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The Longitudinal Administrative Databank (LAD) and the Longitudinal Immigration Database (IMDB) : Building the LAD_IMDB - a technical paper

1980-1999

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1980-1999

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- ... not applicable
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- ^r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- ^E use with caution
- F to unreliable to be published

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The Longitudinal Administrative Databank (LAD) and the Longitudinal Immigration Database (IMDB):

Building the LAD_IMDB - a technical paper

By Heather Dryburgh, Ph.D.
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1) What is the LAD_IMDB?

The Longitudinal Administrative Databank (LAD) and the Longitudinal Immigration Database (IMDB) bring together two innovative data developments at Statistics Canada to produce a source of longitudinal information on a sample of Canadians and immigrants (referred to here as the LAD_IMDB). The LAD_IMDB combines longitudinal tax information for a sample of Canadians from the LAD, with characteristics of landed immigrants (permanent residents) from the IMDB. The resulting database is a 20 percent sample of Canadian taxfilers, including a representative proportion of immigrants. Immigrants are associated with their key characteristics at landing.

The following description of each of the contributing databases will help to clarify exactly what the combined LAD_IMDB is and how it enhances and complements the existing separate databases.

IMDB

First, the IMDB is a database combining linked immigration and taxation records. It currently covers the immigration landing years 1980 to 2000 and is updated with tax information annually for 16 years. The IMDB is a comprehensive source of data on the economic behaviour of the immigrant taxfiler population in Canada and is the only source of data that provides a direct link between immigration policy levers and the economic performance of immigrants. The database is managed by Statistics Canada on behalf of a federal-provincial consortium led by Citizenship and Immigration Canada. A person is included in the database only if he or she obtained landed immigrant status since 1980 and filed at least one tax return after becoming a landed immigrant.

The IMDB was created to respond to the need for detailed and reliable data on the performance and impact of the Immigration Program. Nevertheless, the linkage of information on the IMDB is approved only for 16 years, therefore some of the longer-term issues such as the economic outcomes of children of immigrants or the transition to retirement may not be possible on the full IMDB file.

LAD

The LAD is a 20% longitudinal sample of Canadian taxfilers constructed from the information provided annually to the Canada Customs and Revenue Agency in personal income tax returns (T1 forms). The LAD covers the 1982 to 2000 period, with additional years added as they become available. As with the IMDB, the longitudinal data in LAD facilitate the analysis of changes in socio-economic characteristics over time. In addition, the LAD contains information on both individuals and their families. There is no way of identifying immigrants from non-immigrants on the LAD and hence these data have not previously been useful for immigration policy research.

LAD_IMDB

Bringing together these databases enriches the LAD by enabling comparisons of known immigrants and other Canadian taxfilers. Similarly, the IMDB is enriched by the supplementary family information and the extended period of taxfiling information available on the LAD sample of immigrants.

Table 1: Linkage counts for the 2000 LAD_IMDB data linkage

	IMDB	LAD
Matches by SIN	2, 410,119	2,411,883
Lost due to slight variations in linkage processes	114	1,878
	-0.005%	-0.078%
Remaining matches	2,410,005	2,410,005
Sample file (20%)		481,720

a) Sampling, sample size and sample dynamics

Each year of LAD is a 20 percent random sample from Small Area and Administrative Data Division's (SAADD) annual T1 Family File (T1FF). The T1FF is created from information provided on personal income tax returns. The large sample of the LAD (4.6 million persons in 2000) ensures reliable estimates for Canada, the provinces and territories, CMAs and larger subprovincial regions, based on postal geography (dependent on sample size and confidentiality restrictions).

The LAD_IMDB is produced by matching the two databases by social insurance number (SIN), with the result that 20 percent of immigrants on the IMDB are identified on the LAD. The sample size of over 450,000 immigrants as of 2000 tax year ensures that reliable estimates are possible in most cases. The LAD_IMDB includes weights that must be used to produce estimates, and all data must be assessed for variation of the sample from the population (coefficient of variation) prior to release (see section 4b below for more detailed discussion).

b) Longitudinal linkage

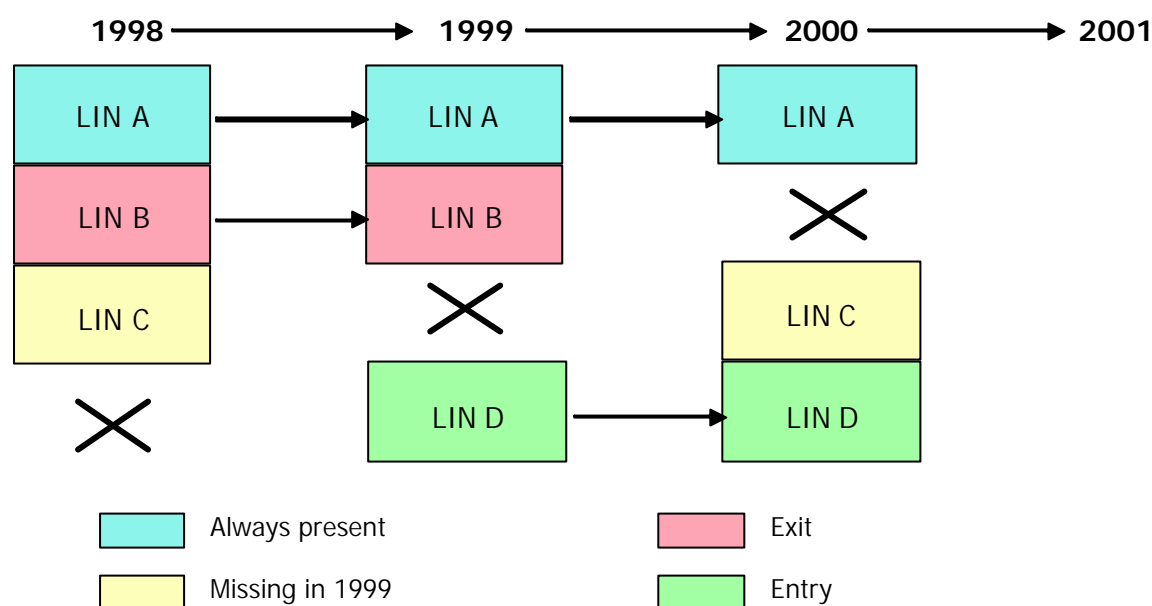
The LAD_IMDB is updated annually with methodology that ensures both cross-sectional and longitudinal representativeness of immigrant taxfilers. All previously matched immigrants are searched for in an update and retained on the file for future matches whether or not they are matched in a given year. All new immigrants are matched to the LAD file each update, ensuring that in any given year the sample is representative of previous and new immigrant taxfilers.

This method also ensures automatic sample replenishment as some immigrants stop filing taxes, while new immigrants are sampled and added.

c) Sample dynamics

The nature of the longitudinal LAD_IMDB data reflects the life changes and choices of immigrants. The new entries to the database will primarily include new immigrants and young immigrants coming of age to enter the labour market. Those immigrants no longer matched to tax data reflect deceased immigrants and those who have either emigrated, or stopped filing taxes (e.g., if they have left the labour market).

Some immigrants will be missing on the database if they are not taxfilers, or if they filed taxes very late and were not included in the final version of the tax file for a given year. Immigrants who are not resident in Canada for a tax year may also be missing from the database for that year.

Figure 1: Longitudinal nature of LAD_IMDB illustrated

Source: Statistics Canada, Small Area and Administrative Data Division.

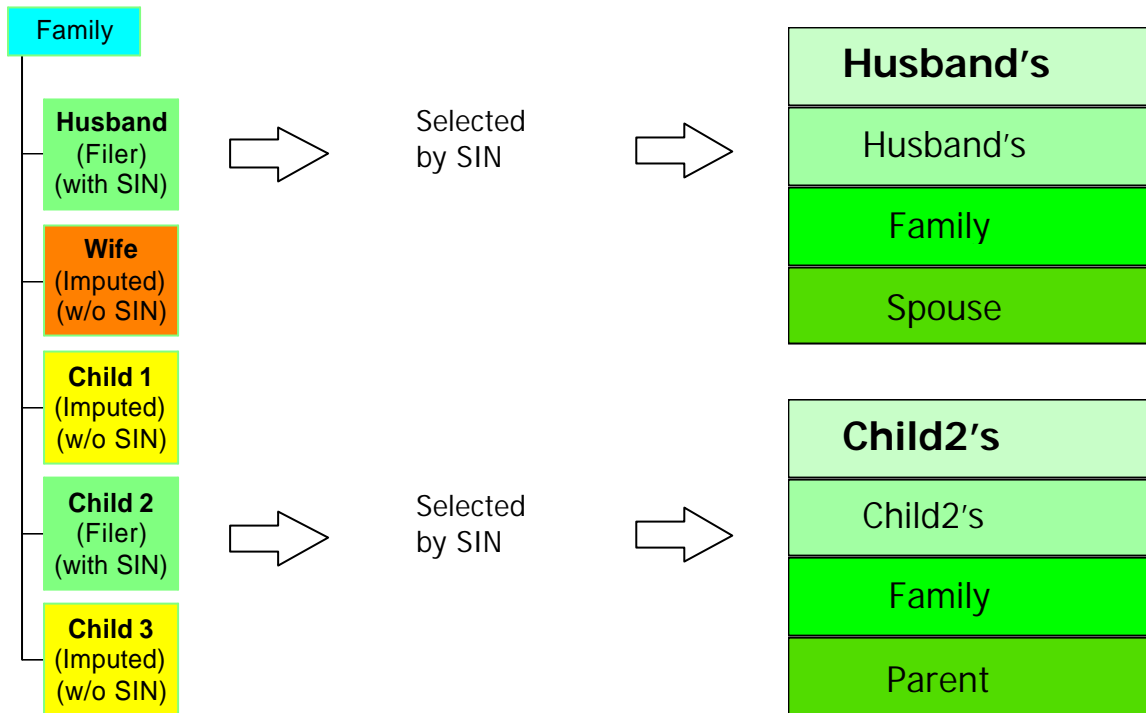
Figure 1 illustrates the process of longitudinal linkage used in the LAD_IMDB, showing the sample dynamics of entry and exits from the database by tax year. The LIN A series shows a taxfiler who is selected into the sample and files continuously. The LIN B series represents a taxfiler who files for a number of years and then stops filing. The LIN C series illustrates the taxfiling behaviour of an intermittent filer who remains on the file despite missing years of data. The LIN D series shows new entrants to the labour market, or first time taxfilers.

d) Family information (from T1FF)

The family information on the LAD_IMDB is based on information from the T1FF and is individual based. Figure two illustrates the process of constructing the family-level variables. In the family defined on the left of the diagram (husband, wife, three children) the father and child two were selected randomly by SIN to be included in the LAD (an additional match is made later to add the immigrant information). The husband's unique identifier (LIN) is retained, along with the husband's income information for the given tax year, family income information based on methodology used in the production of the T1FF, and spouse income information (husband and wife together). All of this information is added to the individual case of the husband.

Similarly, child two was selected in the same year. The child's unique identifier is then retained, along with his/her income information, the total family income information based on the T1FF and the child's parents' joint income information (mother and father). All of this information is added to the individual case of the child.

Figure 2: Sample selection and addition of family information on the T1FF



Source: Statistics Canada, Small Area and Administrative Data Division.

2) Variables on the LAD_IMDB

a) LAD variables

The LAD includes 109 variables on the individual, 80 variables on the family and 86 variables on the parent/spouse. These variables include demographic, geographic and income information. The family variables are all income-related, thus avoiding repetition of demographic variables such as number of children in the family, and so on. The parent/spouse variables include income variables for spouses and 6 additional demographic variables relating only to the parents/spouses. For full, detailed information on the LAD variables, please see the *LAD Data Dictionary*.

b) IMDB variables

The IMDB variables added to the LAD_IMDB were selected primarily to enable researchers to identify and control for period, place of origin and entry into Canada, and to analyze economic behaviour in the context of key characteristics related to the economic integration of immigrants. In addition, three variables were added primarily for the purpose of quality assurance and verification of the data.

The landing year, place of destination (province and census metropolitan area/census agglomeration) and three country variables – country of last permanent residence, country of birth, and country of citizenship – allow researchers to control for the economic situation from which and into which immigrants migrate.

Key immigrant characteristics on the file include the class of immigrant (e.g., skilled worker class, refugee class), education at landing, Canadian official language ability, native language, intended occupation at landing, primary status history, marital status, special program, and industry code.

The three variables on the file for quality assurance purposes are the outlier flag derived based on all cases in the IMDB, the first year the immigrant filed taxes after landing, and the last year they filed taxes.

As with the LAD variables, full detailed information on these IMDB variables can be found in the *LAD Data Dictionary*.

3) Protecting confidentiality

Access to the LAD_IMDB is restricted, with controlled physical access, and a secure physical environment for the server. Several procedures are followed to prevent disclosure of confidential information. Users specify their data requirements and data are retrieved by the technical team within SAADD who have access to the data.

Suppression of small cells (less than 5) and complementary cells (if knowing the value would allow the user to compute the value of the suppressed cell) is used to protect the confidentiality of Canadians. In addition, counts, aggregate amounts and distribution measures such as medians are rounded.

4) Representativeness and variability

One concern with sample data is the extent to which the sample truly represents the population from which it is drawn. Contrary to most surveys, the LAD_IMDB sample can be directly compared to the population in the IMDB on many of the key variables of interest. The following discussion focuses on a comparison of two tables using the IMDB data (population) and the exact same tables using the sample file data. A comparison of more detailed breakdowns of the data from both files follows. Finally, guidelines for using the coefficient of variation to assess representativeness are presented, stressing its importance as a key piece of information that will guide researchers in their analysis, especially when dealing with smaller subgroups of immigrants.

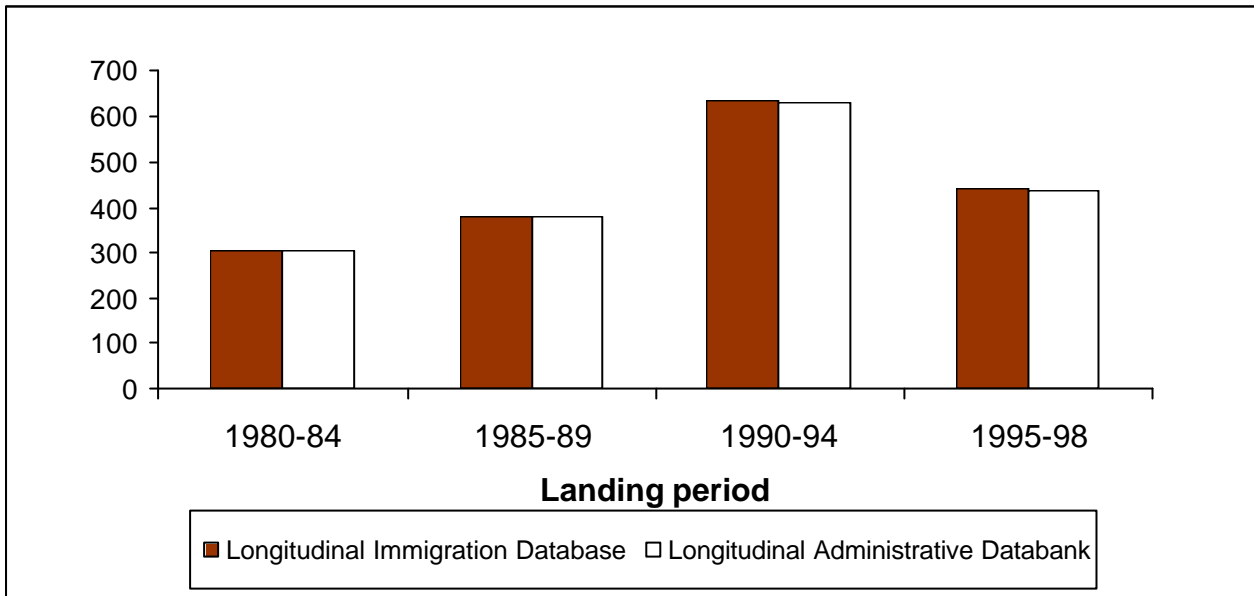
a) IMDB versus LAD_IMDB (See Appendix A)

The population and weighted sample estimates of the total number of landed immigrants and immigrants with earnings are virtually identical (Figures 3 and 4).¹ Similarly, the average employment earnings of the weighted sample do not differ from the population averages (Figure 5). Choosing a small group of immigrants whose income would be expected to vary widely – business class, principle applicant males with employment earnings – the differences between the sample estimates and population average employment earnings again are minimal (Figure 6).

