- Median total income of all families by number of children, of all families and of families with children

Table 4: Distribution of Total Income by Family Type and Age

Table 4a:

- Count of couple families by age of older partner and by cumulative total family income group; median family total income by age group of older partner

Table 4b:

- Count of lone-parent families by age of parent and by cumulative total family income group; median family total income by age group of parent

Table 4c:

- Count of non-family persons by age and by cumulative total income group; median total income by age group

Table 5: Families by Total Income and by Number of Children

Table 5a:

- Count of couple families by number of children and by cumulative total family income group, showing the median total family income by number of children

Table 5b:

- Count of lone-parent families by number of children and by cumulative total family income group, showing the median total family income by number of children

Table 6: Sources of Income by Family Type

- Sources of income (number reporting and amount reported) for couple families, lone-parent families, non-family persons and total for all family types. The income sources are:

Employment income (total)

 Wages, salaries and commissions

 Self-employment income

 Farm + fish self employment income

 Other self-employment income

Investment income

Government transfer payment income

 Employment Insurance (EI)

 Old Age Security (OAS)/Net Federal Supplements

 Canada/Quebec Pension Plan (CPP/QPP)

 Canada Child Tax Benefits (CCTB)

 Goods and Services Tax (GST) Credit/Harmonized Sales Tax (HST) Credit

 Workers' Compensation

 Social assistance

 Provincial refundable tax credits/Family benefits

Private pensions
RRSP income
Other income
Total income

Table 7: Economic Dependency Profile of Couple Families

- For all couple families, for husbands, for wives, for children and for the entire population: the number reporting employment income and the value reported, the number reporting transfer payments and the value reported. These transfer payments include:

All government transfer payments
 Employment Insurance (EI)
 Goods and Services Tax (GST) Credit/Harmonized Sales Tax (HST) Credit
 Canada Child Tax Benefits (CCTB)
 Old Age Security (OAS)/Net Federal Supplements
 Canada/Quebec Pension Plan (CPP/QPP)
 Workers' Compensation
 Social Assistance
 Provincial refundable tax credits/Family benefits
Private pensions

Table 8: Economic Dependency Profile of Lone-Parent Families and Non-Family Persons

- For all lone-parent families, for parents, for children, for non-family persons and for the entire population: the number reporting employment income and the value reported, the number reporting transfer payments and the value reported. These transfer payments include:

All government transfer payments
 Employment Insurance (EI)
 Goods and Services Tax (GST) Credit/Harmonized Sales Tax (HST) Credit
 Canada Child Tax Benefits (CCTB)
 Old Age Security (OAS)/Net Federal Supplements
 Canada/Quebec Pension Plan (CPP/QPP)
 Workers' Compensation
 Social Assistance
 Provincial refundable tax credits/Family benefits
Private pensions

Table 9: Labour Income Profile of Couple Families

- Count of people in couple families, of husbands, of wives and of children in couple families, and of the entire population
- For couple families, for husbands, for wives and for children in couple families and for the entire population: counts of numbers reporting labour income and the value reported. The different incomes shown are:

Total income
 Labour income
 Employment income
 Wages/salaries/commissions
 Self-employment income
 Employment Insurance (EI)

Table 10: Labour Income Profile of Lone-Parent Families and Non-Family Persons

- Count of people in lone-parent families, of parents and of children, of non-family persons and of the entire population
- For lone-parent families, for parents and for children in lone-parent families, for non-family persons and for the entire population: counts of numbers reporting labour income and the value reported. The different incomes shown are:

Total income
 Labour income
 Employment income
 Wages/salaries/commissions
 Self-employment income
 Employment Insurance

Table 11: Labour Income by Age Group and Gender

- Count of taxfilers and dependents by age group and by gender
- Count of taxfilers and dependents with labour income by age group and by gender
- Participation rates by age group and by gender

Table 12: Employment Insurance by Age Group and Gender

- Count of labour participants by age group and by gender
- Count of Employment Insurance recipients by age group and by gender

Table 13: Single-Earner and Dual-Earner Families by Number of Children (Includes Only Partners/Parents Reporting Non-Negative Employment Income)

- Number reporting, total employment income of parent/partners reported and the median employment income of parent/partners for:

Male single-earner couple families by number of children
 Female single-earner couple families by number of children
 Dual-earner couple families by number of children
 Lone-parent families by number of children

Note: excluded from this table are families where a spouse (either one in couple families, or the sole parent in lone-parent families) reported negative employment income, and families where both spouses (in couple families, or the sole parent in lone-parent families) reported no employment income.

Table 14: Husband-Wife Families by Percentage of Wife's Contribution to Husband-Wife Employment Income (Includes Only Spouses Reporting Non-Negative Employment Income)

Table 14a:

- Counts of husband-wife families by age of wife and by percentage of wife's contribution to the husband-wife employment income

Table 14b:

- Counts of husband-wife families by family employment income range and by percentage of wife's contribution to the husband-wife employment income

Table 14c:

- Counts of husband-wife families by number of children and by percentage of wife's contribution to the husband-wife employment income

Note: Excluded from this table are

1. *same-sex couples,*
2. *families where a spouse (either one) reported negative employment income, and*
3. *families where both spouses reported no employment income.*

Table 15: Family Units and Children by Age of Children

- Counts of families (couple, lone-parent and total for all families) by age of children
- Counts of children in families (couple, lone-parent and total for all families) by age of children
- The age groups used are:

All children under 6 years

All 6 - 14

All 15 - 17

Some under 6 and some 6 - 14

Some under 6 and some 15 - 17

Some 6 - 14 and some 15 - 17

Some under 6, some 6 - 14 and some 15 - 17

All under 18

Some under 18 and some 18 and over

All 18 and over

Table 16: Family Units and Persons by Language of Tax Form

- Counts of couple families, counts of lone-parent families, counts of non-family persons and a total for the preceding, by language of tax form
- Counts of persons in couple families, counts of persons in lone-parent families, counts of non-family persons and a total for the preceding, by language of tax form
- The language groupings used are:

All English

All French

Some English and some French

Total

Table 17: Low Income (based on Before-Tax Low Income Measures, LIMs)

For all couple families, all lone-parent families, all non-family persons and a total of these three groups, the table contains the following information:

- Count of families by number of children and total
- Median before-tax family income by number of children and a total
- Number of persons within a family by number of children and a total
- Number of children 0 to 17 years of age by number of children within a family and total
- Number of persons 65 years of age and over by number of children within a family and total

For low income couple families, low income lone-parent families, low income non-family persons and a total of these three groups, the same type of information as outlined above is available:

- Count of families by number of children and total
- Median before-tax family income by number of children and total
- Number of persons within a family by number of children and total
- Number of children 0 to 17 years of age by number of children within the family and total
- Number of persons 65 years of age and over by number of children within the family and total

Table 18: After-Tax Low Income (based on After-Tax Low Income Measures, LIMs)

For all couple families, all lone-parent families, all non-family persons and a total of these three groups, the table contains the following information:

- Count of families by number of children and total
- Median after-tax family income by number of children and a total
- Number of persons within a family by number of children and a total
- Number of children 0 to 17 years of age by number of children within a family and total
- Number of persons 65 years of age and over by number of children within a family and total

For low income couple families, low income lone-parent families, low income non-family persons and a total of these three groups, the same type of information as outlined above is available:

- Count of families by number of children and total
- Median after-tax family income by number of children and total
- Number of persons within a family by number of children and total
- Number of children 0 to 17 years of age by number of children within the family and total
- Number of persons 65 years of age and over by number of children within the family and total

Statistical Tables - Footnotes and Historical Availability

Note: for changes to variable definitions, please see *Glossary of Terms*.

