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# DIFFERENCES IN INCOME ESTIMATES FOR FAMILIES 

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Catalogue No. 97-03: Differences in income estimates for families

## EXECUTIVE SUMMARY

This report compares income estimates obtained from a number of different surveys. Comparisons are made of the income distributions and for average and median income for various groupings of individuals living within private households. These include persons living in Census and Economic families, and persons not living in these two types of families. Comparisons are also made on a private household basis.

The primary sources for family income statistics, are the Census, the Survey of Consumer Finances, and the family data file prepared by SAAD from Revenue Canada data. Statistics from the Survey of Labour and Income Dynamics have not been included, but it is also a primary source.

This paper focuses on income estimates for families. (Differences in income estimates for persons is considered in ILDS Working Paper 97-02.) Essentially we need to look at what happens to the differences in incomes when individuals are grouped into families and persons not in families.

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## 1. INTRODUCTION

This report compares income estimates obtained from a number of different surveys. Comparisons are made of the income distributions and for average and median income for various groupings of individuals living within private households. These include persons living in Census and Economic families, and persons not living in these two types of families. Comparisons are also made on a private household basis.

The primary sources for family income statistics, are the Census, the Survey of Consumer Finances, and the family data file prepared by SAAD from Revenue Canada data. Statistics from the Survey of Labour and Income Dynamics have not been included, but it is also a primary source.

The full range of family income statistics to be compared, comprise:

- Census families
- Persons not in Census families
- Economic families
- Unattached individuals - that is persons not in economic families Only the Census and SCF cover the full range of these.

The Census average incomes are based on either the published series, or a series where the Census coverage has been adjusted to closely match that of the SCF, or both. The SCF average incomes include the originally published series, and those which are from the latest revised series. Since the original and revised series give, in same cases, non-trivial differences when comparing the Census and SCF estimates, both sets of differences are shown.

For individuals the overall average income from the Census was higher than that from the SCF, and the differences for 1985 and 1990 appear to be statistically significant. For family units, however, the results are less clear-cut. For the Census and economic families, average incomes from the Census were higher in 1985 and 1990, but lower for 1980. For the two types of persons not in families the reverse is observed. Most of these differences, however, are not significant.

The more detailed comparisons based on the income distributions (Tables 3 to 10) show the Census as having a higher proportion of its family units in lowest income group. There is also a tendency, but less clear cut than for individuals, for the Census to have a higher proportion of families and persons not in families in the highest income group, and also to have a larger average income for that group. Of the averages by province (Tables 11 to 18), few if any show significant differences.

Whether there are some sub-groups which show more significant differences is not easily determined given the paucity of published income data from the Census. For 1985, Census families by size did not show any significant differences, but for persons not in Census families, those in the 15-24 age group from the Census are shown to have a significantly lower average income, for both sexes. For 1980, however, the differences were not significant.

Moving now to comparisons with the T1 Family File, these are made mainly with respect to the SCF, and just for Census family units. They are also primarily made in terms of medians, although for 1990 some averages have been estimated from aggregate incomes. Medians estimated from the T1 Family File for both 1990 and 1993 are mostly 5 to $7 \%$ lower than those estimated from the SCF. Average 1990 incomes, however, are much closer. A similar comparison for 1993 (not shown,
but available) also shows that the differences for the averages are much smaller than for the medians.

Within Census families, medians and average incomes for lone parent families estimated from the T1 Family File are much lower than those from the Census and SCF for 1990, and even lower compared with the SCF for 1993. It appears also that the number of lone parent families on the T1 Family File is much higher than those from the Census, SCF and also the demographic estimates made by Demography.

The differences in the incidence of low income obtained from the Census and SCF appear to be hardly if at all significant. Comparisons made between the SCF and the T1 Family File for 1993, however, even with SCF estimates based on the Census family, show generally a much higher incidence for the T1 Family File. It is a separate issue as to whether basing low income incidences on the Census family is appropriate. There is perhaps a distinction to be made between on the one hand a low income measure (or LIM) which may be simply a characteristic of an income distribution, and could thus be applied to the individuals or any groupings of individuals, and a low income cut-off (LICO) which is supposed to have an economic meaning in a poverty context.

The other part of this study on income differences, Differences in Income Estimates for Persons, compared the income estimates derived from the different primary data sources. It also compared the aggregate income estimates with those on Personal Income which are part of the National Accounts, with Taxation Statistics, and with program statistics for various government transfer payments which are published by Human Resources in Social Security Statistics. These aggregate comparisons are not repeated for the second part of the study, because
the family estimates with corresponding estimates for persons not in families aggregate (more or less) to the same aggregate income as those shown for individuals. This can be clearly seen in Table 1. It should be noted that the Survey of Consumer Finances has the same universe for all three basis, namely persons living in private households in Canada excluding those living in the Yukon, the NWT and on Indian reserves. Whereas for the Census the family basis corresponds to that of private households, although the individual basis had also included the non-institutional population living in collective households. The latter, however, results in a difference in aggregate income of only about $0.8 \%$.

Table 1: Aggregate Income Estimates Obtained From Difference Groupings of Individuals for 1990

|  | Persons in <br> Families | Persons not in <br> families | All persons |
| :--- | :---: | ---: | ---: |
| Survey of Consumer Finances | $\mathbf{\$ m n}$ | $\mathbf{\$ m n}$ | $\mathbf{\$ m n}$ |
| Census Family Basis | 359,182 | 87,128 | 446,310 |
| Economic Family Basis | 371,796 | 74,491 | 446,287 |
| Individual Basis |  |  | 446,507 |
|  |  |  |  |
| Census |  |  |  |
| Census Family Basis | 373,354 | 83,782 | 457,136 |
| Economic Family Basis | 385,236 | 71,895 | 457,131 |
| Individual Basis |  |  | 460,691 |

Source: SCF data for Census Family Basis Tables $13 \& 22$ of Family Incomes: Census Families 1990 (13-208); and for Economic Family \& Individual basis Tables 22, 32 \& 54 of Income Distributions by Size in Canada, 1990 (13-207). The Census data is from unpublished tables which for the two family basis refers to private households in Canada excluding Yukon, NWT \& Indian reserves, and for individuals a similar geographic coverage, but also includes individual other than inmates living in collective households.

## 2. GROUPS OF INDIVIDUALS

Table 1 shows aggregate income for two of the three groups into which individuals are usually placed for the production of income statistics. The three groups are:

- Private households
- Census families and persons not in Census families
- Economic families and unattached individuals

A household refers to a person or group of persons who occupy the same private dwelling, and do not have a usual place of residence elsewhere in Canada.

A Census family refers to a now-married couple (with or without never-married sons and/or daughters of either or both spouses), a couple living common-law (again with or without never-married sons and/or daughters of either or both partners), or a lone parent of any marital status, with at least one never-married son or daughter living in the same dwelling.

An Economic family refers to a group of two or more persons who live in the same dwelling and are related to each other by blood, marriage, common-law or adoption.

## 3. SOURCES OF INCOME STATISTICS FOR FAMILIES IN CANADA

### 3.1 Primary Sources

If we define a primary source of income as one used to produce an "official" income series, then the following list is appropriate:

- The Census
- The Survey of Consumer Finances (SCF)
- Survey of Labour and Income Dynamics (SLID)
- The Revenue Canada Individual Income Returns

The first three sources provide income statistics with respect to families living in private households, whereas the last one might also include families living in collective households.

The Census \& Survey of Consumer Finances provide income series obtained from household surveys, which can be used to provide aggregate income, average income, median income, and the distribution of income by size for Census and Economic families, and for persons not in either the Census or Economic families, as well as households. Both sources only provide income data for families and non-family persons living in private households, but the data from the Survey of Consumer Finances, also exclude those living in the Yukon and Northwest Territories and on Indian Reserves.

The Survey of Labour and Income Dynamics (SLID) Family income data from SLID was not available at the time of writing. It should, however, provide income statistics for families and non-family persons on a similar basis as the Survey of Consumer Finances.

The Revenue Canada series is mostly restricted to individuals who submit tax returns. This series can be used to provide aggregate income, average income, median income, and the distribution of income by size for individuals on the 'tax required' income concept. Producing data for families on the same basis as for the Census and Survey of Consumer Finances, is not as easily done as for those
sources, although some estimates for Census families, and persons not in Census families are produced as part of the Small Area and Administrative Data program.

### 3.2 Secondary Sources

For this study a secondary income source is one in which the income data has been collected mainly to facilitate the analysis and presentation of other data. Its income component is subordinated to a secondary role, and it would not normally be regarded as an official source for income statistics. As was noted in study on income differences for individuals, generally the method of data collection, its timing, and/or its edit and imputation would in itself justify regarding such income data as being of lesser quality, or at least justifiably a 'non-official' source. In the study on individuals, it was noted that some of these secondary sources also tried to obtain estimates on household income, and some comparisons were made with SCF income data on that basis. No further consideration of the secondary sources will not be considered here.

## 4. ACCOUNTING FOR DIFFERENCES IN INCOME ESTIMATES

Differences in income estimates may be due to one or more factors indicated in Section 2 of Differences in Income Estimates for Individuals. One of those was the method and data used for weighting the sample data, including calibration estimators to provide family estimates. Of the primary sources this factor is very important for the SCF, and more especially in the context of family (and household) estimates. Although the SCF can reweight its data once Census or revised demographic estimates are available, there is a delay. For example, the SCF did not move to the 1991 Census base until it published its 1994 income estimates, and a table which showed the series of annual estimates covering 1980-

1994 was also included to reflect this move. Intercensal estimates for families are confined to the Census family. The size and composition of households and families have shown some considerable changes over time, as can be seen from the tables in Appendix A, and estimating these changes in advance is not an easy exercise. Another factor which may account for differences in income estimates which is specific to family data, is the manner in which family memberships are identified within the household.