Appendix A presents the same table using population data and sample data, followed by tables showing the differences between the two. The differences between the sample and population are small in almost all breakdowns, with somewhat higher variation when cell counts are very small and earnings are highly variable.

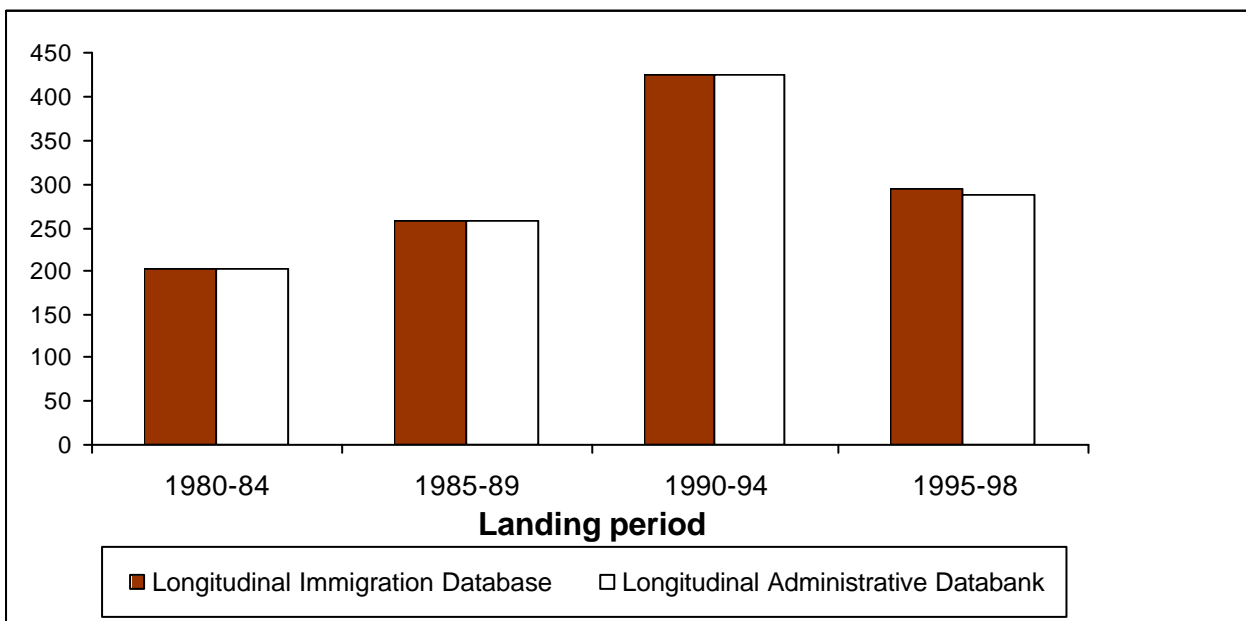
¹ Tax year 1999, landing years 1980 to 1998.

Figure 3: Total number of immigrant taxfilers, population (IMDB) and weighted sample (LAD)



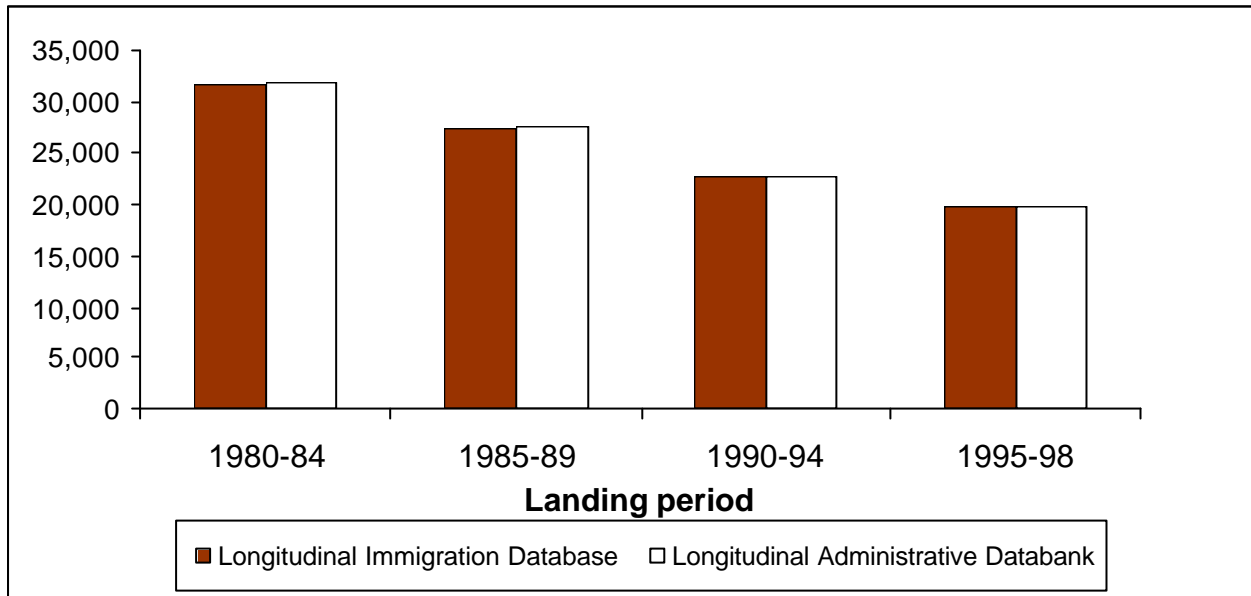
Sources: Statistics Canada, Longitudinal Immigration Database and Longitudinal Administrative Databank.

Figure 4: Number of immigrant tax-filers with employment earnings



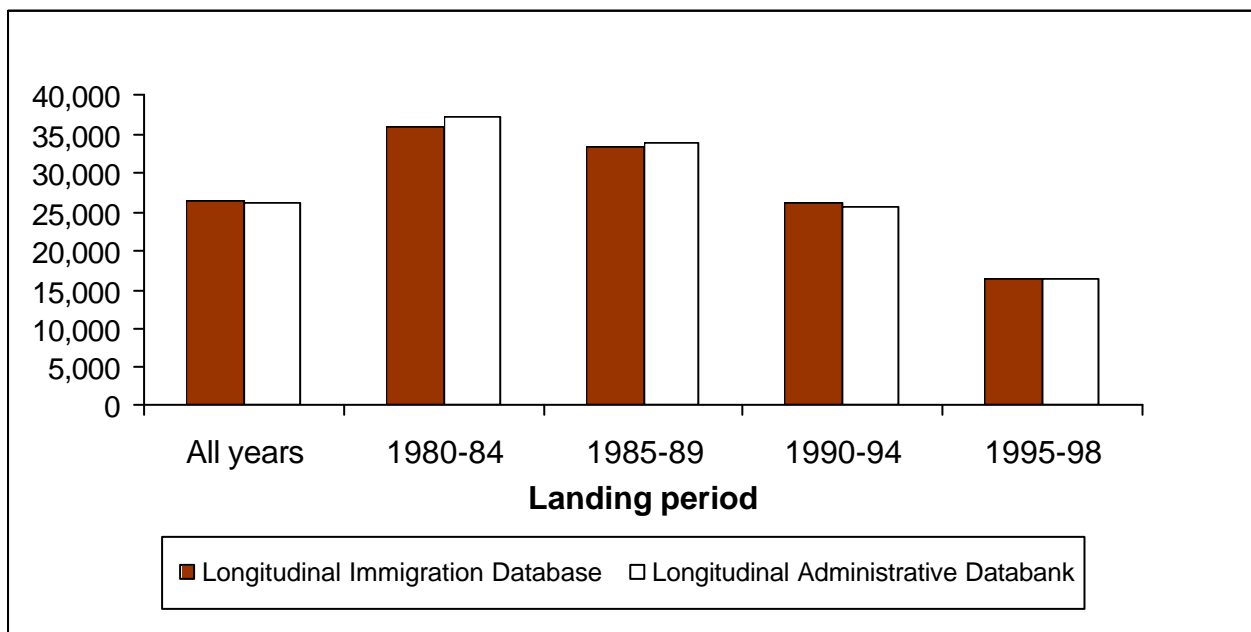
Sources: Statistics Canada, Longitudinal Immigration Database and Longitudinal Administrative Databank.

Figure 5: Average employment earnings, population versus weighted sample



Sources: Statistics Canada, Longitudinal Immigration Database and Longitudinal Administrative Databank.

Figure 6: Average employment earnings, male business class principal applicants with employment earnings



Sources: Statistics Canada, Longitudinal Immigration Database and Longitudinal Administrative Databank.

Although the representativeness of the sample file is excellent, the condition of testing for coefficient of variation must guide the researcher in determining how much confidence can be placed in the sample file estimates. This will be discussed more fully below (Coefficient of variation).

b) More detailed breakdowns

A comparison of three highly detailed breakdowns: 1) immigrant class (72 categories) by landing year (21); 2) world areas (7 categories) by landing year (21 categories); and 3) five-year age groups (14 categories) by landing year (21 categories) produces the same basic findings of the tables in Appendix A. The smaller the cell frequency, the higher the variability. The breakdowns by age and world areas produced large enough cell counts that variability was not an issue.

The immigrant class by landing year breakdown produced some smaller cell counts where variability is higher. As already mentioned, the coefficient of variation should guide the researcher in deciding whether to group categories at a higher level to reduce variability. As a rough, general rule, the data show higher variability when cell counts are less than 100. About 34 percent of the cells in the immigrant class by landing year breakdown have cell counts less than 100: however, only 3 percent have high variability. Therefore, it is recommended that cells with counts less than 100 be treated with caution.

c) Coefficient of variation

Since sample estimates are subject to sampling error, sound statistical practice calls for researchers to provide users with some indication of the magnitude of this sampling error. It is possible to estimate a statistical measure of sampling error (the standard error) from sample data. Using the standard error, confidence intervals for estimates may be obtained under the assumption that the estimates are normally distributed about the true population value. The chances are about 68 out of 100 that the difference between a sample estimate and the true population value is less than one standard error, about 95 out of 100 that the difference is less than two standard errors, and it is virtually certain that the difference is less than three standard errors. The coefficient of variation (c.v.) is the sampling error expressed relative to the size of the estimate.

The c.v. is obtained by dividing the standard error of the estimate by the estimate itself, and the resulting fraction is usually expressed as a percentage.

Type of estimate	Coefficient of variation	Guidelines for release
Moderate sampling variability	0.0% to 16.5%	Estimates can be considered for general unrestricted release. No special notation is required
High sampling variability	16.6% to 33.3%	Estimates can be considered for general unrestricted release but should be accompanied by a warning, cautioning users of the high sampling variability associated with the estimates.
Very high sampling variability	33.4% or over	Estimates should generally not be released, but when they are it should be with great caution and the very high sampling variability associated with the estimate should be prominently noted.

Note: The sampling variability guidelines should be applied to rounded estimates.

Approximate variance tables for weighted estimates of qualitative variables (categorical) are provided in the user documentation. It should be noted that all coefficients of variation in these tables are approximate and therefore unofficial. Variable-specific estimates of variance can be calculated by Statistics Canada on a cost-recovery basis. In the case where census families are used as the unit of analysis (e.g., X census families have at least one immigrant family member), the variable-specific coefficients of variation will have to be estimated, as the variance tables here are calculated based on the individual as the unit of analysis.

For quantitative variables (e.g., income), the approximate variances cannot be as conveniently summarized. As a general rule, however, the coefficient of variation of a quantitative total will be larger than the coefficient of variation of the corresponding qualitative estimate (e.g., the number of persons contributing to the quantitative estimate). If the corresponding qualitative estimate has high sampling variability, then the quantitative total will in general have high sampling variability as well.²

5) Conclusions

The LAD_IMDB enhances and complements both the LAD and the IMDB. For the LAD, the addition of IMDB variables enables research involving comparisons between known immigrants and other Canadian taxfilers. For the IMDB, researchers will be able to follow the economic integration of a sample of immigrant taxfilers for more than the 16 years currently available on the IMDB. In addition, derived variables made possible by the family information from the T1FF will open new possibilities for assessing immigrant integration, including looking at the Low Income Measure (LIM) and comparing economic trends with the other Canadians.

Using the LAD_IMDB will require diligent use of the coefficient of variation to assess the level of confidence that can be attributed to the estimates, particularly where smaller subsets of immigrants are used.

² Statistics Canada. 2001. General Social Survey Cycle 14: Access to and Use of Information Communication Technology (2000) - Public Use Microdata File Documentation and User's Guide (Statistics Canada Catalogue no. 12M0014).

Appendix A

Table 1a - Canada
Total number of immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year IMDB

