



Economic Dependency Profiles

Statistical Data Documentation System
Reference Number 4105

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Data Quality Statements



Statistics
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ECONOMIC DEPENDENCY

PROFILES

- USER'S GUIDE -

Statistics Canada product number 13C0017

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INTRODUCTION

The Economic Dependency Profiles provide information on transfer payments (total as well as by components) and their impact on Canadians living in a given geographical area. The impact is shown through the ratio of *transfer payments* to the *total employment income* reported by Canadians. Data are available for a wide range of geographical levels, starting with the postal code and ending with a Canada total.

The information in this profile is highly accurate and current, since it is obtained from income tax records and is updated annually.

This profile will be a valuable aid to anyone assessing the sociological and financial status of residents in the geographic area of interest to them.

SECTION I -- THE DATA

Data Source

The data in this profile are derived from income tax returns. 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 Currency

Since the data are taken from tax records, they are current data from tax returns filed for the year noted on the tables. For example, 1998 income records are taken from 1998 tax returns filed in Spring of 1999, with data released in the Summer of 2000. Data are always current, since they are updated on an annual basis.

Data Quality

The data used in this profile are direct counts from tax files. In 1998, about 70.5% of Canadians (of all ages) filed tax returns (see figure 1).

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 Credit in 1986 and the Goods and Services Tax Credit in 1989, the percentage of the elderly population filing tax returns has increased. In 1998, 93.9% filed tax returns, up from 75% in 1989.

FIGURE 1 - COVERAGE

Tax year	Number of Taxfilers ('000)	Date of Population Estimate	Population ('000)	Coverage (%)
1990	18,450	April 1, 1991	27,578	66.9
1991	18,786	April 1, 1992	27,938	67.2
1992	19,267	April 1, 1993	28,273	68.1
1993	19,882	April 1, 1994	28,618	69.5
1994	20,184	April 1, 1995	28,939	69.8
1995	20,536	April 1, 1996	29,261	70.2
1996	20,772	April 1, 1997	29,577	70.2
1997	21,113	April 1, 1998	29,893	70.6
1998	21,431	April 1, 1999	30,168	71.0

Percent coverage is based on a comparison of the number of taxfilers in the Small Area and Administrative Data Division's taxfiler databank and the latest population estimates from the Statistics Canada publication *Quarterly Demographic Statistics* (catalogue no. 91-002), now available on the Statistics Canada web site www.ststcan.ca.

In comparing transfer payment totals to 1998 figures from other data sources, it is evident that our coverage is high.

FIGURE 2 - TRANSFER PAYMENT COVERAGE

Transfer Payment	Coverage	Source of Comparison
Employment Insurance Benefits	87%	CANSIM matrix 5702 ¹
Child Tax Benefits	97%	National Accounts ²
Old Age Security Benefits	94%	Human Resources Development Canada ³
CPP/QPP Benefits	91%	HRDC and RRQ ^{3,4}
Social Assistance	68%	National Accounts ²
Workers' Compensation	86%	National Accounts ²

Sources: 1) *Employment Insurance Statistics* from the Labour Statistics Division, Statistics Canada; 2) unpublished data from the System of National Accounts, Statistics Canada; 3) *Statistics Related to Income Security Programs, June 1999*, Human Resources Development Canada; 4) *Statistiques 1998*, Régie des rentes du Québec.

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);

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).

- 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.

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
Other 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.

SECTION II -- CONTENTS OF TABLES

Note:

Beginning with 1988, the Economic Dependency Profiles include the Federal Sales Tax (FST) Credit as an additional component of transfer payments. In 1990, the Goods and Services Tax (GST) Credit began replacing the FST credit, and completely replaced it by 1991. Beginning with the 1997 data, this became the Goods and Services Tax (GST)/Harmonized Sales Tax (HST) Credit.

Additionally, the Provincial Tax Credits and Non-taxable Income are included in transfer payments and in total income for the first time with the 1990 data. In 1994, Quebec family allowance was added for the first time. In 1996, British Columbia family bonus was added for the first time. 1998 data saw the addition of the Alberta family employment tax credit, the New Brunswick child tax benefit, the Northwest Territories child benefit, the Nova Scotia child benefit, the Nunavut child benefit, the Ontario child care supplement for working families and the Saskatchewan child benefit.

The addition of these new variables increases the sums reported for transfer payments and has an impact on the Economic Dependency Ratios. These changes should be taken into consideration when making comparisons to data from previous years.