## 5. DIFFERENCES IN INCOME ESTIMATES FOR FAMILIES AND PERSONS NOT IN FAMILIES: CENSUS AND THE SURVEY OF CONSUMER FINANCES

This section deals with differences in income estimates obtained from the Census compared with those from the SCF. Both sources have their families and persons not in families series based on the coverage of private households in Canada, but the coverage for SCF excludes persons living in the Yukon and NWT, and on Indian reserves. For this study income comparisons are shown for four series:

- Census families
- Persons not in Census families
- Economic families
- Unattached individuals (i.e. persons not in economic families.)

Some income data from the Census is available based on the same geographic coverage as SCF. For 1990, the published Census data for these series was restricted to Census families, but a set a Census tables showing 1990 incomes were produced for this study based on SCF geographic coverage. The SCF income data shown, includes the published original series, and a revised series some of which were partly published in either Family Incomes Census Families 1994 (Cat. 13-
208) or Income Distributions by Size in Canada 1994 (Cat. 13-207), but which mostly exist only as unpublished data. The revised SCF series reflects the move to the 1991 Census base, the adjustment of population estimates for net Census undercoverage, and the inclusion of non-permanent residents. They also reflect a move from the use of controls on both the individual and family levels, to one base on individuals. The Census data is not adjusted for the undercoverage.

### 5.1 Summary of Income Differences - Census \& SCF

Table 2 gives an overview of the differences in average income at the Canada level.
For families (both on Census and economic family basis) the Census estimates are higher for both 1985 and 1990 by $1 \%$ to $2 \%$, and a bit higher for 1990 using the revised SCF estimates. For 1980 the Census estimates are slightly lower. Only some of these differences appear to be statistically significant.

For persons not in families (again on both basis) the Census estimates are lower for 1985 and 1990, and a bit higher for 1980, but again only some of these differences appear to be statistically significant.

Table 2: Summary of Average Income \& Differences in the Average Income
Estimates For Families and Persons Not In Families - Census \& SCF 1980-1990

|  | 1980 | 1985 | 1990 |
| :---: | :---: | :---: | :---: |
| Census Families |  |  |  |
| Average income |  |  |  |
| [1]. Census as published | \$26,748 | \$37,827 | \$51,342 |
| [2]. Census estimate adjusted to SCF |  |  | \$51,458 |
| [3]. SCF Original estimates | \$26,913 | \$37,368 | \$50,468 |
| [4]. SCF Revised estimates (1994) | \$27,040 | \$37,771 | \$50,099 |
| Differences in income estimates |  |  |  |
| [5] (Census - SCF Original) \% | -0.6\% | 1.2\% | 1.9\% |
| [6] (Census - SCF Revised) \% | -1.1\% | 0.3\% | 2.7\% |
| [7] Coefficient of variation SCF | 0.7\% | 0.7\% | 0.7\% |
| Persons Not In Census Families |  |  |  |
| Average income |  |  |  |
| [1]. Census as published | \$10,985 | \$15,495 |  |
| [2]. Census estimate adjusted to SCF |  |  | \$21,024 |
| [3]. SCF Original estimates | \$10,681 | \$15,762 | \$21,530 |
| [4]. SCF Revised estimates (1994) | \$10,962 | \$16,044 | \$21,895 |
| Differences in income estimates |  |  |  |
| [5] (Census - SCF Original) \% | 2.8\% | -1.7\% | -2.4\% |
| [6] (Census - SCF Revised) \% | 0.2\% | -3.5\% | -4.1\% |
| [7] Coefficient of variation SCF | 1.5\% | 1.1\% | 1.2\% |
| Economic Families |  |  |  |
| Average income |  |  |  |
| [1]. Census as published | \$27,328 | \$38,652 |  |
| [2]. Census estimate adjusted to SCF |  | \$38,733 | \$52,614 |
| [3]. SCF Original estimates | \$27,398 | \$38,059 | \$51,633 |
| [4]. SCF Revised estimates (1994) | \$27,686 | \$38,471 | \$51,122 |
| Differences in income estimates |  |  |  |
| [5] (Census - SCF Original) \% | -0.3\% | 1.8\% | 1.9\% |
| [6] (Census - SCF Revised) \% | -1.3\% | 0.7\% | 2.9\% |
| [7] Coefficient of variation SCF | 0.7\% | 0.7\% | 0.7\% |
| Unattached Individuals |  |  |  |
| Average income |  |  |  |
| [1]. Census as published | \$11,838 | \$16,587 |  |
| [2]. Census estimate adjusted to SCF |  | \$16,602 | \$22,180 |
| [3]. SCF Original estimates | \$11,403 | \$16,729 | \$22,615 |
| [4]. SCF Revised estimates (1994) | \$11,574 | \$17,013 | \$22,778 |
| Differences in income estimates |  |  |  |
| [5] (Census - SCF Original) \% | 3.7\% | -0.8\% | -1.9\% |
| [6] (Census - SCF Revised) \% | 2.3\% | -2.4\% | -2.7\% |
| [7] Coefficient of variation SCF | 1.7\% | 1.2\% | 1.3\% |

### 5.2 Comparison of the Income Distributions - Census \& SCF

Differences in the distribution of income for the two sources, are, in Tables 3 to 10.

The income distributions for families (both kinds) show similar differences for 1985 and 1990 as for those of individuals. The SCF income estimates showing:

- proportionately fewer families in the lowest and highest income groups
- average incomes which a slightly lower than those obtained from the Census, some of which appear to be statistically significant;
- medians which are very close to those obtained from the Census;
- average incomes, in the open-ended highest income groups which are much lower than those for the Census.

For persons not in families, however, the experience is different. Here the SCF income estimates show:

- proportionately fewer persons in the lowest income group;
- average incomes and medians which are higher than those estimated from the Census, although not all appear to be statistically significant;
- average incomes in the open-ended highest income groups which are lower than those for the Census.

Table 3: Census Families: Comparison of the Income Distributions for
Census and SCF in 1990

|  | [1] <br> Census as published | [2] <br> Census data adjusted to SCF coverage | [3] SCF original | [4] SCF revised |
| :---: | :---: | :---: | :---: | :---: |
| Under \$10,000 | 5.0\% | 4.9\% | 3.1\% | 3.2\% |
| \$10,000-\$19,999 | 10.8\% | 10.8\% | 11.4\% | 11.7\% |
| \$20,000-\$29,999 | 13.0\% | 13.0\% | 13.7\% | 13.8\% |
| \$30,000-\$39,999 | 14.2\% | 14.2\% | 14.3\% | 14.3\% |
| \$40,000-\$49,999 | 14.0\% | 14.0\% | 14.4\% | 14.4\% |
| \$50,000-\$59,999 | 12.3\% | 12.2\% | 12.7\% | 12.7\% |
| \$60,000-\$69,999 | 9.4\% | 9.5\% | 9.6\% | 9.6\% |
| \$70,000-\$79,999 | 6.7\% | 6.7\% | 6.8\% | 6.7\% |
| \$80,000-\$89,999 | 4.5\% | 4.5\% | 4.8\% | 4.7\% |
| \$90,000-\$99,999 | 3.0\% | 3.0\% | 3.0\% | 3.0\% |
| \$100,000 \& over | 7.2\% | 7.2\% | 6.3\% | 6.1\% |
| Total | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| Number of families | 7,355,730 | 7,255,570 | 7,117,000 | 7,529,000 |
| Average income | \$51,342 | \$51,458 | \$50,468 | \$50,099 |
| Median (1) | \$44,891 | n.a. | \$45,129 | \$44,783 |
| Standard error | \$33 | \$34 | \$350 | \$361 |
| Coefficient of variation | 0.0\% | 0.0\% | 0.7\% | 0.7\% |
| Median (2) | \$45,037 | \$45,071 | \$45,208 | \$44,861 |
| \$75,000 \& over |  |  |  |  |
| Average income |  | \$110,762 | \$104,248 |  |
| \$100,000 \& over |  |  |  |  |
| Average income |  | \$147,530 | \$136,658 |  |

Source: Census as published Selected Income Statistics (Cat. 93-331-1991) Table 6. Census adjusted to SCF coverage unpublished data. SCF original and revised respectively from Family Incomes: Census Families 1990 and 1994 (Cat. 13-207) Table 1. Median (1) is as estimated by Census or SCF. Median (2) is as estimated by HEC based on the distribution as presented in this table.

Table 4: Census Families: Comparison of the Income Distributions for Census and SCF in 1985

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as published | Census data adjusted to SCF coverage | SCF original | SCF revised |
| Under \$10,000 | 8.4\% |  | 6.6\% | 6.2\% |
| \$10,000-\$14,999 | 8.1\% |  | 8.9\% | 8.7\% |
| \$15,000-\$19,999 | 9.1\% |  | 9.8\% | 9.6\% |
| \$20,000-\$24,999 | 8.7\% |  | 8.9\% | 8.8\% |
| \$25,000-\$29,999 | 9.0\% |  | 9.3\% | 9.4\% |
| \$30,000-\$34,999 | 9.5\% |  | 9.7\% | 9.8\% |
| \$35,000-\$39,999 | 8.8\% |  | 9.0\% | 9.0\% |
| \$40,000-\$44,999 | 8.0\% |  | 7.9\% | 8.0\% |
| \$45,000-\$49,999 | 6.5\% |  | 6.6\% | 6.6\% |
| \$50,000-\$59,999 | 9.5\% |  | 9.8\% | 10.0\% |
| \$60,000 \& over | 14.2\% |  | 13.7\% | 14.1\% |
| Total | 100.0\% |  | 100.0\% | 100.0\% |
| Number of families |  |  |  |  |
| Average income | \$37,827 |  | \$37,368 | \$37,771 |
| Median | \$33,434 |  | \$33,384 | \$33,766 |
| Standard error | \$25 |  | \$260 | \$251 |
| Coefficient of variation | 0.07\% |  | 0.70\% | 0.66\% |
| \$60,000 \& over |  |  |  |  |
| Average income | \$86,719 |  | \$82,550 |  |

Source: Census Family Income: Census Families (Cat. 93-117 1986) Table 1A, SCF Family
Incomes: Census Families 1985 and 1990 Table 1 for original and revised estimates respectively.