All tables:

- The income shown here could be reported by any member of the family.
- Income ranges are cumulative and not discrete (since 1993). This means that a person with an income of \$100,000 will be included in the \$10,000+ category, in the \$15,000+ category, in the \$20,000+ category, in the \$25,000+ category, etc.
- Starting with 2000 data, same-sex couples are counted as couple families (formerly “husband-wife families”)
- Available for all levels of the postal geography, for census divisions and for census metropolitan areas.
- Available for census tracts, economic regions and federal electoral districts starting with 1999 data (excluding tables 17-18)
- Available for census agglomerations starting with 2001 data

Table 1:

- Available since 1990.
- Number of taxfilers added in 1993

Table 2:

- Available since 1990.
- Average age was added to this table starting with 1994.

Table 3:

- Available in its current format since 1990.

Table 4:

- Available since 1990.
- Income groups were changed from discrete to cumulative groups starting with 1993.
- Income groups were added in 1993 (up to \$250K for couple families and \$100K for LPF/NFP).
- In 1995, group \$55K+ was removed from couple families table and \$75K was added.

Table 5:

- Available since 1990.
- Income groups were changed from discrete to cumulative groups starting with 1993.
- Income groups were added in 1993 (up to \$250K for couple families and \$100K for LPF/NFP).
- In 1995, group \$55K+ was removed from couple families table and \$75K was added.

Table 6:

- Available since 1990.
- The sources of income have changed over the years, depending on the information available from the T1.
- For 1990-1995, transfer payments included government transfers and private (other) pensions; starting with 1996, private pensions are shown separately from

- government transfers.
- Information on Workers' Compensation and social assistance available as separate income sources since 1994 (previously included in "non-taxable income").
- Information on RRSP income available since 1994 (previously included in "other income").
- Total family types = couple families + lone-parent families + non-family persons.

Tables 7 and 8:

- Available since 1990.
- For 1990-1995, transfer payments included government transfers and other (private) pensions; starting with 1996, private pensions are shown separately from government transfers.
- Information on Workers' Compensation and social assistance available as separate income sources since 1994 (previously included in "non-taxable income").

Tables 9 and 10:

- Available since 1990.
- Since 1992, total population count includes taxfilers and dependents
- Employment Insurance (previously unemployment insurance) rate shown only for 1990 and 1991
- Information on wages, salaries and commissions added in 1993 (counts and amounts)
- Change to table layout in 1999 (Self-employment category now follows Wages, salaries and commissions).

Table 11:

- Available in its current format since 1990.
- The gender of the non-filing children is, in many cases, not known to us; for this reason, the number of all persons or taxfilers and dependents in the male and female columns do not add to the figure in the total column for the 15-19 age group.
- The participation rate is calculated by dividing the number of persons with labour income by the total number of persons and multiplying by 100. Rate is not shown for the 15-19 age group since 1997.

Table 12:

- Available since 1990.
- "Total population" replaced with "Labour Income" with the 1992 data
- Employment Insurance (previously unemployment insurance) rate shown only for 1990 and 1991

Table 13:

- Available since 1990.
- Not included in this table are 1) families where either spouse or lone parent reported negative employment income, and 2) families where neither spouse / lone parent reported employment income.
- "Average contribution of wife" removed starting with 2001 data.

Table 14:

- Available since 1990.
- Not included in this table are 1) same-sex couples, 2) families where either spouse reported negative employment income, and 3) families where neither spouse reported employment income.
- Only husband-wife families with an employment income greater than zero are considered here.
- 0% represents contributions equal to or less than 0.5% and 100% represents contributions equal to or greater than 99.5%.
- Since 1993, family totals are shown in each table section
- "Average contribution of wife" added starting with 2001 data.

Table 15:

- Available in its current format since 1993.

Table 16:

- Available in its current format since 1993.
- The total column on the far right of the printed page represents couple families + lone-parent families + non-family persons.

Table 17:

- Available in its current format since 1995.
- Available for census tracts, federal electoral districts and economic regions starting with 2000 data.

Table 18:

- Available in its current format since 1997.
- Available for census tracts, federal electoral districts and economic regions starting with 2000 data.

SECTION III -- GLOSSARY OF TERMS

Age

Is calculated as of December 31 of the reference year (i.e., tax year minus year of birth).

Alberta family employment tax credit

Beginning in 1997, this refundable tax credit essentially replicates the federal child tax benefit working income supplement. The maximum annual credit is \$500 per qualified dependent child. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

Alimony

Includes payments from one former spouse to the other, for couples that are separated or divorced. Child support is also included in this variable, as reported on line 128 of the T1 tax form, where both alimony and child support are reported together, without distinction. Starting with 1998, this information is taken from line 156 of the T1 (support payments received). Included in "Other income" in the statistical tables.

All families

Include couple families and lone-parent families.

Average family size

Is the average count of persons in the census family.

British Columbia family bonus

Is a refundable tax credit commencing in July 1996 that essentially extends the federal child tax benefit working income supplement; it is administered by Canada Customs and Revenue Agency (formerly Revenue Canada) through the Canada Child Tax Benefit program. This tax credit applies to residents of British Columbia, and is calculated according to the earned income of the parents and the number of qualified dependents. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

Canada Child Tax Benefit (CCTB)

Is a system that replaces (beginning with the 1993 data year) the previous federal Family Allowance program, the non-refundable child deduction and the refundable Child Tax Credit. It is an income supplement for individuals who have at least one qualified dependent child. The Canada Child Tax Benefit is also based on the individual's family income and the number of dependent children.

Canada/Quebec Pension Plan (CPP/QPP)

Are compulsory contributory social insurance plans that protect workers and their families against loss of income due to retirement, disability or death. Canada Pension Plan and Quebec Pension Plan benefits include all benefits reported for the reference year.

Census family

This definition of the family classifies people in the following manner: 1) couples (married or common law) living in the same dwelling, with or without children; and 2) lone parents (male or female) with one or more children. The residual population is called "non-family persons" and is made up of persons living alone and of persons living in a household but who are not part of a couple family or lone-parent family. *See also* "Children".

