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IMDB Compendium

Statistical Tables on Employment Earnings by Industry 1980 - 1997



Citizenship and
Immigration Canada
Statistics
Canada

Citoyenneté et
Immigration Canada
Statistique
Canada

Canada

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Preface

THE IMDB - AN INTRODUCTION

The Longitudinal Immigration Data Base (IMDB) combines administrative records on immigration, employment, and taxation activities into a comprehensive source of data on the labour market behaviour of the landed immigrant population in Canada. It covers the period 1980 to 1997.

The IMDB was created to respond to the need for detailed and reliable data on the performance and impact of the Immigration Program. It allows, for the first time, the analysis of relative labour market behaviour of different categories of immigrants over a period long enough to assess the impact of immigrant characteristics, such as education and knowledge of French or English, to their settlement success. It also permits the investigation and measurement of different categories of immigrants on social assistance and allows the measurement and analysis of secondary inter-provincial and inter-urban migration. It shows promise as a source of data on job creation by immigrant businesses. It is the only source of data that links outcomes to immigration policy levers.

For the researcher, the IMDB is the only source of labour market data that permits the user to distinguish between categories of immigrants or to distinguish between cohort, period, aging, location, and program effects when analyzing immigrant labour market behaviour.

THE CONSORTIUM

The IMDB is managed by Statistics Canada (STC) on behalf of a Federal-Provincial Consortium led by Citizenship and Immigration Canada (CIC). The Consortium was created to ensure that all government departments with a direct interest in immigration policy or in the impacts of the immigration program have access to a shared body of information to support research and analysis on the performance of the program. The Consortium is led by Citizenship and Immigration who acts as its agent in dealing with Statistics Canada. At present, Canadian Heritage, Human Resources Development Canada, Industry Canada and provincial departments with immigration and/or immigrant settlement policy responsibilities from Quebec west to British Columbia are all members.

The IMDB is available to support the research efforts of all interested users on a cost recovery basis. Special arrangements are being made to meet the requirements of the Centres of Excellence created under the Metropolis Project.

The use of the IMDB is subject to the normal privacy and confidentiality constraints to prevent the release of personal information. Micro-records shall not be released to users and all aggregate statistics will be subject to random rounding.

THE COMPENDIUM

One of the principal products drawn from the IMDB, the compendium is a collection of detailed crosstabulations that present highly detailed information on the landed immigrant population broken down by key demographic and immigrant specific characteristics. Within the compendium tables, these characteristics are related to the economic performance and experience of immigrant groups as captured in the taxation system. All fiscal variables reported in the tables are in current dollars.

The compendium is comprised of four major sets of tables, at a national and a provincial level, focussing on: In-migration toward each province of residence for tax purposes; Out-migration away

from the immigrant's province of original destination; Income distributions (for various sources of income) within immigrant groups; and Industry of employment.

Each of the sections that follow describe, in detail, the contents of each table set relating to Industry and the coding used within each dimension.

SIC201 – employment earnings by industry and immigrant class

TABLE DESCRIPTION

The SIC201 tables contain information on immigrant taxfilers resident in a province broken down by landing year, tax year, gender, age group, immigrant class and industry type.

There are eight tables in this set with one file for each province of residence (the Atlantic region is grouped into one provincial area of residence) and one for Canada. The file within the SIC201 structure is as follows (all files are in Beyond 20/20 format):

Province of Residence	Table Name
Atlantic	SIC201E1.ivt
Quebec	SIC 201E2.ivt
Ontario	SIC 201E3.ivt
Manitoba	SIC 201E4.ivt
Saskatchewan	SIC 201E5.ivt
Alberta	SIC 201E6.ivt
British Columbia	SIC 201E7.ivt
Canada	SIC 201E9.ivt

A standard set of 7 data elements are reported for each breakdown combination of immigrant characteristics:

NUMWITH:	Number of individuals, with the given set of characteristics, who reported employment income
AVGTARGET:	Average income for those who reported employment income
AVGINCWT:	Average all income for individuals who reported the target source (all income = employment earnings + u.i. benefits + self-employed earnings + investment income)
NUM_W_O:	Number of individuals, with the given set of characteristics, who reported NO employment income
AVGINCWO:	Average all income for individuals who reported NO income from the target source (employment income)
TOTNUM:	Total number of immigrants with the given set of characteristics (NUMWITH+NUM_W_O)
PERCENT:	Percent of individuals who reported receiving employment income (NUMWITH*100/TOTNUM)

All income variables used within the tables are derived from the T1 (personal income tax return) submitted to Revenue Canada. In order to maintain consistency of measurement over the entire 1980 to 1997 period, some recalculation of variables was necessary. The financial measures are defined as follows - all line numbers are referenced to the 1997 T1 general:

Employment Earnings	T4 earnings (line 101) + Other Income (Tips) (line 104)
All Income*	Employment earnings + U.I. Benefits + Earnings from Self-employment + Investment Income

* In order to ensure consistency of measurement across the 1980 to 1997 period, social assistance income is excluded from calculations of All Income. Social assistance income was not reported as a source of income on the T1 until 1992.