Table 5: Persons Not In Census Families: Comparison of the Income
Distributions for Census and SCF in 1990

|  |  | [2] <br> Census adjusted to SCF coverage | [3] <br> SCF Original | [4] <br> SCF Revised |
| :---: | :---: | :---: | :---: | :---: |
| Under \$5,000 |  | 11.1\% | 6.3\% | 6.1\% |
| \$5,000-\$9,999 |  | 15.5\% | 16.8\% | 16.3\% |
| \$10,000-\$14,999 |  | 21.3\% | 23.3\% | 22.8\% |
| \$15,000-\$19,999 |  | 11.0\% | 11.8\% | 11.8\% |
| \$20,000-\$24,999 |  | 9.8\% | 10.4\% | 10.4\% |
| \$25,000-\$29,999 |  | 7.9\% | 8.2\% | 8.4\% |
| \$30,000-\$39,999 |  | 11.2\% | 11.4\% | 11.8\% |
| \$40,000-\$49,999 |  | 5.9\% | 5.9\% | 6.2\% |
| \$50,000 \& over |  | 6.1\% | 5.8\% | 6.1\% |
| Total |  | 100.0\% | 100.0\% | 100.0\% |
| Number of persons |  | 3,985,100 | 4,047,000 | 4,122,000 |
| Average income |  | \$21,024 | \$21,530 | \$21,895 |
| Median (1) |  | n.a. | \$16,413 | \$16,845 |
| Standard error |  | \$25 | \$253 | \$261 |
| Coefficient of variation |  | 0.1\% | 1.2\% | 1.2\% |
| Median (2) |  | \$15,923 | \$16,525 | \$17,034 |
| \$50,000 or more |  | 6.1\% | 5.8\% |  |
| Average income |  | \$73,257 | \$70,758 |  |

Source: Census from unpublished table. SCF from Family Incomes: Census Families 1990 (Cat. 13-208) Tables $14 \& 19$ for original, and for revised Table 14 of 1994 version of 13-208.

Table 6: Persons Not In Census Families: Comparison of the Income
Distributions for Census and SCF in 1985

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as published | Census data adjusted to SCF coverage | SCF original | SCF revised |
| Under \$5,000 | 16.8\% |  | 12.3\% | 12.4\% |
| \$5,000-\$8,999 | 23.9\% |  | 24.9\% |  |
| \$5,000-\$9,999 |  |  | 31.4\% | 30.4\% |
| \$9,000-\$11,999 | 12.4\% |  | 15.0\% |  |
| \$10,000-\$14,999 |  |  | 16.7\% | 16.6\% |
| \$12,000-\$14,999 | 7.8\% |  | 8.2\% |  |
| \$15,000-\$19,999 | 11.0\% |  | 11.6\% | 11.7\% |
| \$20,000-\$24,999 | 8.7\% |  | 9.5\% | 9.7\% |
| \$25,000-\$29,999 | 6.4\% |  | 6.4\% | 6.7\% |
| \$30,000 \& over | 12.9\% |  | 12.0\% | 12.5\% |
| Total | 100.0\% |  | 100.0\% | 100.0\% |
| Number of persons | 3,471,955 |  | 3,521,000 | 3.611,000 |
| Average income | \$15,495 |  | \$15,762 | \$16,044 |
| Median (1) | \$10,984 |  | \$11,465 | \$11,786 |
| Standard error | \$19 |  | \$179 | \$185 |
| Coefficient of variation | 0.1\% |  | 1.1\% | 1.2\% |
| \$30,000 \& over |  |  |  |  |
| Average income | \$43,346 |  | \$43,014 |  |

Source: Census data from Family Income: Census Families (93-117 1986) Table 1B \& 2B, SCF data for original from Family Incomes: Census Families 1985 (Cat. 13-208) Tables 14 \& 19, revised from Family Incomes: Census Families 1994 Table 14.

Table 7: Economic Families: Comparison of the Income Distributions for
Census and SCF in 1990


Source: Census unpublished data. SCF from Income Distributions By Size in Canada 1990 (Cat. 13-207) Tables 1 \& 22 for original, and Income Distributions By Size in Canada 1994 Table 1 for revised.

Table 8: Economic Families: Comparison of the Income Distributions for Census and SCF in 1985

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as published | Census data adjusted to SCF coverage | SCF original | SCF revised |
| Under \$10,000 | 7.8\% |  | 5.8\% | 5.5\% |
| \$10,000-\$14,999 | 7.8\% |  | 8.7\% | 8.4\% |
| \$15,000-\$19,999 | 8.9\% |  | 9.5\% | 9.3\% |
| \$20,000-\$24,999 | 8.7\% |  | 8.9\% | 8.8\% |
| \$25,000-\$29,999 | 9.0\% |  | 9.3\% | 9.3\% |
| \$30,000-\$34,999 | 9.4\% |  | 9.6\% | 9.7\% |
| \$35,000-\$39,999 | 8.9\% |  | 9.1\% | 9.3\% |
| \$40,000-\$44,999 | 8.1\% |  | 7.9\% | 8.0\% |
| \$45,000-\$49,999 | 6.7\% |  | 6.8\% | 6.8\% |
| \$50,000-\$59,999 | 9.8\% |  | 10.0\% | 10.2\% |
| \$60,000 \& over | 15.0\% |  | 14.3\% | 14.6\% |
| Total | 100.0\% |  | 100.0\% | 100.0\% |
| Number of families | 6,813,835 |  | 6,848,000 | 7,049,000 |
| Average income | \$38,652 |  | \$38,059 | \$38,471 |
| Median | \$34,168 |  | \$34,076 | \$34,451 |
| Standard error | \$25 |  | \$258 | \$251 |
| Coefficient of variation | 0.0\% |  | 0.7\% | 0.7\% |
| \$60,000 \& over |  |  |  |  |
| Average income | \$86,564 |  | \$82,332 |  |

Source: Census from Family Income: Economic Families (Cat. 93-118 Census 1986) Tables 1A \& 3A. SCF data is from Income Distributions By Size in Canada 1985 (Cat. 13-207) Table 1 \& 27 for the original, and Income Distributions By Size in Canada 1994 Table 1 for the revised.

Table 9: Unattached Individuals: Comparison of the Income Distributions
for Census and SCF in 1990

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as published | Census data adjusted to SCF coverage | SCF original | SCF revised |
| Under \$5,000 |  | 9.4\% | 4.8\% | 4.8\% |
| \$5,000-\$9,999 |  | 14.9\% | 15.7\% | 15.6\% |
| \$10,000-\$14,999 |  | 20.8\% | 23.4\% | 22.9\% |
| \$15,000-\$19,999 |  | 11.1\% | 11.7\% | 11.7\% |
| \$20,000-\$24,999 |  | 10.0\% | 10.5\% | 10.5\% |
| \$25,000-\$29,999 |  | 8.3\% | 8.4\% | 8.6\% |
| \$30,000-\$39,999 |  | 12.0\% | 12.2\% | 12.5\% |
| \$40,000-\$49,999 |  | 6.5\% | 6.7\% | 6.8\% |
| \$50,000 \& over |  | 6.9\% | 6.5\% | 6.6\% |
| Total |  | 100.0\% | 100.0\% | 100.0\% |
| Number of persons |  | 3,241,397 | 3,294,000 | 3515000 |
| Average income |  | \$22,180 | \$22,615 | \$22,778 |
| Median income (1) |  | n.a. | \$17,458 | \$17,740 |
| Standard error |  | \$29 | \$287 | \$287 |
| Coefficient of variation |  | 0.1\% | 1.3\% | 1.3\% |
| Median (2) |  | \$17,190 | \$17,607 | \$17,863 |
| \$50,000 \& over |  |  |  |  |
| Average income |  | \$73,536 | \$70,729 |  |

Source: Census unpublished data. SCF from Income Distributions By Size in Canada 1990 (Cat. 13-207) Tables 23 \& 32 for original, and Income Distributions By Size in Canada 1994 Table 23 for revised.

Table 10: Unattached Individuals: Comparison of the Income Distributions for Census and SCF in 1985

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as published | Census data adjusted to SCF coverage | SCF original | SCF revised |
| Under \$5,000 | 14.0\% |  | 10.1\% | 10.0\% |
| \$5,000-\$8,999 | 23.0\% |  | 23.9\% |  |
| \$5,000-\$9,999 |  |  | 30.1\% | 29.2\% |
| \$9,000-\$11,999 | 12.6\% |  | 14.6\% |  |
| \$10,000-\$14,999 |  |  | 17.0\% | 16.8\% |
| \$12,000-\$14,999 | 8.0\% |  | 8.6\% |  |
| \$15,000-\$19,999 | 11.5\% |  | 12.1\% | 12.2\% |
| \$20,000-\$24,999 | 9.3\% |  | 10.2\% | 10.4\% |
| \$25,000-\$29,999 | 7.1\% |  | 7.0\% | 7.3\% |
| \$30,000 \& over | 14.6\% |  | 13.5\% | 14.1\% |
| Total | 100.0\% |  | 100.0\% | 100.0\% |
| Number of persons | 2,700,995 |  | 2,743,000 | 2,978,000 |
| Average income | \$16,587 |  | \$16,729 | \$17,013 |
| Median income | \$12,143 |  | \$12,485 | \$12,728 |
| Standard error | \$22 |  | \$204 | \$214 |
| Coefficient of variation | 0.2\% |  | 1.2\% | 1.3\% |
| \$30,000 or more |  |  |  |  |
| Average income | \$43,518 |  | \$43,121 |  |

Source: Census Family Income: Economic Families (Cat. 93-118 Census 1986) Tables 1B \& 3B. SCF Income Distributions By Size in Canada 1985 (Cat. 13-207) Tables 28 \& 38 for the original, and Income Distributions By Size in Canada 1994 for the revised.