Children

In couple and lone-parent families, children are taxfilers or imputed persons. Taxfiling children must report a marital status other than "married", have no child of their own and live with their parent(s). There is no age limit to children; they may be of any age, unless otherwise specified. Prior to the 1998 data, taxfiling children had to report "single" as their marital status. Most children are identified from the CCTB file, a provincial births file or a previous T1FF.

CityID

Since names can be, in some cases, quite long and cumbersome for handling in electronic files, municipalities are given a city identification number.

Counts

Indicate the number of persons or items represented in a variable (e.g., the number of taxfilers reporting income in the year in question). Counts are rounded to the nearest ten.

Couple family *Previously Husband-wife family*

Consists of a couple living together (whether married or common law) at the same address, and any children living at the same address; taxfiling children must report a marital status other than "married". Previous to the 1998 data, taxfiling children had to report "single" as their marital status. Starting with the 2000 data, this category includes same-sex couples. *See also* "Census families".

Dependents

For the purpose of these databanks, dependents are the non-filing members of a family. We do not attempt to measure dependency in any way, but are able to identify certain non-filing family members, and include these in the total counts of people in a given area.

Dividend income

Includes dividend income from taxable Canadian corporations (such as stocks or mutual funds) as reported on line 120 of the personal income tax return, and then grossed down to the actual amounts received; dividend income does not include dividends received from foreign investments (which are included in interest income and reported on line 121).

Dual-earner families

Are couple families where both spouses have an employment income greater than zero.

Economic Dependency Ratio (EDR)

Is the sum of transfer payment dollars received as benefits in a given area, compared to every \$100 of employment income for that same area. For example, where a table shows an Employment Insurance (EI) dependency ratio of 4.69, it means that \$4.69 in EI benefits were received for every \$100 of employment income for the area.

Employment income

Includes wages and salaries, commissions from employment, training allowances, tips and gratuities, and self-employment income (net income from business, profession, farming, fishing and commissions).

Employment Insurance (EI) *Previously Unemployment Insurance (UI)*

Comprises all types of benefits paid to individuals under this program, regardless of reason, including regular benefits for unemployment, fishing, job creation, maternity, parental/adoption, retirement, self-employment, sickness, training and work sharing.

Families reporting income

Are counted for a given source of income when that income is received by at least one family member. Families and individuals may report more than one source of income.

Family benefits

See Alberta family employment tax credit; British Columbia family bonus; New Brunswick child tax benefit supplement; Northwest Territories child benefit; Nova Scotia child tax benefit; Nunavut child benefit; Ontario child care supplement for working families; Quebec family allowance; Saskatchewan child benefit; Canada Child Tax Benefit.

Family total income

Is the sum of the total incomes of all members of the family (see "Total income"). New to the 1992 definition of total income is income for non-filing spouses. The information is derived from the taxfiling spouse.

Goods and Services Tax (GST) credit

Includes all amounts received through this program. In 1990, the Goods and Services Tax Credit began replacing the Federal Sales Tax (FST) Credit. By 1991, the FST Credit no longer existed. Beginning in 1997, the GST was harmonized with the provincial sales taxes in Newfoundland, Nova Scotia and New Brunswick and became the Goods and Services Tax/Harmonized Sales Tax (GST/HST) credit.

Government transfer payments

For the purpose of these data, transfer payments denote the following payments made to individuals by the federal or provincial governments: Employment Insurance, Family Allowance (to 1992), FST credit (in 1989 and 1990), GST credit (which began replacing the FST credit in 1990 and completely replaced it by 1991, and became the GST/HST credit starting in 1997), Child Tax Credit (to 1992), Canada Child Tax Benefit (starting with 1993), Old Age Security pension/net federal supplements, Canada and Quebec Pension plans, non-taxable income and provincial refundable tax credits (both beginning in 1990), Quebec family allowance (beginning in 1994), British Columbia family bonus (beginning in 1996), New Brunswick child tax benefit (beginning in 1997), Alberta family employment tax credit (beginning in 1997), Northwest Territories child benefit (beginning

in 1998), Nova Scotia child tax benefit (beginning in 1998), Nunavut child benefit (beginning in 1998), Ontario child care supplement for working families (beginning in 1998) and the Saskatchewan child benefit (beginning in 1998). The individuals in this case receive these payments without providing goods or services in return. Previous to the 1996 data, "Transfer payments" also included superannuation and other (private) pensions.

Harmonized Sales Tax (HST)

In Newfoundland, Nova Scotia and New Brunswick, the provincial sales tax has been harmonized with the Goods and Services Tax (GST) since 1997, to become the harmonized sales tax. For this reason, the federal GST credit is now known as the GST/HST credit.

Husband-wife family

See Couple family

Imputed persons

Are persons who are not taxfilers, but are reported or otherwise identified by a taxfiler (for example, a non-filing spouse or child).

Income after tax

Is total income minus provincial and federal income taxes plus Quebec Abatement.

Income aggregates

Are rounded to the nearest thousand dollars. See *a/so* "Total income" and the various sources of income.

Index

Is a comparison of the variable for the given area with either the province (province = 100) or with Canada (Canada = 100).

Interest income

Refers to the amount Canadians claimed on line 121 of the personal income tax return. This amount includes interest generated from bank deposits, Canada Savings Bonds, corporate bonds, treasury bills, investment certificates, term deposits, annuities, mutual funds, earnings on life insurance policies and all foreign interest and foreign dividend incomes.

Investment income

Includes both interest income and dividend income.

Labour income

Includes employment income (wages, salaries, commissions and net self-employment income) and Employment Insurance benefits.

Level of geography

Is a code designating the type of geographic area to which the information in the table applies. See the section on Geography for further information.

Limited partnership income

Is net income (i.e., gross income less expenses) from a limited partnership, where a limited partner is a passive or non-active partner whose liability as a member is limited to his or her investment. Included in "Other income" in the statistical tables.

Lone-parent family

Is a family with only one parent, male or female, and with at least one child. See also "Census families" and "Children".

Low Income Measure (LIM)

The Low Income Measure is a relative measure of low income. LIMs are a fixed percentage (50%) of adjusted median family income where *adjusted* indicates a consideration of family needs. The family size adjustment used in calculating the Low Income Measures reflects the precept that family needs increase with family size. For the LIM, each additional adult, first child (regardless of age) in a lone-parent family, or child over 15 years of age, is assumed to increase the family's needs by 40% of the needs of the first adult. Each child less than 16 years of age (other than the first child in a lone-parent family), is assumed to increase the family's needs by 30% of the first adult. A family is considered to be low income when their income is below the Low Income Measure (LIM) for their family type and size.

Median

Is the middle number in a group of numbers. Where a median income, for example, is given as \$26,000, it means that exactly half of the incomes reported are greater than or equal to \$26,000, and that the other half are less than or equal to the median amount. Median incomes in the data tables are rounded to the nearest hundred dollars. Zero values are not included in the calculation of medians for individuals, but are included in the calculation of medians for families.