DIMENSION CODING

The coding for the breakout dimensions is as follows:

Landing year: runs consecutively from 1980 to 1997

Tax year: runs consecutively from year of landing to 1997. There are no pre-landing tax observation reported in these tables.

Age Group: The age groupings used for each province of residence table are as follows:

Age Code	Atlantic, Manitoba & Saskatchewan	Quebec, Ontario, Alberta, B.C. & Canada
01	15-24	15-24
02	25-34	25-34
03	35-49	35-49
04	50 and over	50-64
05	-	65 and over
99	Total	Total

Sex: 01 - Male
 02 - Female
 99 – Total

Province of Residence: As noted above, each province of residence constitutes a separate Beyond 20/20 table and is identified by the last numeric digit of the table name.

Industry Type: The industry type is based on the 1980 Standard Industrial Classification (SIC) of the business from which immigrants received the majority or all of their (T4) employment earnings in a given tax year. Those who did not have any T4 earnings or for whom the SIC code could not be coded were coded as 'unspecified or undefined'. The industry aggregation used for each province of residence are listed below and a complete list of SIC definitions (to the 2-digit level) appears in Appendix B.

INDUSTRY Code	Atlantic
99	All Industries
01	Agr., Forestry, Fish/Trap, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade, F.I.R.E., Public Administration and Defence
05	Education, Health, Religion, Recreation
06	Bus. Mgmt, Personal, Acc./Food , Misc. Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Quebec
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Leather, Textile, Knitting Mills
03	Manufacturing - Clothing
04	Manufacturing - Primary Metal, Metal Fabrication., Machinery, Transportation, Electrical Equipment
05	Manufacturing - Food/Beverage & Tobacco
06	Manufacturing – Rubber, Wood, Furniture, Paper, Print, Non-Metals, Petrol, Chemicals & Miscellaneous
07	Construction, Transportation, Communication and Other Utilities
08	Trade - Wholesale
09	Trade - Retail
10	Commercial/Business/Personal Services - Education
11	Commercial/Business/Personal Services - Health, Religion, Recreation & Personal Services
12	Commercial/Business/Personal Services – Services to Business Management
13	Commercial/Business/Personal Services – Accommodation and Food
14	Commercial/Business/Personal Services – Miscellaneous Services
15	Finance, Insurance, Real Estate, Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Ontario
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Food/Beverage, Tobacco
03	Manufacturing - Leather, Textile, Knitting Mills
04	Manufacturing - Clothing
05	Manufacturing - Wood, Furniture and Fixtures
06	Manufacturing - Primary Metals and Metal Fabrication
07	Manufacturing - Machinery and Transportation Equipment
08	Manufacturing - Electrical Products
09	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
10	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
11	Construction
12	Transportation, Communication and Other Utilities
13	Trade - Wholesale
14	Trade - Retail
15	Finance, Insurance and Real Estate
16	Commercial/Business/Personal Services - Education
17	Commercial/Business/Personal Services - Health and Social
18	Commercial/Business/Personal Services - Services to Business Management
19	Commercial/Business/Personal Services - Personal Services
20	Commercial/Business/Personal Services - Accommodation and Food
21	Commercial/Business/Personal Services - Religion, Recreation & Miscellaneous Services
22	Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Manitoba, Saskatchewan & Alberta
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade
05	Education, Health, Religion, Recreation
06	Business Management, Personal & Miscellaneous Services
07	Commercial/Business/Personal Services - Accommodation and Food
08	Finance, Insurance and Real Estate & Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	British Columbia
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Utilities & Miscellaneous Services
04	Trade
05	Finance, Insurance and Real Estate, Public Administration/Defence, Education, Health & Services Related to Business Management
06	Religion, Personal & Accommodation/Food Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Canada
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping
02	Mines, Quarries and Oil Wells
03	Manufacturing - Food/Beverage, Tobacco
04	Manufacturing - Leather, Textile. Knitting Mills
05	Manufacturing - Clothing
06	Manufacturing - Wood, Furniture and Fixtures
07	Manufacturing - Primary Metals and Metal Fabrication
08	Manufacturing - Machinery and Transportation Equipment
09	Manufacturing - Electrical Products
10	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
11	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
12	Construction
13	Transportation, Communication and Other Utilities
14	Trade - Wholesale
15	Trade - Retail
16	Finance, Insurance and Real Estate (F.I.R.E.)
17	Commercial/Business/Personal Services - Education
18	Commercial/Business/Personal Services – Health and Social
19	Commercial/Business/Personal Services – Religion & Recreation
20	Commercial/Business/Personal Services – Services to Business Management
21	Commercial/Business/Personal Services – Personal Services
22	Commercial/Business/Personal Services – Accommodation and Food
23	Commercial/Business/Personal Services – Miscellaneous Services
24	Public Administration and Defence
31	Industry Unspecified or Undefined