### 5.3 Comparisons of Average Income By Province - Census \& SCF

Differences in average income by province for the two sources, are shown in Tables 11 to 18 .

For families, most provinces show SCF average incomes which are lower than those estimated by the Census. Generally, however, these differences are not statistically significant, so that it just the preponderance of lower estimates from the SCF for both 1985 and 1990 which appears as a significant feature.

For persons not in families, most provinces show SCF average incomes which are higher than those estimated by the Census. Again these differences are not statistically significant, but the preponderance of higher estimates from the SCF for both years, appears to be a significant feature.

Table 11: Census Families: Comparisons of Average Income By Province for Census and SCF in 1990

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as | Census data | SCF original | SCF revised |
| Average Income |  |  |  |  |
| Canada | \$51,342 | \$51,458 | \$50,468 | \$50,099 |
| Newfoundland | \$40,942 | \$40,882 | \$39,359 | \$38,518 |
| Prince Edward Island | \$43,295 | \$43,262 | \$39,661 | \$38,985 |
| Nova Scotia | \$44,001 | \$43,834 | \$43,581 | \$43,446 |
| New Brunswick | \$42,148 | \$42,146 | \$41,172 | \$40,849 |
| Quebec | \$46,593 | \$46,621 | \$46,688 | \$45,905 |
| Ontario | \$57,227 | \$57,283 | \$55,293 | \$55,377 |
| Manitoba | \$46,091 | \$46,636 | \$46,311 | \$45,236 |
| Saskatchewan | \$44,174 | \$44,703 | \$43,716 | \$42,683 |
| Alberta | \$52,346 | \$52,544 | \$50,827 | \$50,881 |
| British Columbia | \$52,403 | \$52,705 | \$53,023 | \$52,060 |
|  | [5] | [6] | [7] |  |
|  | ([2]-[3])/ | ([2]-[4])/ | SCF |  |
| Income Differences |  |  |  |  |
| Canada | 1.9\% | 2.7\% | 0.7\% |  |
| Newfoundland | 3.8\% | 6.0\% | 1.7\% |  |
| Prince Edward Island | 8.7\% | 10.4\% | 1.9\% |  |
| Nova Scotia | 0.6\% | 0.9\% | 2.1\% |  |
| New Brunswick | 2.3\% | 3.1\% | 1.7\% |  |
| Quebec | -0.1\% | 1.5\% | 1.6\% |  |
| Ontario | 3.5\% | 3.4\% | 1.3\% |  |
| Manitoba | 0.7\% | 3.0\% | 2.0\% |  |
| Saskatchewan | 2.2\% | 4.6\% | 1.9\% |  |
| Alberta | 3.3\% | 3.2\% | 1.5\% |  |
| British Columbia | -0.6\% | 1.2\% | 1.9\% |  |

Source: Census as published Selected Income Statistics (Cat. 93-331-1991) Table 6. Census adjusted to SCF coverage unpublished data. SCF original from Family Incomes: Census Families 1990 (Cat. 13-208) Table 2, the revised estimates from unpublished data.

[^0]Table 12: Census Families: Comparisons of Average Income By Province for Census and SCF in 1985

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as | Census data | SCF original | SCF revised |
| Average Income |  |  |  |  |
| Canada | \$37,888 |  | \$37,368 | \$37,771 |
| Newfoundland | \$28,880 |  | \$27,746 | \$28,333 |
| Prince Edward Island | \$30,451 |  | \$29,738 | \$30,281 |
| Nova Scotia | \$32,938 |  | \$33,376 | \$33,798 |
| New Brunswick | \$30,527 |  | \$30,710 | \$31,103 |
| Quebec | \$34,582 |  | \$34,582 | \$35,023 |
| Ontario | \$41,692 |  | \$40,949 | \$41,284 |
| Manitoba | \$35,486 |  | \$34,319 | \$34,590 |
| Saskatchewan | \$34,666 |  | \$34,558 | \$34,839 |
| Alberta | \$40,740 |  | \$40,384 | \$40,946 |
| British Columbia | \$37,655 |  | \$36,980 | \$37,400 |
|  | $\begin{gathered} {[5]} \\ ([1]-[3]) / \end{gathered}$ | $\begin{gathered} {[6]} \\ ([1]-[4]) / \end{gathered}$ | [7] <br> SCF coefficient |  |
| Income differences |  |  |  |  |
| Canada | 1.4\% | 0.3\% | 0.7\% |  |
| Newfoundland | 4.0\% | 1.9\% | 2.4\% |  |
| Prince Edward Island | 2.4\% | 0.6\% | 2.6\% |  |
| Nova Scotia | -1.3\% | -2.6\% | 2.9\% |  |
| New Brunswick | -0.6\% | -1.9\% | 1.6\% |  |
| Quebec | 0.0\% | -1.3\% | 1.4\% |  |
| Ontario | 1.8\% | 1.0\% | 1.3\% |  |
| Manitoba | 3.3\% | 2.6\% | 2.0\% |  |
| Saskatchewan | 0.3\% | -0.5\% | 1.4\% |  |
| Alberta | 0.9\% | -0.5\% | 1.6\% |  |
| British Columbia | 1.8\% | 0.7\% | 1.6\% |  |

Source: Census Family Income: Census Families (Cat. 93-117 1986) Table 1A, SCF Family Incomes: Census Families 1985 Table 2 for original, and revised estimates is based on an unpublished table.

Table 13: Persons Not In Census Families: Comparisons of Average Income
By Province for Census and SCF in 1990

| $[1]$ | $[2]$ | $[3]$ | $[4]$ |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Census as | Census data | SCF original | SCF revised |
|  |  |  |  |  |
| Average Income |  |  |  |  |
| Canada |  | $\$ 21,024$ | $\$ 21,530$ | $\$ 21,895$ |
|  |  |  |  |  |
| Newfoundland |  | $\$ 15,416$ | $\$ 16,758$ | $\$ 17,562$ |
| Prince Edward Island |  | $\$ 17,061$ | $\$ 17,265$ | $\$ 17,112$ |
| Nova Scotia |  | $\$ 17,991$ | $\$ 18,859$ | $\$ 18,832$ |
| New Brunswick |  | $\$ 16,829$ | $\$ 16,685$ | $\$ 17,049$ |
| Quebec |  | $\$ 19,015$ | $\$ 19,331$ | $\$ 19,750$ |
| Ontario |  | $\$ 23,230$ | $\$ 23,524$ | $\$ 23,870$ |
| Manitoba |  | $\$ 19,047$ | $\$ 19,578$ | $\$ 19,679$ |
| Saskatchewan |  | $\$ 21,592$ | $\$ 19,443$ | $\$ 19,428$ |
| Alberta |  | $\$ 21,610$ | $\$ 22,688$ | $\$ 23,291$ |
| British Columbia |  |  | $\$ 22,959$ | $\$ 23,201$ |
|  |  |  |  |  |

Source: Census from unpublished table. SCF from Family Incomes: Census Families 1990 (Cat. 13-208) Tables 15 for original, and for revised an unpublished version of Table 15.

Table 14: Persons Not In Census Families: Comparisons of Average Income By Province for Census and SCF in 1985


Source: Census data from Family Income: Census Families (93-117 1986) Table 1B, SCF data for original from Family Incomes: Census Families 1985 (Cat. 13-208) Tables 15, revised from an unpublished version of Table 15.

Table 15: Economic Families: Comparisons of Average Income By Province for Census and SCF in 1990

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as | Census data | SCF original | SCF revised |
| Average income |  |  |  |  |
| Canada |  | \$52,614 | \$51,633 | \$51,122 |
| Newfoundland |  | \$42,342 | \$40,770 | \$40,262 |
| Prince Edward Island |  | \$43,852 | \$39,701 | \$40,125 |
| Nova Scotia |  | \$44,757 | \$44,385 | \$44,410 |
| New Brunswick |  | \$42,963 | \$42,356 | \$41,800 |
| Quebec |  | \$47,218 | \$47,158 | \$46,395 |
| Ontario |  | \$58,991 | \$57,027 | \$56,708 |
| Manitoba |  | \$47,240 | \$47,178 | \$46,119 |
| Saskatchewan |  | \$45,065 | \$44,234 | \$43,200 |
| Alberta |  | \$53,467 | \$51,985 | \$51,747 |
| British Columbia |  | \$54,303 | \$54,448 | \$53,505 |
|  | [5] | [6] | [7] |  |
|  | ([2]-[3])/ | ([2]-[4])/ | SCF |  |
| Income differences |  |  |  |  |
| Canada | 1.9\% | 2.9\% | 0.7\% |  |
| Newfoundland | 3.8\% | 5.0\% | 1.6\% |  |
| Prince Edward Island | 9.9\% | 8.9\% | 1.9\% |  |
| Nova Scotia | 0.8\% | 0.8\% | 2.0\% |  |
| New Brunswick | 1.4\% | 2.7\% | 1.7\% |  |
| Quebec | 0.1\% | 1.8\% | 1.5\% |  |
| Ontario | 3.4\% | 3.9\% | 1.2\% |  |
| Manitoba | 0.1\% | 2.4\% | 1.9\% |  |
| Saskatchewan | 1.9\% | 4.2\% | 1.9\% |  |
| Alberta | 2.8\% | 3.3\% | 1.5\% |  |
| British Columbia | -0.3\% | 1.5\% | 1.9\% |  |

Source: Census unpublished data. SCF from Income Distributions By Size in Canada 1990 (Cat. 13-207) Tables 2 for original, and published version for revised.