Period of Immigration	Total Immigrant Taxfilers					Male Immigrant Taxfilers					Female Immigrant Taxfilers				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Total Immigrant Taxfilers	1,764,590	307,055	380,365	633,255	443,910	885,480	154,090	192,615	315,950	222,825	879,100	152,965	187,750	317,305	221,080
Age at Taxation															
15 - 24	211,955	25,325	43,345	80,745	62,535	106,685	13,085	22,355	41,695	29,545	105,270	12,245	20,990	39,055	32,985
25 - 34	424,690	45,270	74,785	161,740	142,905	205,370	23,375	37,270	76,120	68,615	219,320	21,895	37,520	85,615	74,290
35 - 49	750,305	139,060	172,410	264,630	174,210	388,250	71,130	89,315	135,350	92,450	362,060	67,930	83,090	129,285	81,755
50 - 64	234,210	53,845	53,865	80,800	45,700	121,845	28,650	28,125	41,280	23,785	112,365	25,200	25,740	39,520	21,910
65 and over	143,425	43,560	35,965	45,340	18,565	63,340	17,855	15,550	21,510	8,430	80,085	25,705	20,415	23,830	10,140
Education at Landing															
0-9 years of schooling	563,930	141,935	147,685	194,070	80,240	263,510	66,860	70,570	91,420	34,665	300,415	75,070	77,120	102,650	45,575
10-12 years of schooling	443,475	65,130	90,560	176,125	111,650	206,710	29,990	42,800	82,980	50,940	236,765	35,145	47,760	93,145	60,715
13 or more years of schooling	149,165	20,860	30,470	59,235	38,605	77,345	10,915	16,460	31,065	18,905	71,820	9,945	14,010	28,170	19,700
Trade Cert./ Non-Univ. Dipl.	296,250	48,505	64,350	105,670	77,725	155,440	27,565	35,030	54,125	38,730	140,810	20,940	29,325	51,545	38,995
Bachelor's degree	245,365	23,645	38,005	79,500	104,210	137,500	13,960	21,545	43,735	58,260	107,865	9,690	16,460	35,770	45,955
Master's degree / Doctorate	66,410	6,975	9,295	18,655	31,480	44,980	4,800	6,220	12,630	21,335	21,430	2,180	3,075	6,030	10,150
Language Ability at Landing															
English	890,900	137,285	181,320	321,460	250,840	458,375	67,625	92,140	163,325	135,285	432,530	69,660	89,175	158,130	115,560
French	79,385	17,495	15,325	27,325	19,235	41,410	8,510	7,940	14,455	10,505	37,975	8,990	7,380	12,875	8,730
Both English and French	67,170	10,030	14,105	25,995	17,045	38,005	5,345	7,850	15,075	9,735	29,165	4,680	6,255	10,915	7,310
No official language ability	727,135	142,240	169,620	258,480	156,790	347,690	72,605	84,690	123,095	67,305	379,440	69,640	84,930	135,385	89,485
Category of Immigration															
Family	664,400	125,860	140,315	249,705	148,525	291,885	54,525	60,615	111,935	64,805	372,525	71,335	79,705	137,770	83,720
Business (P.A.)	49,125	4,920	9,955	20,280	13,970	42,165	4,440	8,530	17,315	11,885	6,960	475	1,425	2,970	2,085
Skilled Worker (P.A.)	203,050	32,945	36,060	51,175	82,875	144,655	23,995	24,415	34,180	62,065	58,395	8,945	11,640	17,000	20,805
Other Economic	412,410	72,720	87,815	132,155	119,720	170,100	30,390	38,830	56,515	44,360	242,310	42,330	48,985	75,635	75,360
Refugee	290,025	64,200	74,205	92,020	59,600	173,385	39,165	45,780	55,090	33,355	116,640	25,035	28,425	36,935	26,245
Other	145,575	6,420	32,020	87,920	19,225	63,300	1,565	14,455	40,920	6,360	82,280	4,855	17,565	47,000	12,865
Country of Last Permanent Residence (CLPR)															
Hong Kong	148,660	15,295	27,010	68,715	37,640	75,170	7,550	14,175	34,980	18,460	73,495	7,740	12,835	33,735	19,180
India	146,300	20,860	26,175	49,265	49,995	74,880	10,840	13,065	25,585	25,390	71,420	10,020	13,110	23,685	24,605
Philippines	124,385	15,300	23,535	54,650	30,900	48,980	6,840	9,440	19,360	13,340	75,410	8,465	14,095	35,295	17,560
Vietnam	87,015	35,225	23,510	22,740	5,545	48,565	20,835	13,870	11,885	1,970	38,450	14,385	9,635	10,855	3,570
China	86,420	8,525	7,000	29,410	41,485	40,900	4,020	3,035	13,925	19,930	45,520	4,500	3,970	15,490	21,555
Other	1,171,800	211,855	273,130	408,465	278,350	596,985	103,995	139,035	210,220	143,740	574,815	107,860	134,100	198,245	134,610
World Areas (CLPR)															
North America	50,005	15,320	13,215	13,140	8,330	20,295	5,850	5,160	5,530	3,755	29,705	9,470	8,055	7,605	4,575
Europe	405,185	95,280	96,275	126,225	87,415	207,900	48,990	50,180	63,430	45,300	197,280	46,285	46,095	62,790	42,110
Asia	844,585	126,085	155,810	313,545	249,155	421,970	65,820	80,115	153,510	122,525	422,615	60,265	75,690	160,035	126,625
Middle East	98,650	8,875	20,025	40,265	29,475	55,145	4,835	11,550	22,730	16,035	43,500	4,040	8,480	17,540	13,445
Africa	111,795	12,175	23,060	45,205	31,355	60,975	6,630	13,110	24,635	16,600	50,820	5,545	9,950	20,570	14,755
Caribbean & Guyana	148,940	31,475	44,190	50,115	23,155	65,805	13,250	18,705	22,800	11,040	83,135	18,225	25,485	27,315	12,115
South & Central America	87,175	14,105	24,445	37,685	10,945	44,220	6,935	12,240	19,680	5,365	42,960	7,165	12,200	18,005	5,580
Oceania & Australia	18,255	3,745	3,355	7,075	4,080	9,170	1,775	1,560	3,625	2,210	9,080	1,970	1,795	3,450	1,865

All data regarding immigrant taxfilers are random rounded.

Source: Longitudinal Immigration Database (IMDB), Statistics Canada.

Table 1b - Canada

Total number of immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year LAD_IMDB

Period of Immigration	Total Immigrant Taxfilers					Male Immigrant Taxfilers					Female Immigrant Taxfilers				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Total Immigrant Taxfilers	1,753,800	305,100	379,375	632,375	436,975	880,225	152,875	192,300	315,975	219,100	873,575	152,225	187,075	316,400	217,875
Age at Taxation															
15 - 24	210,225	24,950	43,050	81,425	60,800	105,625	12,900	22,425	41,600	28,725	104,575	12,050	20,625	39,825	32,100
25 - 34	419,675	45,150	73,150	161,575	139,825	202,550	23,000	36,375	76,475	66,725	217,125	22,150	36,775	85,100	73,100
35 - 49	748,475	138,500	172,775	264,175	173,025	387,925	71,300	89,375	135,475	91,800	360,550	67,225	83,400	128,700	81,250
50 - 64	231,475	53,050	53,925	79,875	44,625	120,675	28,150	28,425	40,750	23,375	110,800	24,900	25,525	39,125	21,250
65 and over	143,950	43,450	36,450	45,325	18,700	63,425	17,525	15,725	21,675	8,500	80,525	25,925	20,725	23,675	10,200
Education at Landing															
0-9 years of schooling	561,200	141,375	146,450	194,600	78,750	261,450	66,250	69,350	91,450	34,425	299,750	75,150	77,100	103,175	44,350
10-12 years of schooling	439,725	65,100	90,075	175,300	109,250	204,975	29,825	43,025	82,725	49,375	234,775	35,275	47,050	92,550	59,875
13 or more years of schooling	148,400	20,400	30,400	59,825	37,775	77,625	10,925	16,400	31,800	18,500	70,775	9,475	14,000	28,050	19,250
Trade Cert./ Non-Univ. Dipl.	293,300	47,725	63,800	104,925	76,825	154,000	26,950	35,225	53,575	38,250	139,300	20,775	28,575	51,375	38,575
Bachelor's degree	245,125	23,425	39,100	79,175	103,400	137,450	13,950	22,150	43,650	57,675	107,675	9,475	16,975	35,525	45,725
Master's degree / Doctorate	66,075	7,075	9,525	18,500	30,975	44,775	4,950	6,175	12,775	20,875	21,300	2,100	3,350	5,750	10,100
Language Ability at Landing															
English	883,925	136,100	181,575	320,500	245,725	454,925	66,875	92,475	163,175	132,425	428,975	69,225	89,100	157,325	113,325
French	78,650	17,375	15,675	27,400	18,175	41,150	8,450	8,225	14,425	10,050	37,500	8,925	7,450	13,000	8,150
Both English and French	66,375	10,050	14,175	25,900	16,250	38,000	5,500	8,200	15,075	9,225	28,375	4,575	6,000	10,825	7,025
No official language ability	724,875	141,550	167,950	258,550	156,825	346,175	72,050	83,425	123,300	67,425	378,700	69,500	84,525	135,250	89,400
Category of Immigration															
Family	661,275	124,675	140,325	249,450	146,850	290,350	53,625	60,550	111,875	64,300	370,925	71,050	79,775	137,575	82,550
Business (P.A.)	49,700	4,750	10,175	20,625	14,150	42,700	4,250	8,725	17,800	11,925	6,975	500	1,450	2,825	2,225
Skilled Worker (P.A.)	201,025	32,450	36,275	51,575	80,725	143,900	23,775	24,550	34,725	60,825	57,150	8,675	11,725	16,850	19,900
Other Economic	409,250	72,625	86,450	131,000	119,200	168,200	29,975	38,200	55,925	44,100	241,075	42,650	48,250	75,075	75,100
Refugee	287,800	64,175	74,025	92,175	57,425	172,500	39,725	45,500	55,400	31,875	115,300	24,450	28,500	36,775	25,550
Other	144,725	6,425	32,125	87,550	18,625	62,600	1,500	14,750	40,250	6,075	82,150	4,925	17,375	47,300	12,550
Country of Last Permanent Residence (CLPR)															
Hong Kong	148,625	14,850	26,550	69,550	37,675	75,525	7,300	14,050	35,475	18,725	73,125	7,575	12,500	34,075	18,975
India	147,000	20,975	26,000	49,250	50,775	74,525	10,600	12,600	25,525	25,800	72,475	10,350	13,400	23,725	24,975
Philippines	123,500	15,275	23,425	54,275	30,525	48,400	6,625	9,700	18,750	13,325	75,075	8,650	13,700	35,525	17,200
Vietnam	87,350	35,475	23,225	22,975	5,675	48,600	21,050	13,450	12,125	1,950	38,750	14,425	9,750	10,850	3,700
China	85,275	8,325	6,800	29,425	40,725	40,375	3,850	2,925	13,950	19,650	44,900	4,475	3,875	15,475	21,050
Other	1,162,050	210,200	273,375	406,875	271,600	592,800	103,450	139,550	210,150	139,625	569,275	106,750	133,825	196,725	131,975
World Areas (CLPR)															
North America	49,350	15,375	13,550	12,500	7,925	20,325	6,025	5,175	5,550	3,575	29,025	9,350	8,375	6,975	4,350
Europe	403,125	94,175	96,625	126,500	85,825	207,050	49,025	50,425	63,750	43,850	196,075	45,150	46,200	62,750	41,975
Asia	841,250	125,400	154,225	314,625	246,975	419,300	64,875	79,350	153,675	121,400	421,925	60,525	74,875	160,950	125,575
Middle East	98,125	9,275	19,850	39,650	29,325	54,850	4,875	11,500	22,375	16,100	43,275	4,425	8,375	17,275	13,225
Africa	111,300	12,000	23,275	45,250	30,750	60,850	6,575	13,275	24,775	16,225	50,425	5,425	10,000	20,475	14,525
Caribbean & Guyana	146,975	31,100	44,450	49,500	21,925	64,950	12,900	18,725	22,625	10,700	82,025	18,200	25,725	26,875	11,225
South & Central America	85,500	14,025	24,150	37,100	10,225	43,675	6,850	12,350	19,475	5,025	41,825	7,175	11,800	17,625	5,225
Oceania & Australia	18,175	3,725	3,225	7,200	4,000	9,200	1,750	1,500	3,725	2,225	8,975	2,000	1,725	3,475	1,775

All data regarding immigrant taxfilers are random rounded.

Source: Longitudinal Immigration Database (IMDB), Statistics Canada.

Table 1c - Canada

Total number of immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - IMDB minus LAD_IMDB

Period of Immigration	Total Immigrant Taxfilers					Male Immigrant Taxfilers					Female Immigrant Taxfilers				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Total Immigrant Taxfilers	10,790	1,955	990	880	6,935	5,255	1,215	315	-25	3,725	5,525	740	675	905	3,205
Age at Taxation															
15 - 24	1,730	375	295	-680	1,735	1,060	185	-70	95	820	695	195	365	-770	885
25 - 34	5,015	120	1,635	165	3,080	2,820	375	895	-355	1,890	2,195	-255	745	515	1,190
35 - 49	1,830	560	-365	455	1,185	325	-170	-60	-125	650	1,510	705	-310	585	505
50 - 64	2,735	795	-60	925	1,075	1,170	500	-300	530	410	1,565	300	215	395	660
65 and over	-525	110	-485	15	-135	-85	330	-175	-165	-70	-440	-220	-310	155	-60
Education at Landing															
0-9 years of schooling	2,730	560	1,235	-530	1,490	2,060	610	1,220	-30	240	665	-80	20	-525	1,225
10-12 years of schooling	3,750	30	485	825	2,400	1,735	165	-225	255	1,565	1,990	-130	710	595	840
13 or more years of schooling	765	460	70	-590	830	-280	-10	60	-735	405	1,045	470	10	120	450
Trade Cert./ Non-Univ. Dipl.	2,950	780	550	745	900	1,440	615	-195	550	480	1,510	165	750	170	420
Bachelor's degree	240	220	-1,095	325	810	50	10	-605	85	585	190	215	-515	245	230
Master's degree / Doctorate	335	-100	-230	155	505	205	-150	45	-145	460	130	80	-275	280	50
Language Ability at Landing															
English	6,975	1,185	-255	960	5,115	3,450	750	-335	150	2,860	3,555	435	75	805	2,235
French	735	120	-350	-75	1,060	260	60	-285	30	455	475	65	-70	-125	580
Both English and French	795	-20	-70	95	795	5	-155	-350	0	510	790	105	255	90	285
No official language ability	2,260	690	1,670	-70	-35	1,515	555	1,265	-205	-120	740	140	405	135	85
Category of Immigration															
Family	3,125	1,185	-10	255	1,675	1,535	900	65	60	505	1,600	285	-70	195	1,170
Business (P.A.)	-575	170	-220	-345	-180	-535	190	-195	-485	-40	-15	-25	-25	145	-140
Skilled Worker (P.A.)	2,025	495	-215	-400	2,150	755	220	-135	-545	1,240	1,245	270	-85	150	905
Other Economic	3,160	95	1,365	1,155	520	1,900	415	630	590	260	1,235	-320	735	560	260
Refugee	2,225	25	180	-155	2,175	885	-560	280	-310	1,480	1,340	585	-75	160	695
Other	850	-5	-105	370	600	700	65	-295	670	285	130	-70	190	-300	315
Country of Last Permanent Residence (CLPR)															
Hong Kong	35	445	460	-835	-35	-355	250	125	-495	-265	370	165	335	-340	205
India	-700	-115	175	15	-780	355	240	465	60	-410	-1,055	-330	-290	-40	-370
Philippines	885	25	110	375	375	580	215	-260	610	15	335	-185	395	-230	360
Vietnam	-335	-250	285	-235	-130	-35	-215	420	-240	20	-300	-40	-115	5	-130
China	1,145	200	200	-15	760	525	170	110	-25	280	620	25	95	15	505
Other	9,750	1,655	-245	1,590	6,750	4,185	545	-515	70	4,115	5,540	1,110	275	1,520	2,635
World Areas (CLPR)															
North America	655	-55	-335	640	405	-30	-175	-15	-20	180	680	120	-320	630	225
Europe	2,060	1,105	-350	-275	1,590	850	-35	-245	-320	1,450	1,205	1,135	-105	40	135
Asia	3,335	685	1,585	-1,080	2,180	2,670	945	765	-165	1,125	690	-260	815	-915	1,050
Middle East	525	-400	175	615	150	295	-40	50	355	-65	225	-385	105	265	220
Africa	495	175	-215	-45	605	125	55	-165	-140	375	395	120	-50	95	230
Caribbean & Guyana	1,965	375	-260	615	1,230	855	350	-20	175	340	1,110	25	-240	440	890
South & Central America	1,675	80	295	585	720	545	85	-110	205	340	1,135	-10	400	380	355
Oceania & Australia	80	20	130	-125	80	-30	25	60	-100	-15	105	-30	70	-25	90

All data regarding immigrant taxfilers are random rounded.

Source: Longitudinal Immigration Database (IMDB), Statistics Canada.