Beginning in 1990, the tables in the Economic Dependency Profiles include counts of the number reporting GST Credits and Non-taxable Income and Provincial Tax Credits. The latter variable (Non-taxable Income/Provincial Tax Credits) was split in 1994 to show separately Workers' Compensation, Social Assistance, and Provincial Refundable Tax Credits/Family benefits.

Beginning in 1993, the Canada Child Tax Benefits replace Family Allowance and Child Tax Credits.

Starting with the 1996 data, a dependency ratio is calculated for government transfers (a ratio that, for the first time, excludes private pensions).

Each table contains the following information for **Transfer Payments** (total) and **all its components**:

Number Reporting

Total number of individuals who filed a personal income tax return for the reference year, and reported receipt of at least one of the transfer payments.

Amount (\$'000)

Total reported transfer payments expressed in thousands of dollars.

Employment Income (\$'000)

Total reported employment income in thousands of dollars. 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).

Economic Dependency Ratio (EDR)

For a given area, EDR is the ratio of transfer payment dollars to every \$100 of total employment income. For example, where a table shows an EDR of 12.1, it means that \$12.10 were received in transfer payments for every \$100 of employment income for that area.

Provincial Index (Province = 100)

The EDR for the area is expressed as a percentage of the EDR for the province. For example, if the EDR for an area has a provincial index of 110, that EDR is 10% higher than the provincial EDR.

Canadian Index (Canada = 100)

The EDR for the area is expressed as a percentage of the EDR for Canada. Hence, if the Canadian index for an area is 95, that area's EDR is 95% of the national EDR.

The following table indicates which transfer payments appear on the data tables. The variables that apply to the transfer payments are indicated with a "√".

FIGURE 4 – DATA TABLE CONTENTS BY TRANSFER PAYMENT

Transfer Payment shown on data table	Number reporting	Amount (\$'000)	Contrib. to EDR	Prov. Index	Cdn Index
Employment Income	√	√			
(Total of all) Government Transfers	√	√	√	√	√
Employment Insurance	√	√	√		
GST/HST Credit	√	√	√		
Child Tax Benefit	√	√	√		
Old Age Security/Net Federal Supplements	√	√	√		
CPP / QPP	√	√	√		
Workers' Compensation	√	√	√		
Social Assistance	√	√	√		
Provincial Refundable Tax Credits/Family Allowance	√	√	√		
Other Pensions	√	√	√		

Statistical Table - Footnotes and Historical Availability

- available for postal areas, Census Divisions and Census Metropolitan Areas starting with the 1989 data.
- starting with the 1996 data, “transfer payments” was replaced by two separate categories: “government transfers” and “other pensions”. Prior to 1996, “transfer payments” included superannuation and other (private) pensions.
- commencing in 1996 was a refundable tax credit that applies to residents of British Columbia. The British Columbia family bonus is now included in “provincial refundable tax credits/family benefits” in the statistical table. Formerly, this category included only the Quebec family allowance.
- starting with the 1997 data, provincial sales taxes in Newfoundland, Nova Scotia and New Brunswick were harmonized with the federal Goods and Services Tax (GST) to become the Harmonized Sales Tax (HST). Thus, the GST credit became the GST/HST credit.
- starting with the 1998 data, “provincial refundable tax credits/family benefits” also includes the Alberta family employment tax credit, the New Brunswick child tax benefit, the Northwest Territories child benefit, the Nova Scotia child benefit, the Nunavut child benefit, the Ontario child care supplement for working families and the Saskatchewan child benefit.
- the sources of income (or specific transfer payments) have changed over the years, depending on the information available from the T1.
- since 1994, OAS payments also include guaranteed income supplements and spousal allowances.
- information on Workers’ Compensation and social assistance available as separate income sources only since 1994. Previously included in “non-taxable income”.

SECTION III -- GLOSSARY OF TERMS

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.

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 Division (CD)

See section on Geography.

Census Metropolitan Areas (CMAs)

See section on Geography.

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).

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.

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.

Forward Sortation Area (FSA)

See section on Geography.

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.

Index

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

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.

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".

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-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".

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 pensions

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

Postal walk

See section on Geography.

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.

Ratio

is the relationship of one variable to another where both are different, as the ratio of males to females, for example.

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.

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".

Suburban service

See section on Geography.

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.

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 areas that comprised, for example, half of a letter carrier walk in one FSA and a portion of a walk in another FSA. In other words, the area whose boundaries are a portion of, or a combination of portions of standard areas. 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. Also, the user-defined area may be a total of a number of individual standard areas, grouped together for a total, rather than a number of individual areas each with their own total. Of course, 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.