[^1]Table 16: Economic Families: Comparisons of Average Income By Province for Census and SCF in 1985

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as | Census data | SCF original | SCF revised |
| Average income |  |  |  |  |
| Canada | \$38,652 | \$38,733 | \$38,059 | \$38,471 |
| Newfoundland | \$30,315 | \$30,315 | \$29,629 | \$30,129 |
| Prince Edward Island | \$31,249 | \$31,279 | \$30,943 | \$31,462 |
| Nova Scotia | \$33,811 | \$33,890 | \$34,349 | \$34,716 |
| New Brunswick | \$31,389 | \$31,449 | \$31,473 | \$31,818 |
| Quebec | \$35,146 | \$35,168 | \$35,068 | \$35,501 |
| Ontario | \$42,787 | \$42,841 | \$41,775 | \$42,099 |
| Manitoba | \$36,048 | \$36,367 | \$34,829 | \$35,202 |
| Saskatchewan | \$35,051 | \$35,361 | \$34,866 | \$35,170 |
| Alberta | \$41,392 | \$41,500 | \$40,736 | \$41,305 |
| British Columbia | \$38,555 | \$38,740 | \$37,968 | \$38,363 |
|  | [5] | [6] | [7] |  |
|  | ([2]-[3])/ | ([2]-[4])/ | SCF |  |
| Income differences |  |  |  |  |
| Canada | 1.8\% | 0.7\% | 0.7\% |  |
| Newfoundland | 2.3\% | 0.6\% | 2.4\% |  |
| Prince Edward Island | 1.1\% | -0.6\% | 2.3\% |  |
| Nova Scotia | -1.3\% | -2.4\% | 2.8\% |  |
| New Brunswick | -0.0\% | -1.2\% | 1.5\% |  |
| Quebec | 0.3\% | -0.9\% | 1.4\% |  |
| Ontario | 2.5\% | 1.7\% | 1.3\% |  |
| Manitoba | 4.3\% | 3.3\% | 2.0\% |  |
| Saskatchewan | 1.4\% | 0.5\% | 1.4\% |  |
| Alberta | 1.9\% | 0.5\% | 1.6\% |  |
| British Columbia | 2.0\% | 1.0\% | 1.6\% |  |

Source: Census from Family Income: Economic Families (Cat. 93-118 Census 1986) Tables 1A \& 7A.(Table 7A shows average incomes separately for low income and other families, for SCF coverage areas, and column [2] is a weighted average these.) SCF data is from Income Distributions By Size in Canada 1985 (Cat. 13-207) Table 2 for the original, and an unpublished version of Table 2 for the revised.

Table 17: Unattached Individuals: Comparisons of Average Income By Province for Census and SCF in 1990

| $[1]$ | $[2]$ | $[3]$ | $[4]$ |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Census as | Census data | SCF original | SCF revised |
|  |  |  |  |  |
| Average Income |  |  |  |  |
| Canada |  | $\$ 22,180$ | $\$ 22,615$ | $\$ 22,778$ |
| Newfoundland |  | $\$ 17,361$ | $\$ 19,194$ | $\$ 19,928$ |
| Prince Edward Island |  | $\$ 18,120$ | $\$ 17,669$ | $\$ 17,830$ |
| Nova Scotia |  | $\$ 19,120$ | $\$ 20,047$ | $\$ 19,937$ |
| New Brunswick |  | $\$ 18,001$ | $\$ 18,417$ | $\$ 18,640$ |
| Quebec |  | $\$ 19,946$ | $\$ 20,305$ | $\$ 20,464$ |
| Ontario |  | $\$ 24,733$ | $\$ 24,822$ | $\$ 24,885$ |
| Manitoba |  | $\$ 19,885$ | $\$ 20,246$ | $\$ 20,320$ |
| Saskatchewan |  | $\$ 22,626$ | $\$ 19,839$ | $\$ 19,802$ |
| Alberta |  | $\$ 22,569$ | $\$ 23,772$ | $\$ 24,123$ |
| British Columbia |  |  | $\$ 23,916$ | $\$ 24,150$ |
|  |  |  |  |  |

Source: Census unpublished data. SCF from Income Distributions By Size in Canada 1990 (Cat. 13-207) Table 24 for original, and unpublished version of Table 24 for the revised.

[^2]Table 18: Unattached Individuals: Comparisons of Average Income By Province for Census and SCF in 1985.

|  | [1] | [2] | [3] | [4] |
| :---: | :---: | :---: | :---: | :---: |
|  | Census as | Census data | SCF original | SCF revised |
| Average Income |  |  |  |  |
| Canada | \$16,587 | \$16,602 | \$16,729 | \$17,013 |
| Newfoundland | \$13,694 | \$13,694 | \$12,698 | \$13,012 |
| Prince Edward Island | \$13,319 | \$13,331 | \$11,690 | \$11,637 |
| Nova Scotia | \$14,683 | \$14,714 | \$14,465 | \$14,932 |
| New Brunswick | \$13,294 | \$13,320 | \$14,140 | \$14,276 |
| Quebec | \$14,800 | \$14,807 | \$14,647 | \$14,889 |
| Ontario | \$18,220 | \$18,240 | \$18,236 | \$18,561 |
| Manitoba | \$15,177 | \$15,230 | \$16,051 | \$16,266 |
| Saskatchewan | \$15,491 | \$15,574 | \$15,427 | \$15,387 |
| Alberta | \$18,019 | \$18,047 | \$18,581 | \$18,596 |
| British Columbia | \$16,602 | \$16,645 | \$17,298 | \$17,503 |
|  | [5] | [6] | [7] |  |
|  | ([2]-[3])/ | ([2]-[4])/ | SCF |  |
| Income differences |  |  |  |  |
| Canada | -0.8\% | -2.4\% | 1.2\% |  |
| Newfoundland | 7.5\% | 5.1\% | 5.6\% |  |
| Prince Edward Island | 13.1\% | 13.6\% | 4.7\% |  |
| Nova Scotia | 1.7\% | -1.5\% | 3.6\% |  |
| New Brunswick | -6.0\% | -6.9\% | 3.9\% |  |
| Quebec | 1.1\% | -0.6\% | 2.9\% |  |
| Ontario | 0.0\% | -1.7\% | 2.2\% |  |
| Manitoba | -5.2\% | -6.6\% | 3.0\% |  |
| Saskatchewan | 0.9\% | 1.2\% | 2.7\% |  |
| Alberta | -2.9\% | -3.0\% | 2.4\% |  |
| British Columbia | -3.8\% | -5.0\% | 3.9\% |  |

Source: Census Family Income: Economic Families (Cat. 93-118 Census 1986) Tables 1B \& 7B. (Table 7B shows average incomes separately for low income and other families, for SCF coverage areas, and column [2] is a weighted average these.). SCF Income Distributions By Size in Canada 1985 (Cat. 13-207) Table 29 for the original, and an unpublished table for the revised.

[^3]
## 6. DIFFERENCES IN INCOME ESTIMATES FOR FAMILIES AND PERSONS NOT IN FAMILIES: REVENUE CANADA TAX FILER (SAAD) AND THE SURVEY OF CONSUMER FINANCES

In this section a comparison is made for 1990 and 1993 between the family and persons not in families income estimates from the SCF, and the T1 Family File produced by SAAD from the Revenue Canada tax filer data source. These comparisons are made only on the Census family basis. The estimates provided by SAAD for this paper were medians, and a comparison of these with the SCF are shown in Tables 19, 20, 22 and 23. However, since the SAAD also included some aggregate income estimates for 1990, these were used to estimate the average income used in the comparisons for 1990 shown in Tables 21 and 24.

For both Census families and persons not in Census families, the median incomes estimated from the T1 Family File are much lower than those estimated from the SCF for Canada and most of the provinces. This is true for both 1990 and 1993 and the differences appear to be significant, at least at the Canada level. Interestingly, however, the average incomes estimated for Census families in 1990 from the T1 Family File are very close to those obtained from the SCF. It would appear that the T1 Family File has missing income recipients, which results in lower family income at least up to the median, and which thus tends to drag it down, but has a better reporting and/or better representation of higher income families than the SCF, which tends to pull up its overall average income.

Tables 19 to 23 also show that for lone parent families, the T1 Family File estimates of median and average income are much lower than those obtained from the SCF, of the order of $7 \%$ to $8 \%$ for both median and average income at the

Canada level for 1990, and even larger for 1993. Also whereas the estimated number of husband-wife families from T1 Family File is lower than in the SCF (and Census), for lone parent families the T1 Family File shows a much higher number. Making precise statements on these differences is complicated by defects in the number estimated from the Census and SCF. The Census data excludes the undercount, the SCF (original) numbers are not adjusted to the 1991Census base, and the SCF (revised) is subject to the vagaries of the LFS weighting system, at least for 1993. A more detailed presentation of the differences in the number of families, and their median, and average incomes obtained from the T1 Family File, the Census, and SCF is shown in Appendix B: Table (I) for 1990, and Table (ii) for 1993. For both years the number of families estimated by the Demography Division has also been presented. Their estimates for 1990 (as at July 1, 1991) give the Census estimates adjusted for the undercoverage. A possible explanation for differences in the number of families from the T1 Family File versus the rest, may lie in how common law couples report themselves.