Table 1d - Canada

Total number of immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - Diff/IMDB*100

Period of Immigration	Total Immigrant Taxfilers					Male Immigrant Taxfilers					Female Immigrant Taxfilers				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Total Immigrant Taxfilers	0.6	0.6	0.3	0.1	1.6	0.6	0.8	0.2	0.0	1.7	0.6	0.5	0.4	0.3	1.4
Age at Taxation															
15 - 24	0.8	1.5	0.7	-0.8	2.8	1.0	1.4	-0.3	0.2	2.8	0.7	1.6	1.7	-2.0	2.7
25 - 34	1.2	0.3	2.2	0.1	2.2	1.4	1.6	2.4	-0.5	2.8	1.0	-1.2	2.0	0.6	1.6
35 - 49	0.2	0.4	-0.2	0.2	0.7	0.1	-0.2	-0.1	-0.1	0.7	0.4	1.0	-0.4	0.5	0.6
50 - 64	1.2	1.5	-0.1	1.1	2.4	1.0	1.7	-1.1	1.3	1.7	1.4	1.2	0.8	1.0	3.0
65 and over	-0.4	0.3	-1.3	0.0	-0.7	-0.1	1.8	-1.1	-0.8	-0.8	-0.5	-0.9	-1.5	0.7	-0.6
Education at Landing															
0-9 years of schooling	0.5	0.4	0.8	-0.3	1.9	0.8	0.9	1.7	0.0	0.7	0.2	-0.1	0.0	-0.5	2.7
10-12 years of schooling	0.8	0.0	0.5	0.5	2.1	0.8	0.6	-0.5	0.3	3.1	0.8	-0.4	1.5	0.6	1.4
13 or more years of schooling	0.5	2.2	0.2	-1.0	2.1	-0.4	-0.1	0.4	-2.4	2.1	1.5	4.7	0.1	0.4	2.3
Trade Cert./ Non-Univ. Dipl.	1.0	1.6	0.9	0.7	1.2	0.9	2.2	-0.6	1.0	1.2	1.1	0.8	2.6	0.3	1.1
Bachelor's degree	0.1	0.9	-2.9	0.4	0.8	0.0	0.1	-2.8	0.2	1.0	0.2	2.2	-3.1	0.7	0.5
Master's degree / Doctorate	0.5	-1.4	-2.5	0.8	1.6	0.5	-3.1	0.7	-1.1	2.2	0.6	3.7	-8.9	4.6	0.5
Language Ability at Landing															
English	0.8	0.9	-0.1	0.3	2.0	0.8	1.1	-0.4	0.1	2.1	0.8	0.6	0.1	0.5	1.9
French	0.9	0.7	-2.3	-0.3	5.5	0.6	0.7	-3.6	0.2	4.3	1.3	0.7	-0.9	-1.0	6.6
Both English and French	1.2	-0.2	-0.5	0.4	4.7	0.0	-2.9	-4.5	0.0	5.2	2.7	2.2	4.1	0.8	3.9
No official language ability	0.3	0.5	1.0	0.0	0.0	0.4	0.8	1.5	-0.2	-0.2	0.2	0.2	0.5	0.1	0.1
Category of Immigration															
Family	0.5	0.9	0.0	0.1	1.1	0.5	1.7	0.1	0.1	0.8	0.4	0.4	-0.1	0.1	1.4
Business (P.A.)	-1.2	3.5	-2.2	-1.7	-1.3	-1.3	4.3	-2.3	-2.8	-0.3	-0.2	-5.3	-1.8	4.9	-6.7
Skilled Worker (P.A.)	1.0	1.5	-0.6	-0.8	2.6	0.5	0.9	-0.6	-1.6	2.0	2.1	3.0	-0.7	0.9	4.3
Other Economic	0.8	0.1	1.6	0.9	0.4	1.1	1.4	1.6	1.0	0.6	0.5	-0.8	1.5	0.7	0.3
Refugee	0.8	0.0	0.2	-0.2	3.6	0.5	-1.4	0.6	-0.6	4.4	1.1	2.3	-0.3	0.4	2.6
Other	0.6	-0.1	-0.3	0.4	3.1	1.1	4.2	-2.0	1.6	4.5	0.2	-1.4	1.1	-0.6	2.4
Country of Last Permanent Residence (CLPR)															
Hong Kong	0.0	2.9	1.7	-1.2	-0.1	-0.5	3.3	0.9	-1.4	-1.4	0.5	2.1	2.6	-1.0	1.1
India	-0.5	-0.6	0.7	0.0	-1.6	0.5	2.2	3.6	0.2	-1.6	-1.5	-3.3	-2.2	-0.2	-1.5
Philippines	0.7	0.2	0.5	0.7	1.2	1.2	3.1	-2.8	3.2	0.1	0.4	-2.2	2.8	-0.7	2.1
Vietnam	-0.4	-0.7	1.2	-1.0	-2.3	-0.1	-1.0	3.0	-2.0	1.0	-0.8	-0.3	-1.2	0.0	-3.6
China	1.3	2.3	2.9	-0.1	1.8	1.3	4.2	3.6	-0.2	1.4	1.4	0.6	2.4	0.1	2.3
Other	0.8	0.8	-0.1	0.4	2.4	0.7	0.5	-0.4	0.0	2.9	1.0	1.0	0.2	0.8	2.0
World Areas (CLPR)															
North America	1.3	-0.4	-2.5	4.9	4.9	-0.1	-3.0	-0.3	-0.4	4.8	2.3	1.3	-4.0	8.3	4.9
Europe	0.5	1.2	-0.4	-0.2	1.8	0.4	-0.1	-0.5	-0.5	3.2	0.6	2.5	-0.2	0.1	0.3
Asia	0.4	0.5	1.0	-0.3	0.9	0.6	1.4	1.0	-0.1	0.9	0.2	-0.4	1.1	-0.6	0.8
Middle East	0.5	-4.5	0.9	1.5	0.5	0.5	-0.8	0.4	1.6	-0.4	0.5	-9.5	1.2	1.5	1.6
Africa	0.4	1.4	-0.9	-0.1	1.9	0.2	0.8	-1.3	-0.6	2.3	0.8	2.2	-0.5	0.5	1.6
Caribbean & Guyana	1.3	1.2	-0.6	1.2	5.3	1.3	2.6	-0.1	0.8	3.1	1.3	0.1	-0.9	1.6	7.3
South & Central America	1.9	0.6	1.2	1.6	6.6	1.2	1.2	-0.9	1.0	6.3	2.6	-0.1	3.3	2.1	6.4
Oceania & Australia	0.4	0.5	3.9	-1.8	2.0	-0.3	1.4	3.8	-2.8	-0.7	1.2	-1.5	3.9	-0.7	4.8

All data regarding immigrant taxfilers are random rounded.

Source: Longitudinal Immigration Database (IMDB), Statistics Canada.

Table 2a - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year IMDB

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Total Immigrant Taxfilers	1,181,260	203,885	259,290	424,375	293,705	66.9	66.4	68.2	67.0	66.2	24,552	31,668	27,339	22,670	19,871
Age at Taxation															
15 - 24	170,475	22,290	36,890	63,765	47,525	80.4	88.0	85.1	79.0	76.0	10,203	11,577	10,334	9,809	9,987
25 - 34	323,330	37,750	58,950	121,390	105,245	76.1	83.4	78.8	75.1	73.6	23,899	28,653	25,572	23,140	22,131
35 - 49	543,610	106,685	129,335	192,330	115,260	72.5	76.7	75.0	72.7	66.2	29,112	35,325	32,405	27,139	22,958
50 - 64	131,585	35,115	32,090	41,615	22,760	56.2	65.2	59.6	51.5	49.8	27,057	37,306	30,461	21,892	15,885
65 and over	12,265	2,050	2,025	5,275	2,910	8.6	4.7	5.6	11.6	15.7	12,221	18,669	15,534	10,490	8,511
Education at Landing															
0-9 years of schooling	352,435	90,090	96,115	118,810	47,415	62.5	63.5	65.1	61.2	59.1	17,278	23,281	18,377	14,248	11,238
10-12 years of schooling	296,570	43,735	62,490	118,750	71,590	66.9	67.1	69.0	67.4	64.1	21,682	30,435	26,421	20,036	14,927
13 or more years of schooling	105,560	14,925	21,635	42,100	26,895	70.8	71.5	71.0	71.1	69.7	26,906	38,024	32,090	25,616	18,584
Trade Cert./ Non-Univ. Dipl.	204,895	33,255	45,140	74,045	52,445	69.2	68.6	70.1	70.1	67.5	28,132	38,387	32,710	26,331	20,232
Bachelor's degree	172,930	16,680	26,990	56,755	72,510	70.5	70.5	71.0	71.4	69.6	33,198	50,861	41,229	32,965	26,328
Master's degree / Doctorate	48,875	5,195	6,915	13,905	22,850	73.6	74.5	74.4	74.6	72.6	43,735	64,587	56,056	46,676	33,474
Language Ability at Landing															
English	637,410	97,275	132,155	232,580	175,400	71.5	70.9	72.9	72.4	69.9	27,795	36,584	31,309	25,859	22,841
French	52,215	11,060	10,035	18,305	12,810	65.8	63.2	65.5	67.0	66.6	20,316	23,943	22,096	19,201	17,385
Both English and French	47,485	6,685	9,700	18,390	12,710	70.7	66.7	68.8	70.7	74.6	32,964	42,651	36,540	30,727	28,375
No official language ability	444,150	88,865	107,400	155,100	92,790	61.1	62.5	63.3	60.0	59.2	19,496	26,422	22,113	17,340	13,435
Category of Immigration															
Family	423,180	73,335	87,200	163,585	99,060	63.7	58.3	62.1	65.5	66.7	21,953	29,633	25,229	20,278	16,151
Business (P.A.)	20,295	2,045	4,685	8,400	5,160	41.3	41.6	47.1	41.4	36.9	25,847	35,001	32,601	26,023	15,806
Skilled Worker (P.A.)	155,980	24,550	27,245	40,100	64,090	76.8	74.5	75.6	78.4	77.3	39,326	51,707	44,459	39,514	32,283
Other Economic	281,510	54,975	65,335	89,245	71,950	68.3	75.6	74.4	67.5	60.1	21,957	27,349	24,153	20,757	17,331
Refugee	198,255	46,130	53,185	61,585	37,355	68.4	71.9	71.7	66.9	62.7	23,321	29,475	26,094	21,150	15,352
Other	102,040	2,860	21,635	61,445	16,090	70.1	44.5	67.6	69.9	83.7	22,040	27,827	25,830	21,887	16,498
Country of Last Permanent Residence (CLPR)															
Hong Kong	70,610	7,500	14,960	31,465	16,690	47.5	49.0	55.4	45.8	44.3	23,515	35,152	30,674	20,847	16,895
India	103,815	12,140	16,935	35,575	39,170	71.0	58.2	64.7	72.2	78.3	20,870	29,946	24,530	19,685	17,552
Philippines	103,525	10,725	18,970	46,580	27,250	83.2	70.1	80.6	85.2	88.2	22,930	30,517	26,672	21,894	19,108
Vietnam	58,225	24,335	15,470	14,550	3,870	66.9	69.1	65.8	64.0	69.9	24,190	28,203	24,713	19,192	15,660
China	57,305	4,885	3,805	20,410	28,200	66.3	57.3	54.4	69.4	68.0	21,023	21,987	22,780	23,939	18,508
Other	787,775	144,305	189,150	275,805	178,515	67.2	68.1	69.3	67.5	64.1	25,627	32,629	27,700	23,483	21,081
World Areas (CLPR)															
North America	32,265	9,970	8,185	8,510	5,600	64.5	65.1	61.9	64.8	67.2	33,900	35,288	33,327	33,256	33,246
Europe	290,910	67,420	69,325	91,935	62,235	71.8	70.8	72.0	72.8	71.2	29,497	35,742	30,717	27,424	24,435
Asia	537,650	78,975	100,165	199,615	158,890	63.7	62.6	64.3	63.7	63.8	22,117	29,361	25,999	20,789	17,738
Middle East	55,435	5,250	11,750	21,995	16,440	56.2	59.2	58.7	54.6	55.8	22,537	31,214	25,247	21,060	19,805
Africa	75,525	8,310	16,635	29,975	20,615	67.6	68.3	72.1	66.3	65.7	25,249	35,576	30,036	23,157	20,267
Caribbean & Guyana	113,420	21,545	33,335	39,550	18,995	76.2	68.5	75.4	78.9	82.0	22,771	27,258	24,861	21,048	17,603
South & Central America	62,315	9,750	17,520	27,320	7,720	71.5	69.1	71.7	72.5	70.5	20,944	24,568	22,010	19,469	19,164
Oceania & Australia	13,740	2,665	2,375	5,475	3,220	75.3	71.2	70.8	77.3	78.9	28,538	33,742	30,201	26,452	26,551

Table 2a - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year IMDB - continued

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Male Immigrant Taxfilers	633,480	109,300	137,975	224,230	161,980	71.5	70.9	71.6	71.0	72.7	29,200	37,936	32,255	26,821	23,996
Age at Taxation															
15 - 24	87,850	11,560	19,165	33,485	23,640	82.3	88.3	85.7	80.3	80.0	11,252	12,522	11,267	10,886	11,137
25 - 34	168,490	19,990	30,590	61,300	56,610	82.0	85.5	82.1	80.5	82.5	28,291	32,524	29,733	27,665	26,695
35 - 49	294,310	56,255	68,855	102,545	66,655	75.8	79.1	77.1	75.8	72.1	34,653	42,726	38,481	32,241	27,597
50 - 64	75,545	20,190	18,105	23,750	13,495	62.0	70.5	64.4	57.5	56.7	32,291	45,526	36,052	25,661	19,109
65 and over	7,285	1,300	1,260	3,150	1,575	11.5	7.3	8.1	14.6	18.7	14,301	22,007	17,859	12,082	9,522
Education at Landing															
0-9 years of schooling	187,815	48,010	51,540	63,830	24,435	71.3	71.8	73.0	69.8	70.5	20,235	26,991	21,501	16,816	13,221
10-12 years of schooling	146,560	20,705	30,345	58,915	36,595	70.9	69.0	70.9	71.0	71.8	25,544	36,955	31,196	23,490	17,708
13 or more years of schooling	55,945	7,905	11,690	22,400	13,950	72.3	72.4	71.0	72.1	73.8	31,616	45,009	37,284	29,817	22,167
Trade Cert./ Non-Univ. Dipl.	110,385	19,225	24,645	38,455	28,050	71.0	69.7	70.4	71.0	72.4	33,562	45,722	38,217	31,084	24,533
Bachelor's degree	99,015	9,845	15,090	31,145	42,935	72.0	70.5	70.0	71.2	73.7	38,812	60,085	48,118	38,538	30,864
Master's degree / Doctorate	33,770	3,615	4,650	9,490	16,005	75.1	75.4	74.8	75.2	75.0	48,485	71,732	62,612	51,987	37,052
Language Ability at Landing															
English	340,075	49,720	68,555	121,115	100,680	74.2	73.5	74.4	74.2	74.4	33,041	45,220	37,101	30,656	27,132
French	29,740	5,735	5,570	10,570	7,870	71.8	67.4	70.2	73.1	74.9	23,343	27,959	25,679	21,966	20,178
Both English and French	27,655	3,615	5,465	10,965	7,615	72.8	67.6	69.6	72.7	78.2	37,710	50,858	41,589	34,789	32,891
No official language ability	236,015	50,235	58,380	81,580	45,810	67.9	69.2	68.9	66.3	68.1	23,406	30,935	26,318	20,685	16,283
Category of Immigration															
Family	208,255	35,160	41,665	81,965	49,460	71.3	64.5	68.7	73.2	76.3	26,323	35,707	30,402	24,311	19,553
Business (P.A.)	17,200	1,820	3,910	7,045	4,425	40.8	40.9	45.9	40.7	37.2	26,326	35,942	33,335	26,258	16,291
Skilled Worker (P.A.)	111,815	18,350	18,370	26,690	48,405	77.3	76.5	75.2	78.1	78.0	43,593	58,254	50,070	44,951	34,828
Other Economic	126,300	24,200	30,410	40,895	30,800	74.3	79.6	78.3	72.4	69.4	25,591	31,582	27,643	23,907	21,095
Refugee	127,145	29,440	34,105	39,850	23,745	73.3	75.2	74.5	72.3	71.2	26,544	33,279	29,798	24,053	17,699
Other	42,770	330	9,520	27,780	5,140	67.6	21.1	65.9	67.9	80.9	25,286	38,108	29,076	25,210	17,853
Country of Last Permanent Residence (CLPR)															
Hong Kong	38,265	4,170	8,180	16,905	9,015	50.9	55.2	57.7	48.3	48.8	26,802	40,303	34,632	23,556	19,542
India	55,810	6,535	8,565	19,385	21,330	74.5	60.3	65.5	75.8	84.0	25,515	36,663	30,214	23,866	21,712
Philippines	42,465	5,200	7,855	17,030	12,380	86.7	76.0	83.2	88.0	92.8	26,258	33,720	29,631	25,285	22,321
Vietnam	36,005	15,575	10,270	8,620	1,535	74.1	74.8	74.0	72.5	77.9	27,627	31,739	27,591	21,698	19,452
China	28,685	2,500	1,725	9,995	14,470	70.1	62.2	56.8	71.8	72.6	24,545	24,233	26,714	27,941	21,995
Other	432,250	75,325	101,380	152,305	103,250	72.4	72.4	72.9	72.5	71.8	30,617	39,942	33,005	27,947	25,406
World Areas (CLPR)															
North America	14,220	4,040	3,445	3,980	2,755	70.0	69.1	66.8	71.9	73.4	42,685	45,088	41,668	42,005	41,411
Europe	156,245	36,225	37,470	47,955	34,590	75.2	73.9	74.7	75.6	76.3	36,600	44,611	37,783	34,087	30,412
Asia	287,390	44,865	54,300	102,400	85,820	68.1	68.2	67.8	66.7	70.0	25,737	33,756	29,737	23,972	21,121
Middle East	34,320	3,005	7,155	13,755	10,405	62.2	62.2	61.9	60.5	64.9	25,876	36,816	28,772	24,077	23,100
Africa	45,055	4,750	9,710	18,075	12,520	73.9	71.6	74.1	73.4	75.4	29,489	41,974	34,814	27,094	24,079
Caribbean & Guyana	53,895	9,850	15,050	19,265	9,725	81.9	74.3	80.5	84.5	88.0	26,549	31,940	28,873	24,742	21,076
South & Central America	35,065	5,220	9,690	15,855	4,295	79.3	75.3	79.1	80.5	80.1	24,974	29,341	26,221	23,100	23,764
Oceania & Australia	7,290	1,335	1,150	2,945	1,865	79.5	75.4	73.7	81.2	84.4	34,572	41,677	37,952	31,772	31,832