Negative income

Generally applies to net self-employment income, net rental income and net limited partnership income. Negative income would indicate that expenses exceeded gross income.

Net federal supplements

Are part of the Old Age Security (OAS) pension program, intended to supplement the income of pensioners and spouses with lower income; payments take the form of a Guaranteed Income Supplement (GIS) or a Spouse's Allowance (SPA). Between 1990 and 1993, Net Federal Supplements were included in "non-taxable income".

Net rental income

Is income received or earned from the rental of property, less related costs and expenses. Included in "Other income".

New Brunswick child tax benefit

Since 1997, this benefit supplements the Canada Child Tax Benefit for New Brunswick residents at a maximum of \$250 per year per eligible child and another maximum \$250 per year, depending on the family earned income. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

Non-family person

Is an individual who is not part of a census family – couple family or a lone-parent family. Non-family persons may live with their married children or with their children who have children of their own (e.g., grandparent). They may be living with a family to whom they are related (e.g., sibling, cousin) or unrelated (e.g., lodger, room mate). They may also be living alone or with other non-family persons. See *also* "Census families".

Non-negative income

Is income that is zero or greater.

Non-taxable income/provincial (refundable) tax credits

Non-taxable income refers to the amounts included in a taxfiler's income when applying for refundable tax credits, but not included in the calculation of taxable income; these amounts include Workers' Compensation payments, Net Federal Supplements received (Guaranteed Income Supplements and/or Spouse's Allowance), and social assistance payments. Beginning with the 1994 data, information is available separately for Net Federal Supplements, Workers' Compensation and social assistance. Provincial tax credits are a refundable credit paid to individuals by the province in which he/she resided as of December 31 of the taxation year. See *also* "Provincial refundable tax credits".

Northwest Territories child benefit

Beginning in July 1998, the Northwest Territories Child Benefit (NWTCB) is a tax-free monthly payment made to qualifying families with children under age 18. The Territorial Worker's Supplement, part of the NWTCB program, is an additional benefit paid to qualifying families with working income who have children under age 18. Benefits from these programs are combined with the CCTB into a single monthly payment. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

Nova Scotia child benefit

Beginning in October 1998, but retro-active to July 1998, the Nova Scotia Child Benefit (NSCB) will provide tax-free monthly payments to help low- and modest-income families with the costs of raising their children. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

Nunavut child benefit

Beginning in July 1998, the Nunavut Child Benefit (NCB) is a tax-free monthly payment made to qualifying families with children under age 18. The Territorial Worker's Supplement, part of the NWTCB program, is an additional benefit paid to qualifying families with working income who have children under age 18. Benefits from these programs are combined with the CCTB into a single monthly payment. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

Old Age Security (OAS) pension

Is part of the Old Age Security program, a federal government program that guarantees a degree of financial security to Canadian seniors. All persons in Canada aged 65 or older, who are Canadian citizens or legal residents, may qualify for a full OAS pension, depending on their years of residence in Canada after reaching age 18. Old Age Security benefits include all benefits reported for the reference year, excluding Guaranteed Income Supplements and Spousal Allowance benefits; see *also* "Net federal

supplements" and "Non-taxable income". Starting with the 1994 data, OAS income of non-filing spouses was estimated and included in the tables.

Ontario child care supplement for working families

Beginning in July 1998, the Ontario child care supplement for working families (OCCSWF) is not administered by the Canada Customs and Revenue Agency (formerly Revenue Canada) and therefore families must apply for the supplement annually. This program is designed to provide assistance to low-to-middle income families with children *under the age of seven*. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

Other income

Includes net rental income, alimony, income from a limited partnership, retiring allowances, scholarships, amounts received through a supplementary unemployment benefit plan (guaranteed annual income plan), payments from income-averaging annuity contracts, as well as all other taxable income not included elsewhere. Beginning with the 1992 data, this variable also includes the imputed income of imputed spouses, as derived from the tax return of the filing spouse. *See also* "Total income".

Parent

Is a person for whom we have identified one or more children living at the same address. *See also* "Census families" and "Children".

Participation rate

Is the count of a given population of an area with labour income expressed as a percentage of the total for that same population in that same area.

Per capita income

Is an average figure derived from the total income of families divided equally among all persons in the families, regardless of age or income.

Private (other) pensions

Include pension benefits (superannuation and private pensions) other than Old Age Security and Canada/Quebec Pension Plan benefits.

Provincial refundable tax credits

Unlike non-refundable tax credits, these amounts are paid to the taxfiler, regardless of tax liability. Included are the refundable provincial tax credits received by taxfilers in Manitoba, Ontario and Quebec (since 1990), British Columbia and the Northwest Territories (since 1993), Newfoundland and Nunavut (beginning in 1997), Quebec family allowances (beginning with 1994), the British Columbia family bonus (beginning with 1996), the New Brunswick child tax benefit (beginning in 1997), the Alberta family employment tax credit (beginning with 1997), the Northwest Territories child benefit (beginning with 1998), the Nova Scotia child tax benefit (beginning with 1998), the Nunavut child benefit (beginning with 1998), the Ontario child care supplement for working families (beginning with 1998) and the Saskatchewan child benefit (beginning with 1998).

Quebec family allowance

Includes payment of a non-taxable allowance to the parent or guardian of one or more unmarried children under the age of 18 and not a ward of the province. The applicant must have resided in Quebec for at least one month or subject his/her income or that of the spouse to the Quebec income tax laws. The QFA rate varies according to the rank of the child in the family and according to the child's age. Available starting with 1994 data. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

RRSP income

Is any money withdrawn from a Registered Retirement Savings Plan, either as a lump sum or as a periodic payment. Included in this amount are withdrawals and monies from RRSP annuities. Note that monies from RRIFs may be reported on line 115 (other pensions or superannuation) if the recipient is 65 years of age or older; otherwise, monies from RRIFs are reported on line 130 (other income). Information on RRSP income is available starting with the 1994 data. Starting in 1999, only RRSP income of persons aged 65 years or older is included.

Saskatchewan child benefit

Beginning in July 1998, the Saskatchewan Child Benefit (SCB) is a tax-free monthly payment that will help lower-income families with the cost of raising children under age 18. This benefit will help lower-income working families stay in the workforce rather than go on social assistance to meet their children's needs. Included in "Provincial refundable tax credits/Family benefits" in the statistical tables.

Self-employment income

Is net income from business, professional, commission, farming and fishing.

Single-earner family

Is defined, in couple families, as only one spouse having employment income greater than zero or, in lone-parent families, as the parent with employment income greater than zero.

Social assistance

Includes payments made in the year on the basis of a means, needs or income test (whether made by an organized charity or under a government program). The value is reported on line 145 of the personal income tax return. Available only since 1994; previously included in "Non-taxable income".

Spouse

Is either partner in a couple family.