Table 19: Comparison of Median Incomes for Census Families from T1
Family File (SAAD) \& the Survey of Consumer Finances (SCF) in 1993.

|  | [1] | [2] | [3] |
| :---: | :---: | :---: | :---: |
|  | T1 Family File | SCF Original | SCF Revised |
| Number of families | 7,832,990 | 7,513,000 | 7,959,000 |
| Median income |  |  |  |
| Canada | \$43,000 | \$45,783 | \$45,583 |
| Husband-wife families | \$47,400 | \$49,694 | \$49,761 |
| Lone parent families | \$20,200 | \$24,201 | \$24,207 |
| Newfoundland | \$34,000 | \$36,031 | \$34,769 |
| Prince Edward Island | \$37,900 | \$38,417 | \$38,315 |
| Nova Scotia | \$38,800 | \$39,967 | \$39,493 |
| New Brunswick | \$37,400 | \$41,152 | \$40,880 |
| Quebec | \$40,000 | \$42,214 | \$41,498 |
| Ontario | \$46,800 | \$49,883 | \$50,238 |
| Manitoba | \$39,900 | \$44,096 | \$42,663 |
| Saskatchewan | \$38,200 | \$42,247 | \$41,252 |
| Alberta | \$45,400 | \$47,577 | \$48,098 |
| British Columbia | \$44,400 | \$47,663 | \$47,494 |
|  | [4] | [5] |  |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2])) \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3])) \end{gathered}$ |  |
| Differences in medians |  |  |  |
| Canada | -6.3\% | -5.8\% |  |
| Husband-wife families | -4.7\% | -4.9\% |  |
| Lone parent families | -18.0\% | -18.0\% |  |
| Newfoundland | -5.8\% | -2.2\% |  |
| Prince Edward Island | -1.4\% | -1.1\% |  |
| Nova Scotia | -3.0\% | -1.8\% |  |
| New Brunswick | -9.6\% | -8.9\% |  |
| Quebec | -5.4\% | -3.7\% |  |
| Ontario | -6.4\% | -7.1\% |  |
| Manitoba | -10.0\% | -6.7\% |  |
| Saskatchewan | -10.1\% | -7.7\% |  |
| Alberta | -4.7\% | -5.8\% |  |
| British Columbia | -7.1\% | -6.7\% |  |

[^4]Table 20: Comparison of Median Incomes for Census Families from T1
Family File (SAAD) \& the Survey of Consumer Finances (SCF) in 1990.

|  | [1] | [2] | [3] |
| :---: | :---: | :---: | :---: |
|  | T1 Family File | SCF Original | SCF Revised |
| Number of families | 7,286,990 | 7,117,000 | 7,529,000 |
| Median income |  |  |  |
| Canada | \$42,700 | \$45,129 | \$44,783 |
| Husband-wife families | \$46,600 | \$48,113 | \$47,973 |
| Lone parent families | \$20,700 | \$22,477 | \$22,500 |
| Newfoundland | \$32,300 | \$33,955 | \$33,340 |
| Prince Edward Island | \$34,700 | \$34,844 | \$34,150 |
| Nova Scotia | \$37,300 | \$39,133 | \$39,049 |
| New Brunswick | \$35,300 | \$37,153 | \$36,779 |
| Quebec | \$39,000 | \$41,934 | \$41,257 |
| Ontario | \$47,700 | \$49,570 | \$49,628 |
| Manitoba | \$38,800 | \$42,260 | \$41,312 |
| Saskatchewan | \$36,500 | \$37,853 | \$37,027 |
| Alberta | \$44,500 | \$46,467 | \$46,518 |
| British Columbia | \$44,400 | \$47,858 | \$47,199 |
|  | [4] | [5] |  |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2])) \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3])) \end{gathered}$ |  |
| Differences in Medians |  |  |  |
| Canada | -5.5\% | -4.8\% |  |
| Husband-wife families | -3.2\% | -2.9\% |  |
| Lone parent families | -8.2\% | -8.3\% |  |
| Newfoundland | -5.0\% | -3.2\% |  |
| Prince Edward Island | -0.4\% | 1.6\% |  |
| Nova Scotia | -4.8\% | -4.6\% |  |
| New Brunswick | -5.1\% | -4.1\% |  |
| Quebec | -7.3\% | -5.6\% |  |
| Ontario | -3.8\% | -4.0\% |  |
| Manitoba | -8.5\% | -6.3\% |  |
| Saskatchewan | -3.6\% | -1.4\% |  |
| Alberta | -4.3\% | -4.4\% |  |
| British Columbia | -7.5\% | -6.1\% |  |

[^5]Table 21: Comparison of Average Incomes for Census Families from T1
Family File (SAAD) \& the Survey of Consumer Finances (SCF) in 1990.

|  | [1] | [2] | [3] |
| :---: | :---: | :---: | :---: |
|  | T1 Family File | SCF Original | SCF Revised |
| Average income |  |  |  |
| Canada | \$50,207 | \$50,468 | \$50,099 |
| Husband-wife families | \$54,166 | \$53,525 | \$53,323 |
| Lone parent families | \$26,978 | \$29,115 | \$28,977 |
| Newfoundland | \$38,342 | \$39,359 | \$38,518 |
| Prince Edward Island | \$40,202 | \$39,661 | \$38,985 |
| Nova Scotia | \$42,916 | \$43,581 | \$43,446 |
| New Brunswick | \$40,585 | \$41,172 | \$40,849 |
| Quebec | \$44,960 | \$46,688 | \$45,905 |
| Ontario | \$56,472 | \$55,293 | \$55,377 |
| Manitoba | \$44,584 | \$46,311 | \$45,236 |
| Saskatchewan | \$42,253 | \$43,716 | \$42,683 |
| Alberta | \$51,770 | \$50,827 | \$50,881 |
| British Columbia | \$51,701 | \$53,023 | \$52,060 |
|  | [4] | [5] |  |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2])) \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3])) \end{gathered}$ |  |
| Difference in average |  |  |  |
| Canada | -0.5\% | 0.2\% |  |
| Husband-wife families | 1.2\% | 1.6\% |  |
| Lone parent families | -7.6\% | -7.1\% |  |
| Newfoundland | -2.6\% | -0.5\% |  |
| Prince Edward Island | 1.4\% | 3.1\% |  |
| Nova Scotia | -1.5\% | -1.2\% |  |
| New Brunswick | -1.4\% | -0.6\% |  |
| Quebec | -3.8\% | -2.1\% |  |
| Ontario | 2.1\% | 2.0\% |  |
| Manitoba | -3.8\% | -1.5\% |  |
| Saskatchewan | -3.4\% | -1.0\% |  |
| Alberta | 1.8\% | 1.7\% |  |
| British Columbia | -2.5\% | -0.7\% |  |

[^6]Table 22: Comparison of Median Incomes for Persons Not In Census
Families from T1 Family File (SAAD) \& the Survey of Consumer Finances (SCF) in 1993.

|  | [1] | [2] | [3] |
| :---: | :---: | :---: | :---: |
|  | T1 Family File | SCF Original | SCF Revised |
| Number of persons | 4,379,520 | 4,271,000 | 4,441,000 |
| Canada | \$15,400 | 16,414 | 16,841 |
| Newfoundland | \$11,700 | 12,302 | 12,404 |
| Prince Edward Island | \$13,200 | 13,193 | 13,093 |
| Nova Scotia | \$13,700 | 15,221 | 15,527 |
| New Brunswick | \$12,800 | 13,622 | 13,822 |
| Quebec | \$13,800 | 14,349 | 14,616 |
| Ontario | \$17,000 | 18,773 | 19,628 |
| Manitoba | \$14,300 | 16,222 | 16,329 |
| Saskatchewan | \$14,000 | 14,834 | 15,006 |
| Alberta | \$16,800 | 16,875 | 17,233 |
| British Columbia | \$17,000 | 17,895 | 17,934 |
|  | [4] | [5] |  |
|  | $\begin{gathered} ([1]-[2]) / \\ \left(0.5^{*}([1]+[2])\right) \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3])) \end{gathered}$ |  |
| Differences in medians |  |  |  |
| Canada | -6.4\% | -8.9\% |  |
| Newfoundland | -5.0\% | -5.8\% |  |
| Prince Edward Island | 0.0\% | 0.8\% |  |
| Nova Scotia | -10.5\% | -12.5\% |  |
| New Brunswick | -6.2\% | -7.7\% |  |
| Quebec | -3.9\% | -5.7\% |  |
| Ontario | -9.9\% | -14.3\% |  |
| Manitoba | -12.6\% | -13.2\% |  |
| Saskatchewan | -5.8\% | -6.9\% |  |
| Alberta | -0.4\% | -2.5\% |  |
| British Columbia | -5.1\% | -5.3\% |  |

[^7]Table 23: Comparison of Median Incomes for Persons Not In Census
Families from T1 Family File (SAAD) \& the Survey of Consumer Finances (SCF) in 1990

|  | [1] | [2] | [3] |
| :---: | :---: | :---: | :---: |
|  | T1 Family File | SCF Original | SCF Revised |
| Number of persons | 4,205,940 | 4,047,000 | 4,122,000 |
| Median income |  |  |  |
| Canada | \$15,700 | 16,413 | 16,845 |
| Newfoundland | \$10,600 | 12,025 | 12,303 |
| Prince Edward Island | \$12,200 | 13,323 | 13,196 |
| Nova Scotia | \$13,100 | 15,040 | 15,107 |
| New Brunswick | \$11,900 | 12,450 | 12,725 |
| Quebec | \$13,900 | 13,716 | 14,025 |
| Ontario | \$18,000 | 18,487 | 19,112 |
| Manitoba | \$13,900 | 15,109 | 15,299 |
| Saskatchewan | \$14,000 | 15,024 | 14,982 |
| Alberta | \$16,800 | 18,200 | 18,800 |
| British Columbia | \$16,800 | 18,326 | 18,627 |
|  | [4] | [5] |  |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2])) \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3])) \end{gathered}$ |  |
| Differences in Medians |  |  |  |
| Canada | -4.4\% | -7.0\% |  |
| Newfoundland | -12.6\% | -14.9\% |  |
| Prince Edward Island | -8.8\% | -7.8\% |  |
| Nova Scotia | -13.8\% | -14.2\% |  |
| New Brunswick | -4.5\% | -6.7\% |  |
| Quebec | 1.3\% | -0.9\% |  |
| Ontario | -2.7\% | -6.0\% |  |
| Manitoba | -8.3\% | -9.6\% |  |
| Saskatchewan | -7.1\% | -6.8\% |  |
| Alberta | -8.0\% | -11.2\% |  |
| British Columbia | -8.7\% | -10.3\% |  |