Table 2a - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year IMDB - concluded

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Female Immigrant Taxfilers	547,775	94,585	121,315	200,140	131,730	62.3	61.8	64.6	63.1	59.6	19,177	24,425	21,749	18,019	14,799
Age at Taxation															
15 - 24	82,630	10,730	17,725	30,280	23,890	78.5	87.6	84.4	77.5	72.4	9,088	10,559	9,325	8,618	8,848
25 - 34	154,835	17,755	28,360	60,090	48,630	70.6	81.1	75.6	70.2	65.5	19,120	24,295	21,084	18,525	16,819
35 - 49	249,300	50,430	60,480	89,785	48,605	68.9	74.2	72.8	69.4	59.5	22,570	27,071	25,488	21,311	16,596
50 - 64	56,040	14,925	13,985	17,860	9,270	49.9	59.2	54.3	45.2	42.3	20,001	26,185	23,225	16,882	11,190
65 and over	4,970	750	765	2,120	1,335	6.2	2.9	3.7	8.9	13.2	9,172	12,861	11,700	8,129	7,319
Education at Landing															
0-9 years of schooling	164,615	42,080	44,575	54,980	22,975	54.8	56.1	57.8	53.6	50.4	13,905	19,048	14,766	11,267	9,130
10-12 years of schooling	150,005	23,035	32,140	59,840	34,995	63.4	65.5	67.3	64.2	57.6	17,908	24,573	21,912	16,636	12,019
13 or more years of schooling	49,615	7,030	9,945	19,700	12,950	69.1	70.7	71.0	69.9	65.8	21,595	30,170	25,981	20,838	14,724
Trade Cert./ Non-Univ. Dipl.	94,510	14,025	20,495	35,595	24,395	67.1	67.0	69.9	69.1	62.6	21,791	28,333	26,088	21,196	15,286
Bachelor's degree	73,920	6,835	11,900	25,615	29,570	68.5	70.5	72.3	71.6	64.4	25,678	37,584	32,494	26,188	19,741
Master's degree / Doctorate	15,105	1,580	2,265	4,420	6,845	70.5	72.5	73.5	73.4	67.4	33,114	48,244	42,571	35,266	25,103
Language Ability at Landing															
English	297,330	47,550	63,595	111,465	74,720	68.7	68.3	71.3	70.5	64.7	21,796	27,554	25,066	20,648	17,060
French	22,475	5,330	4,470	7,745	4,935	59.2	59.3	60.6	60.2	56.5	16,311	19,623	17,628	15,427	12,931
Both English and French	19,835	3,075	4,235	7,420	5,100	68.0	65.7	67.7	68.0	69.8	26,346	32,998	30,028	24,727	21,634
No official language ability	208,135	38,630	49,015	73,510	46,975	54.9	55.5	57.7	54.3	52.5	15,062	20,553	17,105	13,629	10,657
Category of Immigration															
Family	214,930	38,175	45,540	81,615	49,600	57.7	53.5	57.1	59.2	59.2	17,719	24,039	20,496	16,228	12,758
Business (P.A.)	3,095	225	780	1,355	735	44.5	47.4	54.5	45.6	35.3	23,187	27,358	28,918	24,796	12,889
Skilled Worker (P.A.)	44,165	6,200	8,875	13,410	15,680	75.6	69.3	76.2	78.9	75.3	28,522	32,331	32,844	28,693	24,425
Other Economic	155,210	30,775	34,930	48,350	41,155	64.1	72.7	71.3	63.9	54.6	18,999	24,020	21,115	18,093	14,513
Refugee	71,110	16,685	19,085	21,735	13,610	61.0	66.6	67.1	58.8	51.9	17,559	22,763	19,475	15,828	11,256
Other	59,265	2,530	12,115	33,670	10,950	72.0	52.2	69.0	71.6	85.1	19,697	26,486	23,279	19,146	15,863
Country of Last Permanent Residence (CLPR)															
Hong Kong	32,345	3,330	6,780	14,555	7,670	44.0	43.0	52.8	43.1	40.0	19,625	28,704	25,901	17,702	13,785
India	48,005	5,600	8,370	16,185	17,840	67.2	55.9	63.8	68.3	72.5	15,470	22,109	18,717	14,679	12,580
Philippines	61,065	5,525	11,115	29,550	14,875	81.0	65.3	78.8	83.7	84.7	20,615	27,504	24,579	19,941	16,436
Vietnam	22,220	8,755	5,200	5,930	2,330	57.8	60.9	54.0	54.6	65.3	18,620	21,912	19,028	15,548	13,160
China	28,620	2,390	2,080	10,420	13,730	62.9	53.1	52.4	67.3	63.7	17,493	19,640	19,522	20,100	14,834
Other	355,525	68,985	87,770	123,500	75,275	61.9	64.0	65.5	62.3	55.9	19,560	24,644	21,573	17,977	15,149
World Areas (CLPR)															
North America	18,045	5,925	4,740	4,530	2,845	60.7	62.6	58.8	59.6	62.2	26,976	28,606	27,261	25,566	25,347
Europe	134,665	31,195	31,855	43,980	27,640	68.3	67.4	69.1	70.0	65.6	21,256	25,443	22,405	20,159	16,954
Asia	250,255	34,110	45,865	97,215	73,065	59.2	56.6	60.6	60.7	57.7	17,959	23,580	21,573	17,435	13,765
Middle East	21,115	2,240	4,595	8,245	6,035	48.5	55.5	54.2	47.0	44.9	17,110	23,702	19,759	16,026	14,124
Africa	30,475	3,555	6,925	11,900	8,095	60.0	64.1	69.6	57.9	54.8	18,981	27,031	23,335	17,176	14,373
Caribbean & Guyana	59,525	11,695	18,280	20,280	9,265	71.6	64.2	71.7	74.2	76.5	19,351	23,315	21,559	17,538	13,956
South & Central America	27,250	4,525	7,835	11,460	3,425	63.4	63.1	64.2	63.6	61.3	15,758	19,061	16,802	14,445	13,393
Oceania & Australia	6,445	1,330	1,225	2,530	1,360	70.9	67.5	68.4	73.3	72.9	21,709	25,807	22,924	20,251	19,302

* Average employment earnings for individuals who reported employment earnings.

All data regarding immigrant taxfilers are random rounded.

Source: Longitudinal Immigration Database (IMDB), Statistics Canada.

Table 2b - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - LAD_IMDB

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Total Immigrant Taxfilers	1,173,775	202,775	258,475	424,400	288,100	66.9	66.4	68.1	67.1	65.9	24,600	31,800	27,600	22,700	19,900
Age at Taxation															
15 - 24	169,550	22,025	36,675	64,725	46,100	80.6	88.2	85.1	79.4	75.8	10,200	11,600	10,400	9,900	10,000
25 - 34	318,925	37,600	57,525	121,375	102,400	75.9	83.2	78.6	75.1	73.2	24,000	28,700	25,800	23,300	22,000
35 - 49	542,675	106,350	130,050	192,275	114,000	72.5	76.7	75.2	72.7	65.8	29,200	35,400	32,600	27,100	23,000
50 - 64	130,075	34,650	31,975	40,925	22,500	56.1	65.3	59.2	51.2	50.4	27,300	38,000	30,700	21,600	16,200
65 and over	12,575	2,150	2,250	5,100	3,100	8.7	4.9	6.1	11.2	16.5	12,200	18,600	16,000	10,200	8,400
Education at Landing															
0-9 years of schooling	351,400	90,025	95,350	119,525	46,525	62.6	63.6	65.1	61.4	59.0	17,300	23,300	18,400	14,200	11,200
10-12 years of schooling	292,425	43,450	62,025	118,025	68,925	66.5	66.7	68.8	67.3	63.0	21,800	30,300	26,800	20,100	15,000
13 or more years of schooling	105,300	14,600	21,675	42,625	26,400	70.9	71.5	71.2	71.2	69.8	26,800	37,900	32,200	25,400	18,400
Trade Cert./ Non-Univ. Dipl.	203,975	32,750	44,925	74,175	52,150	69.5	68.6	70.4	70.6	67.8	28,200	38,500	33,200	26,200	20,300
Bachelor's degree	171,800	16,475	27,450	56,250	71,625	70.0	70.3	70.2	71.0	69.2	33,500	52,000	41,400	33,200	26,400
Master's degree / Doctorate	48,875	5,475	7,050	13,825	22,525	73.9	77.3	74.0	74.7	72.7	44,000	67,000	55,100	47,100	33,100
Language Ability at Landing															
English	632,375	96,500	132,275	232,425	171,150	71.5	70.9	72.8	72.5	69.6	27,900	36,900	31,500	25,800	22,800
French	51,750	10,775	10,250	18,575	12,150	65.7	62.0	65.3	67.7	66.8	20,500	24,400	22,000	18,900	18,000
Both English and French	46,975	6,875	9,875	18,100	12,125	70.7	68.4	69.6	69.8	74.6	33,300	43,200	37,200	30,900	28,100
No official language ability	442,675	88,650	106,050	155,300	92,675	61.0	62.6	63.1	60.0	59.0	19,600	26,400	22,400	17,400	13,600
Category of Immigration															
Family	421,100	72,425	87,350	163,900	97,450	63.6	58.0	62.2	65.7	66.3	22,000	29,700	25,200	20,400	16,200
Business (P.A.)	20,250	1,825	4,750	8,400	5,275	40.7	38.4	46.6	40.7	37.2	25,800	35,700	33,300	25,700	15,900
Skilled Worker (P.A.)	154,650	24,575	27,250	40,250	62,575	76.9	75.7	75.1	78.0	77.5	39,400	52,400	44,900	39,300	32,000
Other Economic	279,150	54,850	64,125	89,050	71,125	68.2	75.5	74.1	67.9	59.6	22,100	27,300	24,500	20,700	17,500
Refugee	197,300	46,300	53,100	61,850	36,050	68.5	72.1	71.7	67.1	62.7	23,500	29,600	26,400	21,100	15,500
Other	101,350	2,850	21,900	60,975	15,625	70.0	44.3	68.1	69.6	83.8	22,100	29,500	26,100	21,800	16,500
Country of Last Permanent Residence (CLPR)															
Hong Kong	70,500	7,100	14,550	32,325	16,550	47.4	47.8	54.8	46.4	43.9	23,500	35,800	30,800	20,900	16,900
India	103,575	12,350	16,525	35,300	39,400	70.4	58.8	63.5	71.6	77.5	21,100	30,500	24,700	19,900	17,600
Philippines	102,900	10,650	18,900	46,300	27,050	83.3	69.7	80.6	85.3	88.6	22,900	30,600	26,900	21,800	19,100
Vietnam	58,425	24,450	15,375	14,700	3,900	66.8	68.9	66.2	63.9	68.7	24,200	27,900	25,000	19,300	15,800
China	56,850	4,975	3,650	20,450	27,750	66.6	59.7	53.6	69.4	68.1	21,000	21,900	22,800	23,700	18,500
Other	781,525	143,250	189,500	275,325	173,475	67.2	68.1	69.3	67.6	63.8	25,700	32,800	28,000	23,400	21,100
World Areas (CLPR)															
North America	32,050	10,175	8,425	8,150	5,325	64.9	66.1	62.1	65.2	67.1	34,600	35,700	34,000	34,800	33,400
Europe	289,525	66,675	70,075	92,025	60,775	71.8	70.7	72.5	72.7	70.8	29,600	36,300	31,000	27,400	24,100
Asia	534,450	78,675	98,675	200,200	156,900	63.5	62.7	63.9	63.6	63.5	22,200	29,400	26,300	20,800	17,800
Middle East	54,875	5,300	11,550	21,450	16,575	55.9	57.1	58.1	54.0	56.5	22,600	30,500	26,300	20,800	19,800
Africa	75,675	8,350	16,500	30,475	20,325	67.9	69.5	70.8	67.3	66.0	25,200	34,500	30,400	23,100	20,400
Caribbean & Guyana	111,900	21,175	33,475	39,275	17,975	76.1	68.0	75.3	79.3	81.9	22,700	27,100	24,500	21,000	17,700
South & Central America	61,525	9,725	17,475	27,200	7,125	71.9	69.3	72.3	73.3	69.6	21,100	24,900	22,300	19,200	19,800
Oceania & Australia	13,750	2,700	2,300	5,650	3,125	75.6	72.4	71.3	78.4	78.1	28,200	33,500	28,800	26,200	27,100

Table 2b - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - LAD_IMDB - continued