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 Table - Footnotes and Historical Availability” for further details.

Standard areas:

- a) Canada,
- b) Provinces and Territories,
- c) Census Divisions,
- d) Census Metropolitan Areas, and
- e) Postal Geography.

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.....A99010 Nova Scotia.....B99012 Prince Edward IslandC99011 New Brunswick.....E99013 QuebecJ99024 OntarioP99035 ManitobaR99046 Saskatchewan.....S99047 Alberta.....T99048 British Columbia.....V99059 Northwest TerritoriesX99061 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.....A89010 Nova Scotia.....B89012 Prince Edward IslandC89011 New Brunswick.....E89013 QuebecJ89024 OntarioP89035 ManitobaR89046 Saskatchewan.....S89047 Alberta..... British Columbia.....V89059 Northwest TerritoriesX89061 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 1998 databanks contain 4,267 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>The 1998 databanks contain 854 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 1998 databanks contain 480 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 1998 databanks contain 360 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 located inside an urban FSA, usually adjacent to more highly populated areas, and mail is delivered by a contractor to group boxes, community mail boxes and/or external delivery sites (e.g., kiosks, miniparks).</p> <p>The 1998 databanks contain 28 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", where mail is delivered by a contractor using a motorized vehicle to a group of boxes or to gate boxes. Their region code retains all six characters of the postal code. Rural routes are located outside an urban FSA.</p> <p>The 1998 databanks contain 919 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 1998 databanks contain 1,697 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 a region code which is the FSA followed by three blanks, and the postal walk number "XXXX".</p> <p>The 1998 databanks contain 171 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.</p> <p>The 1998 databanks contain 18,571 areas coded as level of geography 01. The total population of these postal walks is 21,395,840 (with an average population of 1,152). The walks range in size from 110 to 5,120.</p>

Concordance files

Data that are aggregated by postal walk are accompanied by a concordance file. 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") become 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
2434	K1B	57	K1B3V6
2434	K1B	57	K1B3V7
2434	K1B	57	K1B3V8
2434	K1B	57	K1B3V9
2434	K1B	57	K1B4V1

"Vintage" of the postal walks

The postal walks represented in the 1998 databanks were coded from a Canada Post Corporation file with a June 2000 reference date.

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, and 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 (June 2000)
and New Walks (August 2000)**

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
41	Census Metropolitan Areas (CMAs)	<p>The general concept of a CMA is one of a very large urban area, together with adjacent urban and rural areas which 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 26 CMAs in the 1998 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-Hull (Québec part) 505, Ottawa-Hull (Ontario part) 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 933, Vancouver, British Columbia 935, Victoria, British Columbia

Level of Geography	Name	Description
21	Census Divisions (CDs)	<p>General term applying to geographic areas established by provincial law (or in conjunction with Statistics Canada, as in the cases of Newfoundland, Manitoba, Saskatchewan and Alberta) and intermediate between census subdivisions and the province (e.g., counties, regional districts, regional municipalities, etc.)</p> <p>In Newfoundland, Manitoba, Saskatchewan and Alberta, census divisions have been created by Statistics Canada in co-operation with those provinces.</p> <p>There are 288 CDs in the 1998 databanks, based on the 1996 Census boundaries.</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 areas 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 which 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, therefore, 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, thus 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

Phone: (613) 951-9720

Fax: (613) 951-4745

saadinfo@statcan.ca

Local Statistics Canada Reference Centres are listed on the last page. You can also visit our World Wide Web site at <http://www.statcan.ca>.

Toll-free access is provided for all users who reside outside the local dialling area of any of the Regional Reference Centres.

National enquiries line 1-800-263-1136

National telecommunications device for the hearing impaired 1-800-363-7629

Order-only line (Canada and the United States) 1-800-267-6677

National Toll-free Fax Order line 1-877-287-4369

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Statistics Canada is committed to serving its clients in a prompt, reliable and courteous manner and in the official language of their choice. To this end, the agency has developed standards of service which its employees observe in serving its clients. To obtain a copy of these service standards, please contact your nearest Statistics Canada Regional Reference Centre.