Suppressed data

Are intentionally omitted because they breach confidentiality. All data counts under a certain number are suppressed along with the corresponding income amounts. If the count for one cell or component is suppressed, then corresponding income aggregates in another cell are also suppressed to avoid disclosure by subtraction (called residual disclosure). See the section on Confidentiality.

Taxfilers

Most taxfilers are people who filed a tax return for the reference year and were alive at the end of the year. Starting with the 1993 tax year, those taxfilers who died within the tax year and who had a non-filing spouse had their income and their filing status attributed to the surviving spouse.

Total income

Note: this variable was revised over the years, as reflected in the comments below; data users who plan to compare current data to data from previous years should bear in mind these changes. Also, it should be noted that all income amounts are gross, with the exception of net rental income, net limited partnership income and all forms of net self-employment income.

Income reported by taxfilers from any of the following sources:

Labour income

Employment income

Wages/salaries/commissions

Other employment income as reported on line 104 of the tax form (tips, gratuities, royalties, etc.)

Net self-employment

Employment Insurance (EI) benefits

Pension income

Old Age Security/Net Federal Supplements (the latter including guaranteed income supplements and spouses' allowances since 1994)

Canada/Quebec Pension Plan

Superannuation and other (private) pensions

(Federal) Family Allowance benefits (up to and including 1992)

Quebec family allowance (beginning with 1994)

British Columbia family bonus (beginning with 1996)

New Brunswick child benefit supplement (beginning with 1997)

Alberta family employment tax credit (beginning with 1997)

Northwest Territories child benefit (beginning with 1998)

Nova Scotia child tax benefit (beginning with 1998)

Nunavut child benefit (beginning with 1998)

Ontario child care supplement for working families (beginning with 1998)

Saskatchewan child benefit (beginning with 1998)

Interest and other investment income

Dividend income

RRSP income (since 1994; previously in "other income" / since 1999; only taxfilers 65+)

Net limited partnership income (included in "other income")

Alimony (included in "other income")

Net rental income (included in "other income")

Income for non-filing spouses (since 1992; included in "other income")

Other incomes as reported on line 130 of the tax form (fellowships, bursaries, grants, etc.; included in "other income")

Federal Sales Tax (FST) credit (for 1989-1990 inclusive)

Goods and Services Tax (GST) credit (beginning in 1990)

Harmonized Sales Tax (HST) credit (beginning in 1997)

Child tax credit (up to and including 1992)

Canada Child Tax Benefit (starting with 1993)
Other non-taxable income (since 1990)
 Workers' compensation payments (shown separately starting with 1994)
 Social assistance payments (shown separately starting with 1994)
 Guaranteed income supplements (included with Net Federal Supplements since 1994; previously in "non-taxable income")
 Spouses' allowances (included with Net Federal Supplements since 1994; previously in "non-taxable income")
Provincial refundable tax credits in Ontario, Quebec and Manitoba (since 1990), British Columbia and the Northwest Territories (since 1993), Newfoundland and Nunavut (since 1997).

Monies not included in income above are: veterans' disability and dependent pensioners' payments, war veterans' allowances, lottery winnings and capital gains.

Unemployment Insurance (UI)

See Employment Insurance (EI)

User-defined areas

Are areas that have been defined by the data users as the specific area for which they require data. This would apply only to areas which are not "standard areas" and could include any one or a combination of postal codes. The smallest "building block" for these special areas is the six-character postal code. To obtain data, provide us with a list of the postal codes for which data are required and we will provide the aggregated data. The area must satisfy our confidentiality requirements, or no data can be produced. See section on Geography.

Wages, salaries and commissions

Include employment pay and commissions as stated on T4 information slips, training allowances, tips, gratuities and royalties. Starting with the 1999 data, the total of wages, salaries and commissions includes tax-exempt employment income earned on an Indian reserve. Starting with the 2001 data, wage and salary income of non-filing spouses was identified, in some cases, from T4 earnings statements.

Workers' compensation

Includes any compensation received under Workers' Compensation in respect of an injury, disability or death. This value is reported on line 144 of the personal income tax return. Information on Workers' Compensation is available as a distinct income source starting with the 1994 data; previously included in "Non-taxable Income".

SECTION IV -- GEOGRAPHY

The data are available for the following geographic areas. See “Statistical Tables - Footnotes and Historical Availability” for further details. The mailing address at the time of filing is the basis for the geographic information in the tables.

Standard areas:

Postal Geography

- Canada
- Provinces and Territories
- Cities
- Rural Communities
- Urban Forward Sortation Areas
- Postal Walks

Census Geography

- Economic Regions
- Census Divisions
- Census Metropolitan Areas
- Census Agglomerations
- Census Tracts
- Federal Electoral Districts

User-defined areas:

Users may select a specific area of interest that is not a standard area for which data can be made available in standard format. To obtain data, provide us with a list of the postal codes for which data are required and we will provide the aggregated data. Of course, the area must satisfy our confidentiality requirements, or no data can be produced. See the “Special Geography” section for further information.

Geographic Levels - Postal Geography

The various databanks compiled from the taxfile are available for different levels of the postal geography, and for some levels of the Census geography. Coded geographic indicators appearing on the data tables are shown below with a brief description.

Level of Geography (L.O.G.)	Postal Area	Description
12	Canada	This level of data is an aggregation of the provincial/territorial totals (code 11). The national total is identified by the region code Z99099.
11	Province or Territory Total	<p>This level of data is an aggregation of the following geographies within a province:</p> <p>City Totals..... Code 08 Rural Postal Codes..... Code 09 Other Provincial Totals Code 10</p> <p>These totals are identified by a provincial/territorial postal letter, then a "990" followed by the province/territory code, as follows:</p> <p>Newfoundland and Labrador A99010 Nova Scotia B99012 Prince Edward Island..... C99011 New Brunswick E99013 Quebec J99024 Ontario P99035 Manitoba R99046 Saskatchewan S99047 Alberta T99048 British Columbia V99059 Northwest Territories X99061 Nunavut X99062 Yukon Y99060</p>

Level of Geography (L.O.G.)	Postal Area	Description
10	Other Provincial Total ("P" Pot)	<p>This level of data is an aggregation of small communities in the province that had less than 100 taxfilers, where these communities are combined into a "pot". Before 1992, it was identified by the same codes as the provincial/territorial totals, and only the "Delivery Mode" codes 2 and 3 distinguished between the two. To avoid this problem, starting with the 1992 data, an "8" appears after the provincial/territorial letter instead of a "9". The "9" will be reserved for the provincial/territorial total, as explained in 11 above. These "pot" codes are as follows:</p> <p>Newfoundland and Labrador A89010 Nova Scotia B89012 Prince Edward Island..... C89011 New Brunswick E89013 Quebec J89024 Ontario..... P89035 Manitoba R89046 Saskatchewan S89047 Alberta T89048 British Columbia V89059 Northwest Territories X89061 Nunavut X89062 Yukon Y89060</p>
09	Rural Postal Code (Not in City)	<p>This level of geography pertains to rural communities that have one and only one rural postal code. These stand-alone rural postal codes can be identified by a "zero" in the second position of the postal code and a level of geography code 09.</p> <p>The 2001 databanks contain 4,144 areas coded as level of geography 09.</p>