[^8]Table 24: Comparison of Average Incomes for Persons Not In Census
Families from T1 Family File (SAAD) \& the Survey of Consumer Finances (SCF) in 1990


## 7. INCIDENCE OF LOW INCOME

Statistics on the incidence of low income based on the Low Income Cut-offs (LICOs) are produced for the Census and for the Survey of Consumer Finances. For both of these income sources the statistics refer to economic families and unattached individuals. The LICOs indicate a threshold income which varies by the size of the economic family unit and the size of the community in which they live. The LICOs are based on the Survey of Family Expenditures, and are designed to reflect levels of income specific to family size and location, below which income inadequacy is deemed to be present. These LICO are periodically rebased. Currently SCF gives low income statistics using both the 1986 and 1992 bases. The low income statistics produced from the 1991 Census (1990 income year) used the 1986 base.

### 7.1 Differences in the Incidence of Low Income: Census \& SCF

For both 1990 and 1985, the Census shows a slightly higher incidence of low income for both economic families and unattached individuals. These differences are only barely significant, but as was noted earlier, the Census has a slightly higher proportion of economic families and unattached individuals in the lower income groups. Another factor here is the Census use of the Census urban population size groups in determining the size of community category, whereas the SCF uses the size of the area of residence. The latter is, for the larger areas, essentially a classification by size of the CMA or CA. For the former, urban areas are determined based on population density, and then urban areas which are not separated by more than two kilometres are combined to form a single urban area. Usually these urban areas would roughly correspond to CMAs or CAs, except that rural areas within CMAs or CAs at least would be excluded. The percentage
population distribution in these two types of urban groups in 1986, as indicated by the Census \& SCF was:

|  | Census | SCF |
| :--- | ---: | ---: |
| Economic families |  |  |
| All areas | $100.0 \%$ | $100.0 \%$ |
| Urban areas 100,000 or more | $53.0 \%$ | $56.6 \%$ |
| Urban areas 30,000 - 99,999 | $8.9 \%$ | $10.5 \%$ |
| Urban areas under 30,000 | $15.1 \%$ | $14.0 \%$ |
| Rural areas | $23.1 \%$ | $18.9 \%$ |
| Unattached individuals |  |  |
| All areas | $100.0 \%$ |  |
| Urban areas 100,000 or more | $64.5 \%$ | $100.0 \%$ |
| Urban areas 30,000 - 99,999 | $9.0 \%$ | $67.2 \%$ |
| Urban areas under 30,000 | $13.7 \%$ | $10.5 \%$ |
| Rural areas | $12.8 \%$ | $12.8 \%$ |

Table 25: Comparison of the Incidence of Low Income Estimated By the
Census and the Survey of Consumer Finances for 1985 and 1990

|  | Census | SCF original | SCF Revised |
| :---: | :---: | :---: | :---: |
| 1990 (1986 Base) |  |  |  |
| Economic families | 13.2\% | 12.1\% | 12.4\% |
| (Standard error) |  | 0.3\% | 0.3\% |
| Unattached individuals | 36.5\% | 34.1\% | 33.8\% |
| (Standard error) |  | 0.7\% | 0.7\% |
| Male | 31.8\% | 28.1\% | 27.6\% |
| Female | 40.6\% | 39.3\% | 39.7\% |
| 1985 (1978 Base) |  |  |  |
| All economic families | 14.3\% | 13.3\% | n.a. |
| Unattached individuals | 38.0\% | 36.8\% | n.a. |
| Male | 33.2\% | 30.5\% | n.a. |
| Female | 42.0\% | 41.9\% | n.a. |

[^9]
### 7.2 Differences in the Incidence of Low Income: SCF \& T1 Family File Income Data

On an experimental basis Small Area \& Administrative Data Division have produced low income incidences using their T1 Family File. Now this family income data approximates that of the Census family and persons not in Census families, rather than the economic family and unattached individuals basis used to produce the Census and SCF low income incidences. Simply applying the LICOs estimated for economic families and unattached individuals to Census families and persons not in Census families, is not strictly valid, since the LICOs are supposed to reflect on economies of scale within economic family (or more strictly the household). However, ignoring how such data might be interpreted, the incidences can be examined simply as characteristics of the income distributions in a multidimensional sense. However, to provide a more valid comparison between the SCF and the T1 Family File, it would be best to obtain estimates of low income incidences for the same or similar type of families/persons not in families, and thus on the Census family basis. Such a comparison for 1993 is shown in Table 26, along with SCF estimates made on the economic family basis.

In particular Table 26 shows that low income incidences which are observed for the SCF (on Census family basis) are higher than those observed for the SCF (on an economic family basis) but not nearly as high as those estimated from the T1 Family File income data (approximately based on a Census family basis). This provides further evidence, that the income distributions associated with the T1 Family File are, at least in some respects, significantly different from those obtained from the SCF (and also the Census).

Table 26: Comparison of the Incidence of Low Income Estimated By the Survey of Consumer Finances and the T1 Family File for 1993 (1992 Base)

|  | SCF - Economic family basis original | SCF - Economic family basis revised | SCF - Census family basis revised | T1 Family File Census family basis |
| :---: | :---: | :---: | :---: | :---: |
| Families |  |  |  |  |
| All families | 14.5\% | 14.6\% | 15.8\% | 19.9\% |
| Elderly families | 9.4\% | 9.7\% | 11.0\% | 10.0\% |
| Married couples only | 8.3\% | 8.8\% | 10.2\% | 9.6\% |
| Other elderly families | 11.6\% | 11.8\% | 13.3\% | 11.1\% |
| Non-elderly families | 15.4\% | 15.5\% | 16.7\% | 21.7\% |
| Married couples only | 9.6\% | 9.6\% | 10.6\% | 14.9\% |
| One earner | 12.7\% | 13.1\% | 14.6\% | 20.1\% |
| Two earners | 3.9\% | 3.9\% | 4.3\% | 5.2\% |
| Two parent families with | 12.5\% | 12.2\% | 13.1\% | 17.3\% |
| One earner | 24.9\% | 24.4\% | 25.7\% | 28.7\% |
| Two earners | 7.4\% | 7.1\% | 7.8\% | 7.8\% |
| Three or more earners | 3.6\% | 3.5\% | 3.5\% | 3.3\% |
| Two parent families with |  |  | 3.6\% | 5.6\% |
| Married couples with other | 3.5\% | 3.6\% | n.a. | n.a. |
| Lone-parent families | 55.9\% | 55.0\% | 55.6\% | 62.2\% |
| Male lone-parent families | 31.3\% | 30.9\% | 32.9\% | 41.8\% |
| Female lone-parent families | 59.6\% | 59.0\% | 59.4\% | 64.5\% |
| All other families | 19.7\% | 19.9\% |  | n.a. |
| Persons not in families |  |  |  |  |
| All persons not in families | 40.8\% | 40.5\% | 42.9\% | 47.0\% |
| Elderly | 51.1\% | 51.9\% | 53.4\% | 50.7\% |
| Male | 38.3\% | 39.0\% | 41.4\% | 41.7\% |
| Female | 55.8\% | 56.4\% | 57.4\% | 53.5\% |
| Non-elderly | 36.6\% | 36.2\% | 38.8\% | 45.5\% |
| Male | 33.7\% | 33.5\% | 35.6\% | 43.6\% |
| Female | 40.4\% | 40.1\% | 43.4\% | 47.8\% |

[^10]Among non-elderly persons not in Census families, those who are not unattached individuals have an average income of about two thirds that of unattached individuals. These persons thus appear to have a much higher incidence of low income, as can be seen in Table 27, which may account for why they are living with relatives, but are they strictly living in a low income situation.

Table 27: Differences in the Number of Persons Not In Census Families and Unattached Individuals As Estimated By Survey of Consumer Finances 1993

|  | Total persons | Low income <br> persons | Other <br> persons | Incidence of <br> low income |
| :--- | :---: | :---: | :---: | :---: |
| Persons not in census families | $4,440,702$ | $1,905,697$ | $2,535,005$ | $42.9 \%$ |
| Unattached individuals | $3,812,000$ | $1,544,096$ | $2,267,727$ | $40.5 \%$ |
| Persons not unattached individuals | 628,702 | 361,601 | 267,278 | $57.5 \%$ |
| Persons not unattached individuals (\%) | $14.2 \%$ | $19.0 \%$ | $10.5 \%$ |  |
|  |  |  |  |  |
| Non-elderly |  |  |  |  |
| Persons not in census families | $3,186,554$ | $1,236,005$ | $1,950,549$ | $38.8 \%$ |
| Unattached individuals | $2,763,206$ | 999,416 | $1,763,790$ | $36.2 \%$ |
| Persons not unattached individuals | 423,348 | 236,589 | 186,759 | $55.9 \%$ |
| Persons not unattached individuals (\%) | $13.3 \%$ | $19.1 \%$ | $9.6 \%$ |  |
|  |  |  |  |  |
| Elderly |  |  |  |  |
| Persons not in census families | $1,254,148$ | 669,692 | 584,456 | $53.4 \%$ |
| Unattached individuals | $1,048,794$ | 544,680 | 503,937 | $51.9 \%$ |
| Persons not unattached individuals | 205,354 | 125,012 | 80,519 | $60.9 \%$ |
| Persons not unattached individuals (\%) | $16.4 \%$ | $18.7 \%$ | $13.8 \%$ |  |

Source: Special table from SCF using revised weights.