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Male Immigrant Taxfilers	630,400	109,025	137,775	224,025	159,575	71.6	71.3	71.6	70.9	72.8	29,300	38,200	32,400	26,800	23,900
Age at Taxation															
15 - 24	87,575	11,450	19,400	33,600	23,125	82.9	88.7	86.5	80.7	80.5	11,300	12,500	11,400	11,000	11,200
25 - 34	166,300	19,725	29,825	61,675	55,075	82.1	85.7	81.9	80.6	82.5	28,400	32,600	30,200	27,900	26,600
35 - 49	294,550	56,375	69,150	102,700	66,325	75.9	79.0	77.3	75.8	72.2	34,700	42,900	38,600	32,300	27,400
50 - 64	74,575	20,125	18,000	23,075	13,375	61.7	71.4	63.3	56.6	57.2	32,500	46,500	36,200	25,000	19,800
65 and over	7,400	1,325	1,425	2,950	1,675	11.6	7.5	9.0	13.6	19.7	14,100	21,800	17,800	11,500	9,400
Education at Landing															
0-9 years of schooling	187,350	48,050	51,150	63,850	24,325	71.6	72.5	73.7	69.8	70.6	20,200	27,000	21,500	16,800	13,100
10-12 years of schooling	144,475	20,500	30,275	58,450	35,250	70.4	68.7	70.3	70.6	71.3	25,600	36,200	31,400	23,500	17,800
13 or more years of schooling	56,375	7,925	11,725	22,850	13,900	72.6	72.5	71.4	71.8	75.1	31,400	44,700	37,100	29,600	21,900
Trade Cert./ Non-Univ. Dipl.	109,875	18,775	24,925	38,275	27,900	71.3	69.6	70.7	71.4	72.9	33,600	46,200	38,600	30,800	24,400
Bachelor's degree	98,375	9,875	15,125	30,900	42,450	71.5	70.7	68.2	70.7	73.6	39,200	62,500	48,600	38,700	30,900
Master's degree / Doctorate	33,950	3,925	4,575	9,725	15,750	75.8	79.2	74.0	76.1	75.4	49,100	74,400	62,800	52,700	36,700
Language Ability at Landing															
English	337,850	49,225	68,625	120,875	99,125	74.2	73.6	74.2	74.0	74.8	33,100	45,800	37,200	30,600	27,000
French	29,600	5,600	5,825	10,650	7,550	71.9	66.2	70.8	73.8	75.1	23,600	28,500	25,000	22,000	21,000
Both English and French	27,525	3,800	5,750	10,825	7,150	72.4	69.0	70.1	71.8	77.5	38,300	52,100	41,900	35,100	32,700
No official language ability	235,425	50,400	57,575	81,675	45,750	68.0	69.9	69.0	66.2	67.8	23,500	30,900	26,600	20,800	16,500
Category of Immigration															
Family	207,225	34,425	41,800	81,875	49,125	71.3	64.1	69.0	73.1	76.4	26,400	35,700	30,400	24,500	19,500
Business (P.A.)	16,975	1,600	3,900	7,025	4,475	39.7	37.6	44.6	39.4	37.5	26,200	37,100	33,900	25,700	16,300
Skilled Worker (P.A.)	111,725	18,525	18,325	27,175	47,675	77.6	77.9	74.6	78.2	78.3	43,700	59,600	50,500	44,500	34,500
Other Economic	125,100	24,000	29,900	40,600	30,575	74.3	80.0	78.2	72.5	69.3	25,700	31,600	27,700	24,000	21,300
Refugee	127,050	30,150	33,975	40,150	22,775	73.6	75.8	74.6	72.4	71.4	26,700	33,300	30,100	24,000	17,800
Other	42,300	325	9,850	27,200	4,950	67.5	21.6	66.7	67.5	81.4	25,200	43,600	29,400	24,800	17,700
Country of Last Permanent Residence (CLPR)															
Hong Kong	38,450	4,025	8,100	17,200	9,125	50.9	55.1	57.6	48.4	48.7	26,900	41,800	34,800	23,700	19,500
India	55,300	6,500	8,025	19,275	21,500	74.2	61.3	63.6	75.5	83.3	25,700	37,700	30,800	24,100	21,600
Philippines	42,050	4,950	8,075	16,550	12,450	86.8	74.7	83.2	88.2	93.4	26,200	33,500	30,000	25,300	22,000
Vietnam	36,300	15,775	10,150	8,850	1,525	74.6	74.9	75.4	72.9	78.2	27,500	31,300	27,900	21,700	19,900
China	28,600	2,550	1,675	10,025	14,375	70.8	66.2	57.2	71.8	73.1	24,600	23,900	27,500	27,900	22,100
Other	429,675	75,200	101,775	152,100	100,600	72.4	72.6	72.9	72.3	72.0	30,700	40,300	33,100	27,900	25,400
World Areas (CLPR)															
North America	14,325	4,250	3,450	3,950	2,675	70.4	70.5	66.6	71.1	74.8	43,300	44,700	42,800	44,100	40,400
Europe	155,575	36,250	38,050	48,100	33,175	75.1	73.9	75.4	75.4	75.6	36,900	45,500	37,800	34,200	30,300
Asia	285,825	44,575	53,625	102,250	85,350	68.1	68.7	67.5	66.5	70.3	25,900	33,900	30,200	24,000	21,200
Middle East	33,900	2,850	7,000	13,425	10,625	61.8	58.4	60.8	60.0	65.9	25,800	36,400	29,700	23,800	22,900
Africa	45,000	4,800	9,500	18,350	12,375	73.9	73.0	71.5	74.0	76.2	29,300	40,500	34,800	27,000	24,000
Caribbean & Guyana	53,425	9,675	15,075	19,125	9,550	82.2	75.0	80.5	84.5	89.2	26,300	31,700	28,400	24,500	20,900
South & Central America	34,900	5,250	9,900	15,775	3,975	79.9	76.6	80.1	81.0	79.1	25,000	29,900	26,000	22,700	24,800
Oceania & Australia	7,425	1,350	1,150	3,075	1,850	80.7	77.1	76.6	82.5	83.1	34,200	41,400	35,200	31,200	33,200

Table 2b - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - LAD_IMDB - concluded

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Female Immigrant Taxfilers	543,375	93,750	120,725	200,375	128,525	62.2	61.5	64.5	63.3	58.9	19,200	24,400	22,100	18,000	14,800
Age at Taxation															
15 - 24	81,975	10,575	17,300	31,125	22,975	78.3	87.7	83.8	78.1	71.5	9,100	10,600	9,400	8,700	8,800
25 - 34	152,625	17,875	27,725	59,700	47,325	70.2	80.7	75.3	70.1	64.7	19,100	24,400	21,100	18,500	16,800
35 - 49	248,125	49,950	60,900	89,575	47,675	68.8	74.3	73.0	69.6	58.6	22,700	26,900	25,800	21,200	16,800
50 - 64	55,475	14,525	13,975	17,850	9,125	50.0	58.3	54.7	45.6	42.9	20,100	26,200	23,600	17,200	11,100
65 and over	5,200	800	825	2,125	1,425	6.4	3.0	3.9	8.9	13.9	9,600	13,400	13,000	8,400	7,300
Education at Landing															
0-9 years of schooling	164,050	41,975	44,200	55,675	22,200	54.7	55.8	57.3	53.9	50.0	13,900	19,100	14,800	11,300	9,200
10-12 years of schooling	147,950	22,950	31,750	59,575	33,675	63.0	65.0	67.4	64.3	56.2	18,100	24,900	22,500	16,700	12,000
13 or more years of schooling	48,925	6,700	9,950	19,775	12,500	69.1	70.7	71.0	70.4	64.9	21,500	30,000	26,400	20,600	14,600
Trade Cert./ Non-Univ. Dipl.	94,125	13,975	20,000	35,900	24,225	67.5	67.2	69.9	69.8	62.8	21,900	28,200	26,400	21,300	15,500
Bachelor's degree	73,425	6,600	12,325	25,350	29,150	68.1	69.6	72.6	71.3	63.7	25,700	36,200	32,600	26,400	19,800
Master's degree / Doctorate	14,925	1,550	2,475	4,100	6,775	70.0	73.8	73.8	71.3	67.0	32,500	48,600	41,100	34,000	24,800
Language Ability at Landing															
English	294,500	47,250	63,675	111,550	72,025	68.6	68.2	71.4	70.9	63.5	21,900	27,600	25,300	20,600	17,200
French	22,150	5,175	4,450	7,925	4,600	59.0	57.9	59.7	60.9	56.4	16,300	20,000	18,000	14,800	13,100
Both English and French	19,450	3,050	4,125	7,275	4,975	68.5	66.6	68.7	67.2	70.8	26,300	32,100	30,600	24,700	21,600
No official language ability	207,275	38,250	48,475	73,625	46,925	54.7	55.0	57.3	54.4	52.4	15,100	20,400	17,400	13,700	10,800
Category of Immigration															
Family	213,875	37,975	45,550	82,025	48,300	57.6	53.4	57.0	59.6	58.5	17,800	24,200	20,500	16,300	12,900
Business (P.A.)	3,275	225	850	1,375	825	46.9	45.0	58.6	48.6	37.0	24,000	26,100	30,600	25,800	13,600
Skilled Worker (P.A.)	42,925	6,025	8,925	13,075	14,900	75.1	69.4	76.1	77.5	74.8	28,200	30,600	33,300	28,300	24,100
Other Economic	154,025	30,825	34,225	48,425	40,525	63.8	72.2	70.9	64.5	53.9	19,100	23,900	21,700	17,900	14,700
Refugee	70,250	16,125	19,150	21,675	13,275	60.9	65.9	67.1	58.9	51.9	17,600	22,700	19,900	15,700	11,400
Other	59,025	2,525	12,025	33,775	10,700	71.8	51.2	69.2	71.4	85.2	19,900	27,700	23,400	19,300	16,000
Country of Last Permanent Residence (CLPR)															
Hong Kong	32,050	3,050	6,450	15,125	7,425	43.8	40.2	51.6	44.3	39.1	19,400	27,900	25,700	17,900	13,600
India	48,250	5,825	8,525	16,025	17,875	66.5	56.2	63.6	67.5	71.5	15,700	22,400	19,100	14,900	12,700
Philippines	60,850	5,700	10,825	29,725	14,600	81.0	65.8	79.0	83.6	84.8	20,700	28,000	24,700	19,900	16,600
Vietnam	22,125	8,675	5,225	5,850	2,375	57.0	60.1	53.5	53.9	64.1	18,700	21,800	19,300	15,700	13,100
China	28,250	2,425	1,975	10,425	13,400	62.9	54.1	50.9	67.3	63.6	17,300	19,800	18,900	19,700	14,800
Other	351,850	68,025	87,725	123,225	72,875	61.8	63.7	65.5	62.6	55.2	19,600	24,600	22,000	17,900	15,200
World Areas (CLPR)															
North America	17,725	5,925	4,975	4,200	2,650	61.0	63.3	59.4	60.2	60.9	27,700	29,200	27,800	26,100	26,400
Europe	133,950	30,400	32,000	43,925	27,600	68.3	67.3	69.2	70.0	65.7	21,200	25,200	22,800	19,900	16,700
Asia	248,650	34,100	45,050	97,950	71,550	58.9	56.3	60.1	60.8	56.9	18,000	23,600	21,600	17,500	13,800
Middle East	20,950	2,450	4,550	8,025	5,950	48.4	55.3	54.3	46.4	44.9	17,400	23,700	21,200	15,700	14,200
Africa	30,675	3,550	7,025	12,150	7,950	60.8	65.4	70.2	59.3	54.7	19,300	26,400	24,500	17,100	14,900
Caribbean & Guyana	58,475	11,500	18,400	20,150	8,425	71.2	63.1	71.5	74.9	75.0	19,400	23,200	21,400	17,600	14,100
South & Central America	26,650	4,475	7,575	11,425	3,150	63.7	62.3	64.1	64.8	60.2	15,900	19,000	17,400	14,400	13,600
Oceania & Australia	6,325	1,350	1,150	2,550	1,275	70.4	67.5	66.6	73.3	71.8	21,300	25,500	22,400	20,000	18,200

* Average self-employment Income for individuals who reported self-employment income.

All data regarding immigrant taxfilers are random rounded.

Source: Longitudinal Immigration Database (IMDB), Statistics Canada.

Table 2c - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - IMDB minus LAD_IMDB

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Total Immigrant Taxfilers	7485	1110	815	-25	5605	0.00	0.00	0.10	-0.10	0.30	-48	-132	-261	-30	-29
Age at Taxation															
15 - 24	925	265	215	-960	1425	-0.20	-0.20	0.00	-0.40	0.20	3	-23	-66	-91	-13
25 - 34	4405	150	1425	15	2845	0.20	0.20	0.20	0.00	0.40	-101	-47	-228	-160	131
35 - 49	935	335	-715	55	1260	0.00	0.00	-0.20	0.00	0.40	-88	-75	-195	39	-42
50 - 64	1510	465	115	690	260	0.10	-0.10	0.40	0.30	-0.60	-243	-694	-239	292	-315
65 and over	-310	-100	-225	175	-190	-0.10	-0.20	-0.50	0.40	-0.80	21	69	-466	290	111
Education at Landing															
0-9 years of schooling	1035	65	765	-715	890	-0.10	-0.10	0.00	-0.20	0.10	-22	-19	-23	48	38
10-12 years of schooling	4145	285	465	725	2665	0.40	0.40	0.20	0.10	1.10	-118	135	-379	-64	-73
13 or more years of schooling	260	325	-40	-525	495	-0.10	0.00	-0.20	-0.10	-0.10	106	124	-110	216	184
Trade Cert./ Non-Univ. Dipl.	920	505	215	-130	295	-0.30	0.00	-0.30	-0.50	-0.30	-68	-113	-490	131	-68
Bachelor's degree	1130	205	-460	505	885	0.50	0.20	0.80	0.40	0.40	-302	-1139	-171	-235	-72
Master's degree / Doctorate	0	-280	-135	80	325	-0.30	-2.80	0.40	-0.10	-0.10	-265	-2413	956	-424	374
Language Ability at Landing															
English	5035	775	-120	155	4250	0.00	0.00	0.10	-0.10	0.30	-105	-316	-191	59	41
French	465	285	-215	-270	660	0.10	1.20	0.20	-0.70	-0.20	-184	-457	96	301	-615
Both English and French	510	-190	-175	290	585	0.00	-1.70	-0.80	0.90	0.00	-336	-549	-660	-173	275
No official language ability	1475	215	1350	-200	115	0.10	-0.10	0.20	0.00	0.20	-104	22	-287	-60	-165
Category of Immigration															
Family	2080	910	-150	-315	1610	0.10	0.30	-0.10	-0.20	0.40	-47	-67	29	-122	-49
Business (P.A.)	45	220	-65	0	-115	0.60	3.20	0.50	0.70	-0.30	47	-699	-699	323	-94
Skilled Worker (P.A.)	1330	-25	-5	-150	1515	-0.10	-1.20	0.50	0.40	-0.20	-74	-693	-441	214	283
Other Economic	2360	125	1210	195	825	0.10	0.10	0.30	-0.40	0.50	-143	49	-347	57	-169
Refugee	955	-170	85	-265	1305	-0.10	-0.20	0.00	-0.20	0.00	-179	-125	-306	50	-148
Other	690	10	-265	470	465	0.10	0.20	-0.50	0.30	-0.10	-60	-1673	-270	87	-2
Country of Last Permanent Residence (CLPR)															
Hong Kong	110	400	410	-860	140	0.10	1.20	0.60	-0.60	0.40	15	-648	-126	-53	-5
India	240	-210	410	275	-230	0.60	-0.60	1.20	0.60	0.80	-230	-554	-170	-215	-48
Philippines	625	75	70	280	200	-0.10	0.40	0.00	-0.10	-0.40	30	-83	-228	94	8
Vietnam	-200	-115	95	-150	-30	0.10	0.20	-0.40	0.10	1.20	-10	303	-287	-108	-140
China	455	-90	155	-40	450	-0.30	-2.40	0.80	0.00	-0.10	23	87	-20	239	8
Other	6250	1055	-350	480	5040	0.00	0.00	0.00	-0.10	0.30	-73	-171	-300	83	-19
World Areas (CLPR)															
North America	215	-205	-240	360	275	-0.40	-1.00	-0.20	-0.40	0.10	-700	-412	-673	-1544	-154
Europe	1385	745	-750	-90	1460	0.00	0.10	-0.50	0.10	0.40	-103	-558	-283	24	335
Asia	3200	300	1490	-585	1990	0.20	-0.10	0.40	0.10	0.30	-83	-39	-301	-11	-62
Middle East	560	-50	200	545	-135	0.30	2.10	0.60	0.60	-0.70	-63	714	-1053	260	5
Africa	-150	-40	135	-500	290	-0.30	-1.20	1.30	-1.00	-0.30	49	1076	-364	57	-133
Caribbean & Guyana	1520	370	-140	275	1020	0.10	0.50	0.10	-0.40	0.10	71	158	361	48	-97
South & Central America	790	25	45	120	595	-0.40	-0.20	-0.60	-0.80	0.90	-156	-332	-290	269	-636
Oceania & Australia	-10	-35	75	-175	95	-0.30	-1.20	-0.50	-1.10	0.80	338	242	1401	252	-549