Level of Geography (L.O.G.)	Postal Area	Description
08	City Total	<p>This level of data is an aggregation of the following geographies for unique place names within a province/territory:</p> <p>Urban FSA (Residential)..... Code 03 Rural Route Code 04 Suburban Services Code 05 Rural Postal Code (within city) Code 06 Other Urban Area Code 07</p> <p>They have the following format: e.g., Edmonton = T95479; Regina = S94876. The pattern is the postal letter of the city plus "9" in the second position (indicating a total), followed by a 4 digit numeric code for the community (often called "CityID").</p> <p>In general, postal cities do not coincide with census subdivisions.</p> <p>The 2001 databanks contain 954 areas coded as level of geography 08.</p>
07	Other Urban Area (Non-residential within city - "E" Pot)	<p>This aggregation of data (or "pot") covers non-residential addresses within an urban centre and all other data not otherwise displayed. Commercial addresses, post office boxes and general delivery are included, as are residential addresses with too few taxfilers to report separately. They can be recognized by codes that are similar to the city totals, with a distinguishing difference: an "8" will follow the city postal letter rather than the "9" of the city total (e.g., Edmonton = T85479; Regina = S84876).</p> <p>The 2001 databanks contain 486 areas coded as level of geography 07.</p>
06	Rural Postal Code (Within City)	<p>These data pertain to rural postal codes that belong to communities with more than one rural postal code. These occur in areas that were formerly serviced by rural delivery service and changed by Canada Post to urban delivery service or in communities served by more than one rural postal code. Rural postal codes of this type can be identified by a "zero" in the second position of the postal code and a level of geography code 06.</p> <p>The 2001 databanks contain 368 areas coded as level of geography 06.</p>

Level of Geography (L.O.G.)	Postal Area	Description
05	Suburban Service	<p>Sparsely populated fringe areas of urban centres may receive their postal service from an urban post office by delivery designated as "suburban service". Their region code retains all six characters of the postal code. Suburban Services are usually near or on the perimeters of urban areas, and mail is delivered by a contractor to group mail boxes, community mail boxes and/or external delivery sites (e.g., kiosks, miniparks).</p> <p>The 2001 databanks contain 21 areas coded as level of geography 05.</p>
04	Rural Route	<p>Reasonably well-settled rural areas may receive their postal service from an urban post office by delivery designated as "rural route". Mail is delivered by a contractor to customers living along or near well-defined roads. Their region code retains all six characters of the postal code.</p> <p>The 2001 databanks contain 874 areas coded as level of geography 04.</p>
03	Urban FSA (Residential Area)	<p>The urban Forward Sortation Area (FSA, identified by the first three characters of the postal code) includes all residential addresses covered by the first three characters of a postal code in a particular urban area (not including levels 04 and 05). Only residential FSAs are considered for these databanks. This level of data is an aggregation of:</p> <p>Postal Walk..... Code 01 Other Postal Walk..... Code 02</p> <p>An Urban FSA of this type can be identified by the FSA followed by three blanks.</p> <p>The 2001 databanks contain 1,857 areas coded as level of geography 03.</p>

Level of Geography (L.O.G.)	Postal Area	Description
02	Other Postal Walk	<p>This level of data is an aggregation of urban residential postal codes unallocated to a letter carrier route and postal walks with less than 100 taxfilers. A postal walk record of this type can be identified by the FSA followed by three blanks, and the postal walk number "XXXX".</p> <p>The 2001 databanks contain 207 areas coded as level of geography 02.</p>
01	Postal Walk	<p>This is the finest level of data and is an aggregation of urban residential postal codes allocated to a letter carrier route. A postal walk of this type can be identified by a region code which is the FSA followed by three blanks, and the postal walk number. An average FSA contains 11 walks.</p> <p>The 2001 databanks contain 20,209 areas coded as level of geography 01. The total population of these postal walks is 22,777,520 (with an average population of 1,127). The walks range in size from 100 to 6,750.</p>

Adding postal areas without duplication

Data files according to the postal geography will often contain subtotals and totals. Many data users need to add certain geographies in order to come up with a total for their particular area of interest. However, including subtotals during this process results in double-counting some populations, and this leads to an erroneous total. The following is a summary of which postal areas are aggregations in the standard postal geography.

Postal walks (Level of Geography, or LOG 1) and walk pots (LOG 2) add up to urban Forward Sortation Areas (FSAs, LOG 3).

Urban FSAs (LOG 3), rural routes (LOG 4), suburban services (LOG 5), rural postal codes within a city (LOG 6) and other urban areas (LOG 7) add up to city totals (LOG 8).

City totals (LOG 8), rural postal codes not in a city (LOG 9) and other areas in a province (LOG 10) add up to provincial/territorial totals (LOG 11).

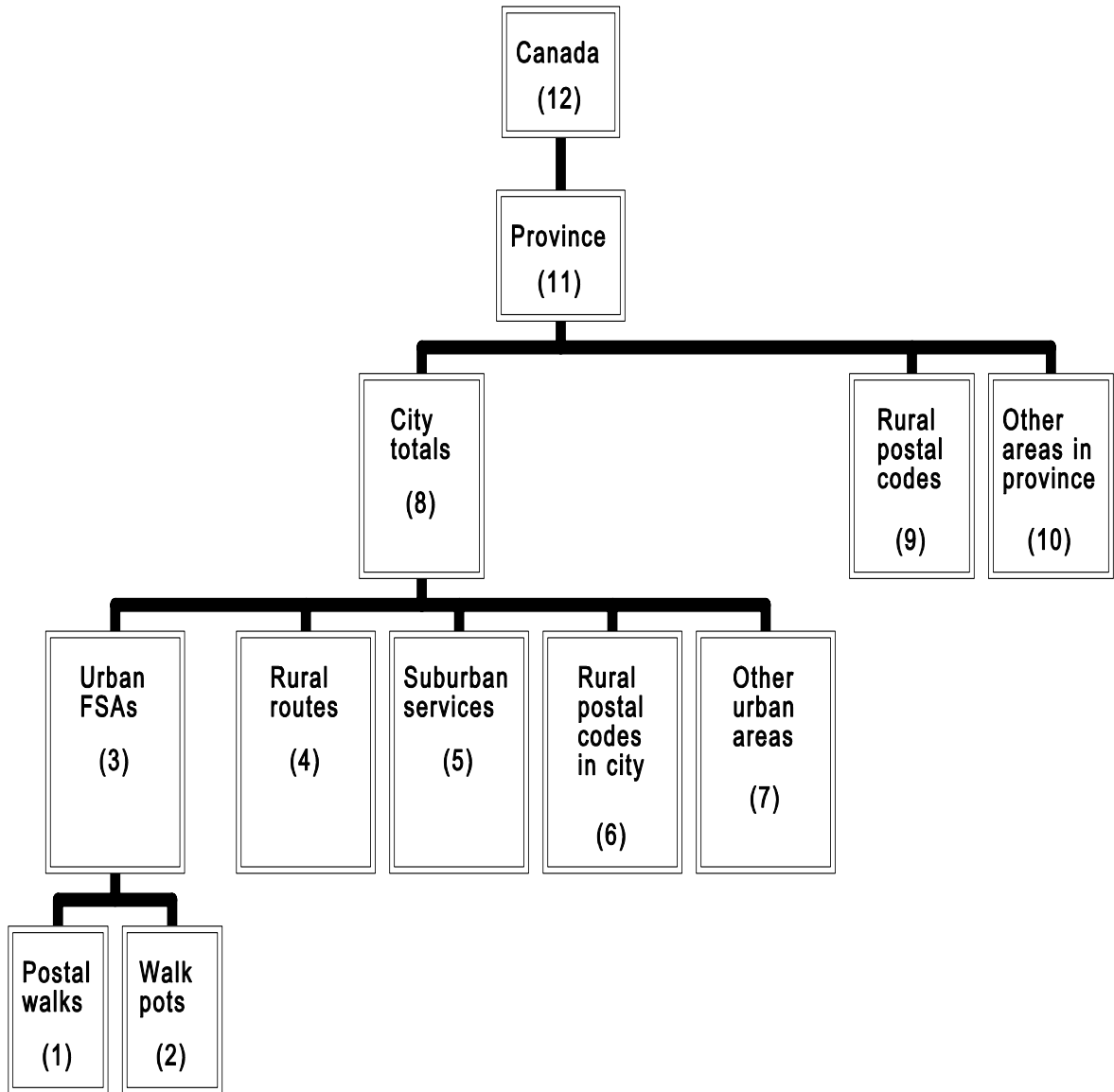
Provincial/territorial totals (LOG 11) add up to the Canada total (LOG 12).