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	December
Canadian Savers	17C0009	November
Canadian Investors	17C0007	November
Canadian Investment Income	17C0008	November
Canadian Taxfilers	17C0010	November
Charitable Donors	13C0014	December
Neighbourhood Income and Demographics	13C0015	July
Economic Dependency Profiles	13C0017	July
Labour Force Income Profiles	71C0018	July
Families	13C0016	July
Seniors	89C0022	August
Migration Estimates	91C0025	August
Postal Area Profiles	89C0021	September

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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 which can be consulted or purchased, along with microcomputer diskettes, CD-ROMs, maps, and other products. Copying facilities for printed materials are available on site.

Each Reference Centre provides a wide range of additional services. On the one hand, the Dissemination Services: a free telephone inquiries line for the most recent basic data. On the other hand, Advisory 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.

For more information, you can call the Reference Centre closest to you by dialling the number on the following page; if you are outside the local calling area, please dial the national toll-free inquiries number and you will be in contact with the Regional Reference Centre serving your area.

National Toll-Free **Inquiries** Line (Canada and United States): 1-800-263-1136

Telecommunications Device for the **Hearing Impaired**: 1-800-363-7629

Toll-Free **Order Only** Line (Canada and United States): 1-800-267-6677

National Toll-Free **Fax Order** Line (Canada and United States): 1-877-287-4369

ATLANTIC REGION

Serving the provinces of Newfoundland and Labrador, Nova Scotia, Prince Edward Island and New Brunswick.

Statistics Canada
Advisory Services
1741 Brunswick Street
2nd Floor, Box 11
HALIFAX, Nova Scotia
B3J 3X8

Toll-free: 1-800-263-1136
Local calls: (902) 426-5331
Fax number: (902) 426-9538
E-mail: atlantic.info@statcan.ca

QUEBEC REGION

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Statistics Canada
Advisory Services
200 René Lévesque Blvd. West
Guy Favreau Complex
4th Floor, East Tower
MONTREAL, Quebec
H2Z 1X4

Toll-free: 1-800-263-1136
Local calls: (514) 283-5725
Fax number: (514) 283-9350

NATIONAL CAPITAL REGION

Serving the National Capital Region.

Statistics Canada
Statistical Reference Centre
(National Capital Region)
R.H. Coats Building, Lobby
Holland Avenue
OTTAWA, Ontario
K1A 0T6

Toll-free: 1-800-263-1136
Local calls: (613) 951-8116
Fax number: (613) 951-0581
E-mail: infostats@statcan.ca

ONTARIO REGION

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Statistics Canada
Advisory Services
Arthur Meighen Building, 10th Floor
25 St. Clair Avenue East
TORONTO, Ontario
M4T 1M4

Toll-free: 1-800-263-1136
Local Calls: (416) 973-6586
Fax number: (416) 973-7475

PRAIRIE REGION

This region has four Reference Centres serving the provinces of Manitoba, Saskatchewan, Alberta and the Northwest Territories.

Serving the province of Manitoba:

Statistics Canada
Advisory Services
Via Rail Building, Suite 200
123 Main Street
WINNIPEG, Manitoba
R3C 4V9

Toll-free: 1-800-263-1186
Local calls: (204) 983-4020
Fax number: (204) 983-7543
E-mail: statswpg@Solutions.net

Serving the province of Saskatchewan:

Statistics Canada
Advisory Services
Park Plaza, Suite 440
2365 Albert Street
REGINA, Saskatchewan
S4P 4K1

Toll-free: 1-800-263-1186
Local calls: (306) 780-5405
Fax number: (306) 780-5403
E-mail: statcan@sk.sympatico.ca

Serving Northern Alberta and the

Northwest Territories:

Statistics Canada
Advisory Services
Park Square, 9th Floor
10001 Bellamy Hill
EDMONTON, Alberta
T5J 3B6

Toll-free: 1-800-263-1186
Local calls: (780) 495-3027
Fax number: (780) 495-5318
E-mail: ewieall@statcan.ca

Serving Southern Alberta:

Statistics Canada
Advisory Services
Discovery Place, Room 201
3553 – 31 Street N.W.
CALGARY, Alberta
T2L 2K7

Toll-free: 1-800-263-1186
Local calls: (403) 292-6717
Fax number: (403) 292-4958
E-mail: degagnej@cadvision.com

PACIFIC REGION

Serving the province of British Columbia and the Yukon Territory.

Statistics Canada
Advisory Services
Library Square Office Tower
600-300 West Georgia Street
VANCOUVER, British Columbia
V6B 6C7

Toll-free: 1-800-263-1136
Local calls: (604) 666-3691
Fax number: (604) 666-4863
E-mail: stcvan@statcan.ca