Table 2c - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - IMDB minus LAD_IMDB - continued

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Male Immigrant Taxfilers	3080	275	200	205	2405	-0.10	-0.40	0.00	0.10	-0.10	-100	-264	-145	21	96
Age at Taxation															
15 - 24	275	110	-235	-115	515	-0.60	-0.40	-0.80	-0.40	-0.50	-48	22	-133	-114	-63
25 - 34	2190	265	765	-375	1535	-0.10	-0.20	0.20	-0.10	0.00	-109	-76	-467	-235	95
35 - 49	-240	-120	-295	-155	330	-0.10	0.10	-0.20	0.00	-0.10	-47	-174	-119	-59	197
50 - 64	970	65	105	675	120	0.30	-0.90	1.10	0.90	-0.50	-209	-974	-148	661	-691
65 and over	-115	-25	-165	200	-100	-0.10	-0.20	-0.90	1.00	-1.00	201	207	59	582	122
Education at Landing															
0-9 years of schooling	465	-40	390	-20	110	-0.30	-0.70	-0.70	0.00	-0.10	35	-9	1	16	121
10-12 years of schooling	2085	205	70	465	1345	0.50	0.30	0.60	0.40	0.50	-56	755	-204	-10	-92
13 or more years of schooling	-430	-20	-35	-450	50	-0.30	-0.10	-0.40	0.30	-1.30	216	309	184	217	267
Trade Cert./ Non-Univ. Dipl.	510	450	-280	180	150	-0.30	0.10	-0.30	-0.40	-0.50	-38	-478	-383	284	133
Bachelor's degree	640	-30	-35	245	485	0.50	-0.20	1.80	0.50	0.10	-388	-2415	-482	-162	-36
Master's degree / Doctorate	-180	-310	75	-235	255	-0.70	-3.80	0.80	-0.90	-0.40	-615	-2668	-188	-713	352
Language Ability at Landing															
English	2225	495	-70	240	1555	0.00	-0.10	0.20	0.20	-0.40	-59	-580	-99	56	132
French	140	135	-255	-80	320	-0.10	1.20	-0.60	-0.70	-0.20	-257	-541	679	-34	-822
Both English and French	130	-185	-285	140	465	0.40	-1.40	-0.50	0.90	0.70	-590	-1242	-311	-311	191
No official language ability	590	-165	805	-95	60	-0.10	-0.70	-0.10	0.10	0.30	-94	35	-282	-115	-217
Category of Immigration															
Family	1030	735	-135	90	335	0.00	0.40	-0.30	0.10	-0.10	-77	7	2	-189	53
Business (P.A.)	225	220	10	20	-50	1.10	3.30	1.30	1.30	-0.30	126	-1158	-565	558	-9
Skilled Worker (P.A.)	90	-175	45	-485	730	-0.30	-1.40	0.60	-0.10	-0.30	-107	-1346	-430	451	328
Other Economic	1200	200	510	295	225	0.00	-0.40	0.10	-0.10	0.10	-109	-18	-57	-93	-205
Refugee	95	-710	130	-300	970	-0.30	-0.60	-0.10	-0.10	-0.20	-156	-21	-302	53	-101
Other	470	5	-330	580	190	0.10	-0.50	-0.80	0.40	-0.50	86	-5492	-324	410	153
Country of Last Permanent Residence (CLPR)															
Hong Kong	-185	145	80	-295	-110	0.00	0.10	0.10	-0.10	0.10	-98	-1497	-168	-144	42
India	510	35	540	110	-170	0.30	-1.00	1.90	0.30	0.70	-185	-1037	-586	-234	112
Philippines	415	250	-220	480	-70	-0.10	1.30	0.00	-0.20	-0.60	58	220	-369	-15	321
Vietnam	-295	-200	120	-230	10	-0.50	-0.10	-1.40	-0.40	-0.30	127	439	-309	-2	-448
China	85	-50	50	-30	95	-0.70	-4.00	-0.40	0.00	-0.50	-55	333	-786	41	-105
Other	2575	125	-395	205	2650	0.00	-0.20	0.00	0.20	-0.20	-83	-358	-95	47	6
World Areas (CLPR)															
North America	-105	-210	-5	30	80	-0.40	-1.40	0.20	0.80	-1.40	-615	388	-1132	-2095	1011
Europe	670	-25	-580	-145	1415	0.10	0.00	-0.70	0.20	0.70	-300	-889	-17	-113	112
Asia	1565	290	675	150	470	0.00	-0.50	0.30	0.20	-0.30	-163	-144	-463	-28	-79
Middle East	420	155	155	330	-220	0.40	3.80	1.10	0.50	-1.00	76	416	-928	277	200
Africa	55	-50	210	-275	145	0.00	-1.40	2.60	-0.60	-0.80	189	1474	14	94	79
Caribbean & Guyana	470	175	-25	140	175	-0.30	-0.70	0.00	0.00	-1.20	249	240	473	242	176
South & Central America	165	-30	-210	80	320	-0.60	-1.30	-1.00	-0.50	1.00	-26	-559	221	400	-1036
Oceania & Australia	-135	-15	0	-130	15	-1.20	-1.70	-2.90	-1.30	1.30	372	277	2752	572	-1368

Table 2c - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - IMDB minus LAD_IMDB - concluded

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Female Immigrant Taxfilers	4400	835	590	-235	3205	0.10	0.30	0.10	-0.20	0.70	-23	25	-351	19	-1
Age at Taxation															
15 - 24	655	155	425	-845	915	0.20	-0.10	0.60	-0.60	0.90	-12	-41	-75	-82	48
25 - 34	2210	-120	635	390	1305	0.40	0.40	0.30	0.10	0.80	20	-105	-16	25	19
35 - 49	1175	480	-420	210	930	0.10	-0.10	-0.20	-0.20	0.90	-130	171	-312	111	-204
50 - 64	565	400	10	10	145	-0.10	0.90	-0.40	-0.40	-0.60	-99	-15	-375	-318	90
65 and over	-230	-50	-60	-5	-90	-0.20	-0.10	-0.20	0.00	-0.70	-428	-539	-1300	-271	19
Education at Landing															
0-9 years of schooling	565	105	375	-695	775	0.10	0.30	0.50	-0.30	0.40	5	-52	-34	-33	-70
10-12 years of schooling	2055	85	390	265	1320	0.40	0.50	-0.10	-0.10	1.40	-192	-327	-588	-64	19
13 or more years of schooling	690	330	-5	-75	450	0.00	0.00	0.00	-0.50	0.90	95	170	-419	238	124
Trade Cert./ Non-Univ. Dipl.	385	50	495	-305	170	-0.40	-0.20	0.00	-0.70	-0.20	-109	133	-312	-104	-214
Bachelor's degree	495	235	-425	265	420	0.40	0.90	-0.30	0.30	0.70	-22	1384	-106	-212	-59
Master's degree / Doctorate	180	30	-210	320	70	0.50	-1.30	-0.30	2.10	0.40	614	-356	1471	1266	303
Language Ability at Landing															
English	2830	300	-80	-85	2695	0.10	0.10	-0.10	-0.40	1.20	-104	-46	-234	48	-140
French	325	155	20	-180	335	0.20	1.40	0.90	-0.70	0.10	11	-377	-372	627	-169
Both English and French	385	25	110	145	125	-0.50	-0.90	-1.00	0.80	-1.00	46	898	-572	27	34
No official language ability	860	380	540	-115	50	0.20	0.50	0.40	-0.10	0.10	-38	153	-295	-71	-143
Category of Immigration															
Family	1055	200	-10	-410	1300	0.10	0.10	0.10	-0.40	0.70	-81	-161	-4	-72	-142
Business (P.A.)	-180	0	-70	-20	-90	-2.40	2.40	-4.10	-3.00	-1.70	-813	1258	-1682	-1004	-711
Skilled Worker (P.A.)	1240	175	-50	335	780	0.50	-0.10	0.10	1.40	0.50	322	1731	-456	393	325
Other Economic	1185	-50	705	-75	630	0.30	0.50	0.40	-0.60	0.70	-101	120	-585	193	-187
Refugee	860	560	-65	60	335	0.10	0.70	0.00	-0.10	0.00	-41	63	-425	128	-144
Other	240	5	90	-105	250	0.20	1.00	-0.20	0.20	-0.10	-203	-1214	-121	-154	-137
Country of Last Permanent Residence (CLPR)															
Hong Kong	295	280	330	-570	245	0.20	2.80	1.20	-1.20	0.90	225	804	201	-198	185
India	-245	-225	-155	160	-35	0.70	-0.30	0.20	0.80	1.00	-230	-291	-383	-221	-120
Philippines	215	-175	290	-175	275	0.00	-0.50	-0.20	0.10	-0.10	-85	-496	-121	41	-164
Vietnam	95	80	-25	80	-45	0.80	0.80	0.50	0.70	1.20	-80	112	-272	-152	60
China	370	-35	105	-5	330	0.00	-1.00	1.50	0.00	0.10	193	-160	622	400	34
Other	3675	960	45	275	2400	0.10	0.30	0.00	-0.30	0.70	-40	44	-427	77	-51
World Areas (CLPR)															
North America	320	0	-235	330	195	-0.30	-0.70	-0.60	-0.60	1.30	-724	-594	-539	-534	-1053
Europe	715	795	-145	55	40	0.00	0.10	-0.10	0.00	-0.10	56	243	-395	259	254
Asia	1605	10	815	-735	1515	0.30	0.30	0.50	-0.10	0.80	-41	-20	-27	-65	-35
Middle East	165	-210	45	220	85	0.10	0.20	-0.10	0.60	0.00	-290	2	-1441	326	-76
Africa	-200	5	-100	-250	145	-0.80	-1.30	-0.60	-1.40	0.10	-319	631	-1165	76	-527
Caribbean & Guyana	1050	195	-120	130	840	0.40	1.10	0.20	-0.70	1.50	-49	115	159	-62	-144
South & Central America	600	50	260	35	275	-0.30	0.80	0.10	-1.20	1.10	-142	61	-598	45	-207
Oceania & Australia	120	-20	75	-20	85	0.50	0.00	1.80	0.00	1.10	409	307	524	251	1102

* Average self-employment Income for individuals who reported self-employment income.

All data regarding immigrant taxfilers are random rounded.

Source: Longitudinal Immigration Database (IMDB), Statistics Canada.

Table 2d - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - Diff/IMDB*100

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Total Immigrant Taxfilers	0.63	0.54	0.31	-0.01	1.91	0.00	0.00	0.15	-0.15	0.45	-0.20	-0.42	-0.95	-0.13	-0.15
Age at Taxation															
15 - 24	0.54	1.19	0.58	-1.51	3.00	-0.25	-0.23	0.00	-0.51	0.26	0.03	-0.20	-0.64	-0.93	-0.13
25 - 34	1.36	0.40	2.42	0.01	2.70	0.26	0.24	0.25	0.00	0.54	-0.42	-0.16	-0.89	-0.69	0.59
35 - 49	0.17	0.31	-0.55	0.03	1.09	0.00	0.00	-0.27	0.00	0.60	-0.30	-0.21	-0.60	0.14	-0.18
50 - 64	1.15	1.32	0.36	1.66	1.14	0.18	-0.15	0.67	0.58	-1.20	-0.90	-1.86	-0.78	1.33	-1.98
65 and over	-2.53	-4.88	-11.11	3.32	-6.53	-1.16	-4.26	-8.93	3.45	-5.10	0.17	0.37	-3.00	2.76	1.30
Education at Landing															
0-9 years of schooling	0.29	0.07	0.80	-0.60	1.88	-0.16	-0.16	0.00	-0.33	0.17	-0.13	-0.08	-0.13	0.34	0.34
10-12 years of schooling	1.40	0.65	0.74	0.61	3.72	0.60	0.60	0.29	0.15	1.72	-0.54	0.44	-1.43	-0.32	-0.49
13 or more years of schooling	0.25	2.18	-0.18	-1.25	1.84	-0.14	0.00	-0.28	-0.14	-0.14	0.39	0.33	-0.34	0.84	0.99
Trade Cert. / Non-Univ. Dipl.	0.45	1.52	0.48	-0.18	0.56	-0.43	0.00	-0.43	-0.71	-0.44	-0.24	-0.29	-1.50	0.50	-0.34
Bachelor's degree	0.65	1.23	-1.70	0.89	1.22	0.71	0.28	1.13	0.56	0.57	-0.91	-2.24	-0.41	-0.71	-0.27
Master's degree / Doctorate	0.00	-5.39	-1.95	0.58	1.42	-0.41	-3.76	0.54	-0.13	-0.14	-0.61	-3.74	1.71	-0.91	1.12
Language Ability at Landing															
English	0.79	0.80	-0.09	0.07	2.42	0.00	0.00	0.14	-0.14	0.43	-0.38	-0.86	-0.61	0.23	0.18
French	0.89	2.58	-2.14	-1.48	5.15	0.15	1.90	0.31	-1.04	-0.30	-0.91	-1.91	0.43	1.57	-3.54
Both English and French	1.07	-2.84	-1.80	1.58	4.60	0.00	-2.55	-1.16	1.27	0.00	-1.02	-1.29	-1.81	-0.56	0.97
No official language ability	0.33	0.24	1.26	-0.13	0.12	0.16	-0.16	0.32	0.00	0.34	-0.53	0.08	-1.30	-0.35	-1.23
Category of Immigration															
Family	0.49	1.24	-0.17	-0.19	1.63	0.16	0.51	-0.16	-0.31	0.60	-0.21	-0.23	0.11	-0.60	-0.30
Business (P.A.)	0.22	10.76	-1.39	0.00	-2.23	1.45	7.69	1.06	1.69	-0.81	0.18	-2.00	-2.14	1.24	-0.59
Skilled Worker (P.A.)	0.85	-0.10	-0.02	-0.37	2.36	-0.13	-1.61	0.66	0.51	-0.26	-0.19	-1.34	-0.99	0.54	0.88
Other Economic	0.84	0.23	1.85	0.22	1.15	0.15	0.13	0.40	-0.59	0.83	-0.65	0.18	-1.44	0.27	-0.98
Refugee	0.48	-0.37	0.16	-0.43	3.49	-0.15	-0.28	0.00	-0.30	0.00	-0.77	-0.42	-1.17	0.24	-0.96
Other	0.68	0.35	-1.22	0.76	2.89	0.14	0.45	-0.74	0.43	-0.12	-0.27	-6.01	-1.05	0.40	-0.01
Country of Last Permanent Residence (CLPR)															
Hong Kong	0.16	5.33	2.74	-2.73	0.84	0.21	2.45	1.08	-1.31	0.90	0.06	-1.84	-0.41	-0.25	-0.03
India	0.23	-1.73	2.42	0.77	-0.59	0.85	-1.03	1.85	0.83	1.02	-1.10	-1.85	-0.69	-1.09	-0.27
Philippines	0.60	0.70	0.37	0.60	0.73	-0.12	0.57	0.00	-0.12	-0.45	0.13	-0.27	-0.85	0.43	0.04
Vietnam	-0.34	-0.47	0.61	-1.03	-0.78	0.15	0.29	-0.61	0.16	1.72	-0.04	1.07	-1.16	-0.56	-0.89
China	0.79	-1.84	4.07	-0.20	1.60	-0.45	-4.19	1.47	0.00	-0.15	0.11	0.40	-0.09	1.00	0.04
Other	0.79	0.73	-0.19	0.17	2.82	0.00	0.00	0.00	-0.15	0.47	-0.28	-0.52	-1.08	0.35	-0.09
World Areas (CLPR)															
North America	0.67	-2.06	-2.93	4.23	4.91	-0.62	-1.54	-0.32	-0.62	0.15	-2.06	-1.17	-2.02	-4.64	-0.46
Europe	0.48	1.11	-1.08	-0.10	2.35	0.00	0.14	-0.69	0.14	0.56	-0.35	-1.56	-0.92	0.09	1.37
Asia	0.60	0.38	1.49	-0.29	1.25	0.31	-0.16	0.62	0.16	0.47	-0.38	-0.13	-1.16	-0.05	-0.35
Middle East	1.01	-0.95	1.70	2.48	-0.82	0.53	3.55	1.02	1.10	-1.25	-0.28	2.29	-4.17	1.23	0.03
Africa	-0.20	-0.48	0.81	-1.67	1.41	-0.44	-1.76	1.80	-1.51	-0.46	0.19	3.02	-1.21	0.25	-0.66
Caribbean & Guyana	1.34	1.72	-0.42	0.70	5.37	0.13	0.73	0.13	-0.51	0.12	0.31	0.58	1.45	0.23	-0.55
South & Central America	1.27	0.26	0.26	0.44	7.71	-0.56	-0.29	-0.84	-1.10	1.28	-0.74	-1.35	-1.32	1.38	-3.32
Oceania & Australia	-0.07	-1.31	3.16	-3.20	2.95	-0.40	-1.69	-0.71	-1.42	1.01	1.18	0.72	4.64	0.95	-2.07