Thus, using the Level of geography codes:

$$1 + 2 = 3$$

$$3 + 4 + 5 + 6 + 7 = 8$$

$$8 + 9 + 10 = 11$$



Concordance files

A concordance file accompanies data that are aggregated by postal walk. This file lists all of the six-character postal codes for which there is information, and identifies the postal walk to which each postal code is assigned. An urban Forward Sortation Area (FSA) may be split between two or more municipalities, and so the FSA label as well as the city identification number (or CityID) becomes important parts of the geographic identifiers. It is a combination of CityID, FSA label and postal walk number that creates unique geographic identifiers. The concordance file consists therefore of the CityID, the FSA label (called the *postal area*), the postal walk number and the six-character urban postal code. By simply browsing the concordance file, one can determine which postal codes make up a given walk. The following illustration is an example of a concordance file.

CityID	Postal area	Postal walk	Postal code
6092	K1B	52	K1B3K5
6092	K1B	52	K1B3V5
6092	K1B	52	K1B4C6
6092	K1B	52	K1B4N7
6092	K1B	52	K1B4N9
6092	K1B	52	K1B4M8
6092	K1B	52	K1B4N9

Vintage of the postal walks

The postal walks represented in the 2001 databanks were coded from a May 2003 Canada Post Corporation file with a November 2002 basefile.

Old walk/new walk file

Since postal walks are subject to change, we will also supply on request, along with postal walk aggregated data and the corresponding concordance file, a third file called the Old walk/New walk file. This file shows the percentage change in the postal walks between the date of the walks to which the data are attached and the latest such information available to us from Canada Post. This file compares the six-character urban postal codes that make up the postal walk at two different points in time. It shows the percentage of the postal codes from the original (old) walk that are included in the newer walk, and the percentage of the new walk that is derived from the old. The following illustration is an example of an old walk/new walk file.

**Comparison Between Old Walks (Month XXXX)
and New Walks (Month YYYY)**

CityID	FSA	Old walk #	New walk #	% of old included in new	% of new derived from old
2434	K1B	50	50	94	74
2434	K1B	50	51	6	8
2434	K1B	51	50	33	26
2434	K1B	51	51	61	92
2434	K1B	51	57	6	5
2434	K1B	57	57	91	50
2434	K1B	57	58	9	100
2434	K1B	52	52	29	10
2434	K1B	52	60	71	100
2434	K1B	53	52	20	24
2434	K1B	53	53	60	100
2434	K1B	53	58	20	33
2434	K1B	54	54	93	83
2434	K1B	54	55	7	5
2434	K1B	55	55	100	89
2434	K1B	56	52	30	14
2434	K1B	56	56	70	100
2434	K1B	58	52	12	10
2434	K1B	58	55	12	5

Geographic Levels - Census Geography

Data are also available for the following levels of the Census geography; the following table shows the coded designators for these geographies, as well as a brief description of each.

Level of Geography	Name	Description
61	Census Tract	<p>Census Tracts (CTs) are small geographic units representing urban or rural neighbourhood-like communities in census metropolitan areas (see definition below) or census agglomerations with an urban core population of 50,000 or more at time of 1996 Census. CTs are delineated by a committee of local specialists (such as planners, health and social workers and educators) in conjunction with Statistics Canada.</p> <p>The 2001 data banks contain 4,730 areas coded as level of geography 61.</p>
51	Economic Region	<p>An economic region is a grouping of complete census divisions (see definition below) with one exception in Ontario. Economic regions (ERs) are used to analyse regional economic activity. Within the province of Quebec, ERs are designated by law. In all other provinces, they are created by agreement between Statistics Canada and the provinces concerned. Prince Edward Island and the territories each consist of one economic region.</p> <p>The 2001 databanks contain 76 areas coded as level of geography 51.</p>
42	Census Agglomeration	<p>The general concept of a census agglomeration (CA) is one of a very large urban area, together with adjacent urban and rural areas that have a high degree of economic and social integration with that urban area. CAs have an urban core population of at least 10,000, based on the previous census.</p> <p>The 2001 databanks contain 109 areas coded as level of geography 42.</p>

Level of Geography	Name	Description
41	Census Metropolitan Area	<p>The general concept of a census metropolitan area (CMA) is one of a very large urban area, together with adjacent urban and rural areas that have a high degree of economic and social integration with that urban area. CMAs have an urban core population of at least 100,000, based on the previous census.</p> <p>There are 28 CMAs in the 2001 databanks:</p> <ul style="list-style-type: none"> 001, St. John's, Newfoundland 205, Halifax, Nova Scotia 310, Saint John, New Brunswick 408, Chicoutimi-Jonquière, Québec 421, Québec, Québec 433, Sherbrooke, Québec 442, Trois-Rivières, Québec 462, Montréal, Québec 505, Ottawa-Gatineau (Québec part) 505, Ottawa-Gatineau (Ontario part) 521, Kingston, Ontario 532, Oshawa, Ontario 535, Toronto, Ontario 537, Hamilton, Ontario 539, St-Catharines-Niagara, Ontario 541, Kitchener, Ontario 555, London, Ontario 559, Windsor, Ontario 580, Sudbury, Ontario 595, Thunder Bay, Ontario 602, Winnipeg, Manitoba 705, Regina, Saskatchewan 725, Saskatoon, Saskatchewan 825, Calgary, Alberta 835, Edmonton, Alberta 932, Abbotsford, British Columbia 933, Vancouver, British Columbia 935, Victoria, British Columbia