Appendix A: Changes in the Percentage Distributions of Households, Families, and Persons Not In Families Based on the Census 1976-1991

|  | 1976 | 1981 | 1986 | 1991 |
| :---: | :---: | :---: | :---: | :---: |
| All households | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| One person | 16.8\% | 20.3\% | 21.5\% | 22.9\% |
| Two persons | 27.8\% | 29.0\% | 30.0\% | 31.4\% |
| Three persons | 17.5\% | 17.5\% | 17.8\% | 17.4\% |
| Four persons | 18.2\% | 18.6\% | 18.7\% | 17.7\% |
| Five or more persons | 19.6\% | 14.6\% | 12.0\% | 10.6\% |
| Five persons | 10.5\% | 9.1\% | 8.1\% | 7.3\% |
| Six or more persons | 9.2\% | 5.5\% | 3.9\% | 3.3\% |
| Persons in households | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| Persons in Census families | 88.3\% | 86.6\% | 85.6\% | 84.4\% |
| Persons not in Census | 11.7\% | 13.4\% | 14.4\% | 15.6\% |
| Total number of Census | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| Two person | 35.1\% | 37.9\% | 39.9\% | 42.7\% |
| Three person | 21.3\% | 22.1\% | 22.8\% | 22.7\% |
| Four person | 22.5\% | 24.0\% | 24.4\% | 23.4\% |
| Five or more person | 21.1\% | 15.9\% | 12.8\% | 11.2\% |
| Five person | 12.0\% | 10.7\% | 9.5\% | 8.5\% |
| Six or more persons | 9.1\% | 5.2\% | 3.3\% | 2.6\% |
| Total Census families | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| Husband-wife families | 90.2\% | 88.7\% | 87.3\% | 87.0\% |
| Families of now married |  | 83.1\% | 80.1\% | 77.2\% |
| Families of common-law |  | 5.6\% | 7.2\% | 9.9\% |
| Lone-parent families | 9.8\% | 11.3\% | 12.7\% | 13.0\% |
| Male parent | 1.7\% | 2.0\% | 2.3\% | 2.3\% |
| Female parent | 8.1\% | 9.3\% | 10.4\% | 10.7\% |
| Total husband-wife families | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| No children at home | 33.4\% | 35.9\% | 37.4\% | 40.3\% |
| With children at home | 66.6\% | 64.1\% | 62.6\% | 59.7\% |
| One child | 20.7\% | 21.2\% | 21.8\% | 21.6\% |
| Two children | 23.6\% | 25.7\% | 26.6\% | 25.6\% |
| Three or more children | 22.3\% | 17.2\% | 14.2\% | 12.4\% |
| Persons in households | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| Persons in Economic | 91.4\% | 89.8\% | 88.9\% | 87.5\% |
| Unattached individuals | 8.6\% | 10.2\% | 11.1\% | 12.5\% |
| Total number of Economic | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| Two person | 33.1\% | 36.2\% | 38.0\% | 40.6\% |
| Three person | 21.2\% | 22.0\% | 22.7\% | 22.7\% |
| Four person | 22.3\% | 23.8\% | 24.3\% | 23.4\% |
| Five or more person | 23.3\% | 18.1\% | 15.0\% | 13.4\% |

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Appendix B: Comparison of Number of Families, Median \& Average Income
Estimated By T1 Family File, Census, \& Survey of Consumer Finances
Table (i) Comparison of Number of Families, Median \& Average Income Estimated
By T1 Family File, Census, \& Survey of Consumer Finances 1990

|  | [1] | [2] | [3] | [4] | [5] |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | T1 Family file | Census | SCF <br> Original | $\begin{gathered} \text { SCF } \\ \text { Revised } \end{gathered}$ | $\begin{gathered} \text { Demograph } \\ \text { 91-07-01 } \end{gathered}$ |
| Number of families |  |  |  |  |  |
| All families | 7,286,990 | 7,355,730 | 7,117,000 | 7,529,000 | 7,497,400 |
| Husband-wife | 6,225,780 | 6,402,090 | 6,226,000 | 6,532,000 | 6,524,900 |
| Lone parent families | 1,061,210 | 953,635 | 891,000 | 997,000 | 972,500 |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2] \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3] \end{gathered}$ | $\begin{gathered} ([1]-[4]) / \\ (0.5 *([1]+[4] \end{gathered}$ | $\begin{gathered} ([1]-[5]) / \\ \left(0.5^{*}([1]+[5]\right. \end{gathered}$ |  |
| All families | -0.9\% | 2.4\% | -3.3\% | -2.8\% |  |
| Husband-wife | -2.8\% | -0.0\% | -4.8\% | -4.7\% |  |
| Lone parent families | 10.7\% | 17.4\% | 6.2\% | 8.7\% |  |
| Median Income |  |  |  |  |  |
| All families | \$42,700 | \$44,891 | \$45,129 | \$44,783 |  |
| Husband-wife | \$46,600 | \$48,091 | \$48,113 | \$47,973 |  |
| Lone parent families | \$20,700 | \$23,552 | \$22,477 | \$22,500 |  |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2] \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3] \end{gathered}$ | $\begin{gathered} ([1]-[4]) / \\ \left(0.5^{*}([1]+[4]\right. \end{gathered}$ |  |  |
| All families | -5.0\% | -5.5\% | -4.8\% |  |  |
| Husband-wife | -3.1\% | -3.2\% | -2.9\% |  |  |
| Lone parent families | -12.9\% | -8.2\% | -8.3\% |  |  |
| Average income |  |  |  |  |  |
| All families | \$50,207 | \$51,342 | \$50,468 | \$50,099 |  |
| Husband-wife | \$54,166 | \$54,667 | \$53,525 | \$53,323 |  |
| Lone parent families | \$26,979 | \$29,018 | \$29,115 | \$28,977 |  |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2] \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3] \end{gathered}$ | $\begin{gathered} ([1]-[4]) / \\ \left(0.5^{*}([1]+[4]\right. \end{gathered}$ |  |  |
| All families | -2.2\% | -0.5\% | 0.2\% |  |  |
| Husband-wife | -0.9\% | 1.2\% | 1.6\% |  |  |
| Lone parent families | -7.3\% | -7.6\% | $-7.1 \%$ |  |  |

Note: There are some differences in the universes covered by these estimates.

Table (ii) Comparison of Number of Families, Median \& Average Income Estimated
By T1 Family File, Census, \& Survey of Consumer Finances 1993

|  | [1] | [2] | [3] | [4] | [5] |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | T1 Family file | Census | SCF <br> Original | SCF <br> Revised | $\begin{gathered} \text { Demography } \\ 94-07-01 \end{gathered}$ |
| Number of families |  |  |  |  |  |
| All families | 7,832,990 |  | 7,513,000 | 7,959,000 | 7,797,200 |
| Husband-wife families | 6,676,430 |  | 6,451,000 | 6,764,000 | 6,771,100 |
| Lone parent families | 1,156,560 |  | 1,063,000 | 1,195,000 | 1,026,100 |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2])) \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3])) \end{gathered}$ | $\begin{gathered} ([1]-[4]) / \\ (0.5 *([1]+[4])) \end{gathered}$ | $\begin{gathered} ([1]-[5]) / \\ (0.5 *([1]+[5])) \end{gathered}$ |  |
| All families |  | 4.2\% | -1.6\% | 0.5\% |  |
| Husband-wife families |  | 3.4\% | -1.3\% | -1.4\% |  |
| Lone parent families |  | 8.4\% | -3.3\% | 12.0\% |  |
| Median Income |  |  |  |  |  |
| All families | \$43,000 |  | \$45,783 | \$45,583 |  |
| Husband-wife families | \$47,400 |  | \$49,694 | \$49,761 |  |
| Lone parent families | \$20,200 |  | \$24,201 | \$24,207 |  |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2])) \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3])) \end{gathered}$ | $\begin{gathered} ([1]-[4]) / \\ (0.5 *([1]+[4])) \end{gathered}$ |  |  |
| All families |  | -6.3\% | -5.8\% |  |  |
| Husband-wife families |  | -4.7\% | -4.9\% |  |  |
| Lone parent families |  | -18.0\% | -18.0\% |  |  |
| Average income |  |  |  |  |  |
| All families | \$51,361 |  | \$52,112 | \$51,889 |  |
| Husband-wife families | \$55,673 |  | \$55,742 | \$55,747 |  |
| Lone parent families | \$26,470 |  | \$30,072 | \$30,057 |  |
|  | $\begin{gathered} ([1]-[2]) / \\ (0.5 *([1]+[2])) \end{gathered}$ | $\begin{gathered} ([1]-[3]) / \\ (0.5 *([1]+[3])) \end{gathered}$ | $\begin{gathered} ([1]-[4]) / \\ (0.5 *([1]+[4])) \end{gathered}$ |  |  |
| All families |  | -1.5\% | -1.0\% |  |  |
| Husband-wife families |  | -0.1\% | -0.1\% |  |  |
| Lone parent families |  | -12.7\% | -12.7\% |  |  |


[^0]:    Income and Labour Dynamics Working Paper Series: Statistics Canada Product Number 75F0002M

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[^3]:    Income and Labour Dynamics Working Paper Series: Statistics Canada Product Number 75F0002M

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