Table 2d - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - Diff/IMDB*100 - continued

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Male Immigrant Taxfilers	0.49	0.25	0.14	0.09	1.48	-0.14	-0.56	0.00	0.14	-0.14	-0.34	-0.70	-0.45	0.08	0.40
Age at Taxation															
15 - 24	0.31	0.95	-1.23	-0.34	2.18	-0.73	-0.45	-0.93	-0.50	-0.63	-0.43	0.18	-1.18	-1.05	-0.57
25 - 34	1.30	1.33	2.50	-0.61	2.71	-0.12	-0.23	0.24	-0.12	0.00	-0.39	-0.23	-1.57	-0.85	0.36
35 - 49	-0.08	-0.21	-0.43	-0.15	0.50	-0.13	0.13	-0.26	0.00	-0.14	-0.14	-0.41	-0.31	-0.18	0.71
50 - 64	1.28	0.32	0.58	2.84	0.89	0.48	-1.28	1.71	1.57	-0.88	-0.65	-2.14	-0.41	2.58	-3.62
65 and over	-1.58	-1.92	-13.10	6.35	-6.35	-0.87	-2.74	-11.11	6.85	-5.35	1.41	0.94	0.33	4.82	1.28
Education at Landing															
0-9 years of schooling	0.25	-0.08	0.76	-0.03	0.45	-0.42	-0.97	-0.96	0.00	-0.14	0.17	-0.03	0.00	0.10	0.92
10-12 years of schooling	1.42	0.99	0.23	0.79	3.68	0.71	0.43	0.85	0.56	0.70	-0.22	2.04	-0.65	-0.04	-0.52
13 or more years of schooling	-0.77	-0.25	-0.30	-2.01	0.36	-0.41	-0.14	-0.56	0.42	-1.76	0.68	0.69	0.49	0.73	1.20
Trade Cert./ Non-Univ. Dipl.	0.46	2.34	-1.14	0.47	0.53	-0.42	0.14	-0.43	-0.56	-0.69	-0.11	-1.05	-1.00	0.91	0.54
Bachelor's degree	0.65	-0.30	-0.23	0.79	1.13	0.69	-0.28	2.57	0.70	0.14	-1.00	-4.02	-1.00	-0.42	-0.12
Master's degree / Doctorate	-0.53	-8.58	1.61	-2.48	1.59	-0.93	-5.04	1.07	-1.20	-0.53	-1.27	-3.72	-0.30	-1.37	0.95
Language Ability at Landing															
English	0.65	1.00	-0.10	0.20	1.54	0.00	-0.14	0.27	0.27	-0.54	-0.18	-1.28	-0.27	0.18	0.49
French	0.47	2.35	-4.58	-0.76	4.07	-0.14	1.78	-0.85	-0.96	-0.27	-1.10	-1.93	2.64	-0.15	-4.07
Both English and French	0.47	-5.12	-5.22	1.28	6.11	0.55	-2.07	-0.72	1.24	0.90	-1.56	-2.44	-0.75	-0.89	0.58
No official language ability	0.25	-0.33	1.38	-0.12	0.13	-0.15	-1.01	-0.15	0.15	0.44	-0.40	0.11	-1.07	-0.56	-1.33
Category of Immigration															
Family	0.49	2.09	-0.32	0.11	0.68	0.00	0.62	-0.44	0.14	-0.13	-0.29	0.02	0.01	-0.78	0.27
Business (P.A.)	1.31	12.09	0.26	0.28	-1.13	2.70	8.07	2.83	3.19	-0.81	0.48	-3.22	-1.69	2.13	-0.06
Skilled Worker (P.A.)	0.08	-0.95	0.24	-1.82	1.51	-0.39	-1.83	0.80	-0.13	-0.38	-0.25	-2.31	-0.86	1.00	0.94
Other Economic	0.95	0.83	1.68	0.72	0.73	0.00	-0.50	0.13	-0.14	0.14	-0.43	-0.06	-0.21	-0.39	-0.97
Refugee	0.07	-2.41	0.38	-0.75	4.09	-0.41	-0.80	-0.13	-0.14	-0.28	-0.59	-0.06	-1.01	0.22	-0.57
Other	1.10	1.52	-3.47	2.09	3.70	0.15	-2.37	-1.21	0.59	-0.62	0.34	-14.41	-1.11	1.63	0.86
Country of Last Permanent Residence (CLPR)															
Hong Kong	-0.48	3.48	0.98	-1.75	-1.22	0.00	0.18	0.17	-0.21	0.20	-0.37	-3.71	-0.49	-0.61	0.21
India	0.91	0.54	6.30	0.57	-0.80	0.40	-1.66	2.90	0.40	0.83	-0.73	-2.83	-1.94	-0.98	0.52
Philippines	0.98	4.81	-2.80	2.82	-0.57	-0.12	1.71	0.00	-0.23	-0.65	0.22	0.65	-1.25	-0.06	1.44
Vietnam	-0.82	-1.28	1.17	-2.67	0.65	-0.67	-0.13	-1.89	-0.55	-0.39	0.46	1.38	-1.12	-0.01	-2.30
China	0.30	-2.00	2.90	-0.30	0.66	-1.00	-6.43	-0.70	0.00	-0.69	-0.22	1.37	-2.94	0.15	-0.48
Other	0.60	0.17	-0.39	0.13	2.57	0.00	-0.28	0.00	0.28	-0.28	-0.27	-0.90	-0.29	0.17	0.02
World Areas (CLPR)															
North America	-0.74	-5.20	-0.15	0.75	2.90	-0.57	-2.03	0.30	1.11	-1.91	-1.44	0.86	-2.72	-4.99	2.44
Europe	0.43	-0.07	-1.55	-0.30	4.09	0.13	0.00	-0.94	0.26	0.92	-0.82	-1.99	-0.04	-0.33	0.37
Asia	0.54	0.65	1.24	0.15	0.55	0.00	-0.73	0.44	0.30	-0.43	-0.63	-0.43	-1.56	-0.12	-0.37
Middle East	1.22	5.16	2.17	2.40	-2.11	0.64	6.11	1.78	0.83	-1.54	0.29	1.13	-3.23	1.15	0.87
Africa	0.12	-1.05	2.16	-1.52	1.16	0.00	-1.96	3.51	-0.82	-1.06	0.64	3.51	0.04	0.35	0.33
Caribbean & Guyana	0.87	1.78	-0.17	0.73	1.80	-0.37	-0.94	0.00	0.00	-1.36	0.94	0.75	1.64	0.98	0.84
South & Central America	0.47	-0.57	-2.17	0.50	7.45	-0.76	-1.73	-1.26	-0.62	1.25	-0.10	-1.91	0.84	1.73	-4.36
Oceania & Australia	-1.85	-1.12	0.00	-4.41	0.80	-1.51	-2.25	-3.93	-1.60	1.54	1.08	0.66	7.25	1.80	-4.30

Table 2d - Canada

Employment earnings as reported by immigrant taxfilers, by period of immigration and selected characteristics - 1980 - 1998 landing years and 1999 tax year - Diff/IMDB*100 - concluded

Period of Immigration	Number of Immigrant Taxfilers with Employment Earnings					Percentage of Immigrant Taxfilers with Employment Earnings (%)					Average Employment Earnings*				
	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98	Total 1980-1998	1980-84	1985-89	1990-94	1995-98
Female Immigrant Taxfilers	0.80	0.88	0.49	-0.12	2.43	0.16	0.49	0.15	-0.32	1.17	-0.12	0.10	-1.61	0.11	-0.01
Age at Taxation															
15 - 24	0.79	1.44	2.40	-2.79	3.83	0.25	-0.11	0.71	-0.77	1.24	-0.13	-0.39	-0.80	-0.95	0.54
25 - 34	1.43	-0.68	2.24	0.65	2.68	0.57	0.49	0.40	0.14	1.22	0.10	-0.43	-0.08	0.13	0.11
35 - 49	0.47	0.95	-0.69	0.23	1.91	0.15	-0.13	-0.27	-0.29	1.51	-0.58	0.63	-1.22	0.52	-1.23
50 - 64	1.01	2.68	0.07	0.06	1.56	-0.20	1.52	-0.74	-0.88	-1.42	-0.49	-0.06	-1.61	-1.88	0.80
65 and over	-4.63	-6.67	-7.84	-0.24	-6.74	-3.23	-3.45	-5.41	0.00	-5.30	-4.67	-4.19	-11.11	-3.33	0.26
Education at Landing															
0-9 years of schooling	0.34	0.25	0.84	-1.26	3.37	0.18	0.53	0.87	-0.56	0.79	0.04	-0.27	-0.23	-0.29	-0.77
10-12 years of schooling	1.37	0.37	1.21	0.44	3.77	0.63	0.76	-0.15	-0.16	2.43	-1.07	-1.33	-2.68	-0.38	0.16
13 or more years of schooling	1.39	4.69	-0.05	-0.38	3.47	0.00	0.00	0.00	-0.72	1.37	0.44	0.56	-1.61	1.14	0.84
Trade Cert./ Non-Univ. Dipl.	0.41	0.36	2.42	-0.86	0.70	-0.60	-0.30	0.00	-1.01	-0.32	-0.50	0.47	-1.20	-0.49	-1.40
Bachelor's degree	0.67	3.44	-3.57	1.03	1.42	0.58	1.28	-0.41	0.42	1.09	-0.09	3.68	-0.33	-0.81	-0.30
Master's degree / Doctorate	1.19	1.90	-9.27	7.24	1.02	0.71	-1.79	-0.41	2.86	0.59	1.85	-0.74	3.46	3.59	1.21
Language Ability at Landing															
English	0.95	0.63	-0.13	-0.08	3.61	0.15	0.15	-0.14	-0.57	1.85	-0.48	-0.17	-0.93	0.23	-0.82
French	1.45	2.91	0.45	-2.32	6.79	0.34	2.36	1.49	-1.16	0.18	0.07	-1.92	-2.11	4.06	-1.31
Both English and French	1.94	0.81	2.60	1.95	2.45	-0.74	-1.37	-1.48	1.18	-1.43	0.17	2.72	-1.90	0.11	0.16
No official language ability	0.41	0.98	1.10	-0.16	0.11	0.36	0.90	0.69	-0.18	0.19	-0.25	0.74	-1.72	-0.52	-1.34
Category of Immigration															
Family	0.49	0.52	-0.02	-0.50	2.62	0.17	0.19	0.18	-0.68	1.18	-0.46	-0.67	-0.02	-0.44	-1.11
Business (P.A.)	-5.82	0.00	-8.97	-1.48	-12.24	-5.39	5.06	-7.52	-6.58	-4.82	-3.51	4.60	-5.82	-4.05	-5.52
Skilled Worker (P.A.)	2.81	2.82	-0.56	2.50	4.97	0.66	-0.14	0.13	1.77	0.66	1.13	5.35	-1.39	1.37	1.33
Other Economic	0.76	-0.16	2.02	-0.16	1.53	0.47	0.69	0.56	-0.94	1.28	-0.53	0.50	-2.77	1.07	-1.29
Refugee	1.21	3.36	-0.34	0.28	2.46	0.16	1.05	0.00	-0.17	0.00	-0.23	0.28	-2.18	0.81	-1.28
Other	0.40	0.20	0.74	-0.31	2.28	0.28	1.92	-0.29	0.28	-0.12	-1.03	-4.58	-0.52	-0.80	-0.86
Country of Last Permanent Residence (CLPR)															
Hong Kong	0.91	8.41	4.87	-3.92	3.19	0.45	6.51	2.27	-2.78	2.25	1.15	2.80	0.78	-1.12	1.34
India	-0.51	-4.02	-1.85	0.99	-0.20	1.04	-0.54	0.31	1.17	1.38	-1.49	-1.32	-2.05	-1.51	-0.95
Philippines	0.35	-3.17	2.61	-0.59	1.85	0.00	-0.77	-0.25	0.12	-0.12	-0.41	-1.80	-0.49	0.21	-1.00
Vietnam	0.43	0.91	-0.48	1.35	-1.93	1.38	1.31	0.93	1.28	1.84	-0.43	0.51	-1.43	-0.98	0.46
China	1.29	-1.46	5.05	-0.05	2.40	0.00	-1.88	2.86	0.00	0.16	1.10	-0.81	3.19	1.99	0.23
Other	1.03	1.39	0.05	0.22	3.19	0.16	0.47	0.00	-0.48	1.25	-0.20	0.18	-1.98	0.43	-0.34
World Areas (CLPR)															
North America	1.77	0.00	-4.96	7.28	6.85	-0.49	-1.12	-1.02	-1.01	2.09	-2.68	-2.08	-1.98	-2.09	-4.15
Europe	0.53	2.55	-0.46	0.13	0.14	0.00	0.15	-0.14	0.00	-0.15	0.26	0.96	-1.76	1.28	1.50
Asia	0.64	0.03	1.78	-0.76	2.07	0.51	0.53	0.83	-0.16	1.39	-0.23	-0.08	-0.13	-0.37	-0.25
Middle East	0.78	-9.38	0.98	2.67	1.41	0.21	0.36	-0.18	1.28	0.00	-1.69	0.01	-7.29	2.03	-0.54
Africa	-0.66	0.14	-1.44	-2.10	1.79	-1.33	-2.03	-0.86	-2.42	0.18	-1.68	2.33	-4.99	0.44	-3.67
Caribbean & Guyana	1.76	1.67	-0.66	0.64	9.07	0.56	1.71	0.28	-0.94	1.96	-0.25	0.49	0.74	-0.35	-1.03
South & Central America	2.20	1.10	3.32	0.31	8.03	-0.47	1.27	0.16	-1.89	1.79	-0.90	0.32	-3.56	0.31	-1.55
Oceania & Australia	1.86	-1.50	6.12	-0.79	6.25	0.71	0.00	2.63	0.00	1.51	1.88	1.19	2.29	1.24	5.71

* Average self-employment income for individuals who reported self-employment income.

All data regarding immigrant taxfilers are random rounded.

Source: Longitudinal Immigration Database (IMDB), Statistics Canada.