Level of Geography	Name	Description
31	Federal Electoral District	<p>A federal electoral district (FED) refers to any place or territorial area represented by a member of Parliament elected to the House of Commons. There are 301 FEDs in Canada according to the 1996 Representation Order. The Representation Order is prepared by the Chief Electoral Officer describing, naming and specifying the population of each electoral district established by the Electoral Boundaries Commission and sent to the Governor in Council.</p> <p>The 2001 data banks contain 301 areas coded as level of geography 31.</p>
21	Census Division	<p>A census division (CD) is a group of neighbouring municipalities joined together for the purposes of regional planning and managing common services (such as police or ambulance services). A CD might correspond to a county, a regional municipality or a regional district.</p> <p>CDs are established under laws in effect in certain provinces and territories of Canada. In other provinces and territories where laws do not provide for such areas (Newfoundland, Manitoba, Saskatchewan and Alberta), Statistics Canada defines equivalent areas for statistical reporting purposes in cooperation with these provinces and territories.</p> <p>The 2001 data banks contain 288 areas coded as level of geography 21.</p>

Geographic Levels - Special Geography

Clients may select geographical areas of their own definition; areas that are not part of the standard areas listed here (for example, bank service areas, retail store catchment areas). For this, clients must submit a list of the postal codes that make up their special area, and we will aggregate the micro data to correspond to that area of interest. Information ordered for special, or "user-defined" areas will be coded according to the following:

Level of Geography	Name	Description
93	Total for all user-defined areas	This level represents the sum total of all user-defined areas, and is the total of levels 91 and 92 described below.
92	Other user-defined areas	This level of geography represents all user-defined areas that were too small, in terms of population; to have information compiled on those areas individually (i.e. fewer than 100 taxfilers). Such areas are grouped into this "other" category.
91	Special user-defined area	Any area showing a code "91" is an area defined by a specific user according to that user's needs (for example, school catchment areas, health districts, etc.)

Conversion files

When a client is interested in purchasing data for areas that are considered non-standard geography by Small Area and Administrative Data Division, a conversion file is usually necessary. A combination of postal codes making up one or more special area(s) is commonly referred to as a conversion file – an electronic file used by our staff to aggregate the different postal codes that make up the user-defined area. Simply provide us with the postal codes related to the area and we will compile the data (subject to our confidentiality restrictions). This list should include all postal codes for each area.

This would apply only to an area that is not a standard area. It could include any one or a combination of areas whose boundaries are a combination of standard areas or a combination of postal codes. User-defined areas may be branch service or school catchment areas, neighbourhoods or almost any other region.

Each postal code on a conversion file is linked to a corresponding area code. The postal code is used as the basis for the tabulation of economic and demographic data for each area. Refer to the example below for a typical conversion file received by the Small Area and Administrative Data Division.

Postal code	User Area
A1A1A1	0001
A1A1A2	0001
A1A1A3	0001
A1A1A4	0001
A1A1A5	0001
A1A1A6	0001
A1A1A7	0002
A1A1A8	0002
A1A1A9	0002
A1A1B1	0002
A1A1B2	0002
A1A1B3	0003
A1A1B4	0003
A1A1B5	0003
A1A1B6	0003
A1A1B7	0003
A1A1B8	0004
A1A1B9	0004
A1A1C1	0004
A1A1C2	0004
A1A1C3	0004

Note:

1) The conversion file should have a record length of 10 bytes. The first six bytes should represent the postal code and the following four bytes should represent the user-defined area.

2) The postal code does not have a space between the third and fourth characters.

3) The user-defined area code is only four characters in length.

Our system cannot accommodate user-defined areas with hierarchical levels. In the previous example, areas 0001 and 0002 could not add up to their own total, with areas 0003 and 0004 adding up to their own separate total. Generating this type of hierarchical information means submitting this conversion file to our programs several times and increasing costs.

WE INVITE YOUR COMMENTS!

We are always working on ways to improve our products. The comments we receive concerning quality and presentation are essential to meet this objective. If you have any suggestions in this regard, we encourage you, the user, to provide us with your comments.

Data in many forms

Statistics Canada disseminates data in a variety of forms. In addition to publications, both standard and special tabulations are offered. Data are available on the Internet, compact disk, diskette, computer printouts, microfiche and microfilm and magnetic tape. Maps and other geographic reference materials are available for some types of data. Direct online access to aggregated information is possible through CANSIM, Statistics Canada's machine-readable database and retrieval system.

How to obtain more information

Inquiries about these data and related statistics or services should be directed to:

Client Services
Small Area and Administrative Data Division
Statistics Canada
Room 1306, Main Building
Ottawa, Ontario K1A 0T6

Telephone: (613) 951-9720
Toll-Free (866) 652-8443
Fax: (613) 951-4745
Toll-Free (866) 652-8444
saadinfo@statcan.ca

The Advisory Services Division of Statistics Canada provides an information dissemination network across the country through nine regional Reference Centres. Each Reference Centre has a collection of current publications and reference documents that can be consulted or purchased, along with microcomputer diskettes, CD-ROMs, maps, and other products. Copying facilities for printed materials are available on site.

Advisory Services provides a wide range of services: identification of your needs, establishing sources or availability of data, consolidation and integration of data coming from different sources and development of profiles, analysis of highlights or tendencies and, finally, training on products, services, Statistics Canada concepts and also the use of statistical data.

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You can also visit us on the web: <http://www.statcan.ca>.

National enquiries line	1-800-263-1136
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LIST OF DATA PRODUCTS AVAILABLE

The Small Area and Administrative Data Division of Statistics Canada tabulates statistical data derived from administrative records - most notably, the taxfile. The resulting demographic and socio-economic databanks available are listed in the table below, along with their identifying product number and the usual release dates.

Product name	Product number	Release date
RRSP Contributors	17C0006	November
RRSP Contribution Limits (Room)	17C0011	November
Canadian Savers	17C0009	November
Canadian Investors	17C0007	November
Canadian Investment Income	17C0008	November
Canadian Taxfilers	17C0010	November
Canadian Capital Gains	17C0012	November
Charitable Donors	13C0014	December
Neighbourhood Income and Demographics	13C0015	July
Economic Dependency Profiles	13C0017	July
Labour Income Profiles	71C0018	July
Families	13C0016	July
Seniors	89C0022	July
Migration Estimates	91C0025	September

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VANCOUVER, British Columbia
V6B 6C7