Immigrant Class: Categorizations of immigrant class within the SIC201 tables take into number of characteristics that serve to refine the definition of traditional classes in the immigrant file. As well as identifying the particular class name (eg. Family, Skilled Worker, etc...), where sample sizes allow for a more detailed description, we also distinguish between: Principal applicants in immigrant cases (P.A.) and accompanying spouses and dependents (S.P.&DEP.); Immigrants who landed under certain special programs (Spg) from those who did not (No Spg); and immigrants who obtained permanent resident status from abroad (Abr) separately from those who obtained that status from within Canada (Can).

The class aggregations used for each province of residence table are as follows:

For province of residence = **Atlantic, Manitoba or Saskatchewan**

CLASS Code	Class Name	Abr/Can	Spg/No Spg	Family Status
01	Family	-	-	-
02	All Economic	-	-	P.A.
03	All Economic	-	-	SP.&DEP
				.
04	All Refugees	-	-	-
05	Retired & Other	-	-	-
99	Total	-	-	-

For province of residence = **Quebec**

CLASS Code	Class Name	Abr/Can	Spg/No Spg	Family Status
01	Family	-	-	-
02	Business	Abr	-	P.A.
03	Skilled Worker	Abr	-	P.A.
04	Assisted Relative	Abr	-	P.A.
05	All Economic	Can	-	P.A.
06	All Economic	-	-	SP.&DEP
				.
07	All Refugees	-	-	-
08	Retired & Other	-	-	-
99	Total	-	-	-

For province of residence = **Ontario**

CLASS Code	Class Name	Abr/Ca n	Spg/No Spg	Family Status
01	Family	Abr	-	-
02	Family	Can	-	-
03	Business	Abr	NO spg	P.A.
04	Skilled Worker	Abr	NO spg	P.A.
05	Assisted Relative	Abr	NO spg	P.A.
06	All Economic	Abr	WITH spg	P.A.
07	All Economic	Can	NO spg	P.A.
08	All Economic	Can	WITH spg	P.A.
09	Assisted Relative	Abr	-	SP.&DEP.
10	Business Class	Abr	-	SP.&DEP.
11	Skilled Worker	Abr	-	SP.&DEP.
12	All Economic	Can	-	SP.&DEP.
13	GovSICment Sponsored Refugee	-	-	-
14	Privately Sponsored Refugee	-	-	-
15	Refugee Landed in Canada	-	-	-
16	Retired & Other	-	-	-
17	Live-in-Caregiver	-	-	-
18	Admin. Review & Backlog	-	-	-
99	Total	-	-	-

For province of residence = **Alberta** or **British Columbia**

CLASS Code	Class Name	Abr/Can	Spg/No Spg	Family Status
01	Family	Abr	-	-
02	Family	Can	-	-
03	Business	Abr	-	P.A.
04	Skilled Worker	Abr	-	P.A.
05	Assisted Relative	Abr	-	P.A.
06	All Economic	Can	-	P.A.
07	All Economic	-	-	SP.&DEP
08	Government Sponsored Refugee	-	-	.
09	Privately Sponsored Refugee	-	-	-
10	Refugee Landed in Canada	-	-	-
11	Retired & Other	-	-	-
99	Total	-	-	-

For province of residence = **Canada**

CLASS Code	Class Name	Abr/Ca n	Spg/No Spg	Family Status
01	Family	Abr	-	-
02	Family	Can	-	-
03	Entrepreneur	Abr	NO spg	P.A.
04	Self-Employed	Abr	NO spg	P.A.
05	Investor	Abr	NO spg	P.A.
06	Skilled Worker	Abr	NO spg	P.A.
07	Assisted Relative	Abr	NO spg	P.A.
08	Business Class	Abr	NO spg	SP.&DEP.
09	Skilled Worker	Abr	NO spg	SP.&DEP.
10	Assisted Relative	Abr	NO spg	SP.&DEP.
11	All Economic	Abr	WITH spg	P.A.
12	All Economic	Abr	WITH spg	SP.&DEP.
13	All Economic	Can	NO spg	P.A.
14	All Economic	Can	WITH spg	P.A.
15	All Economic	Can	-	SP.&DEP.
16	GovSICment Sponsored Refugee	-	-	P.A.
17	GovSICment Sponsored Refugee	-	-	SP.&DEP.
18	Privately Sponsored Refugee	-	-	P.A.
19	Privately Sponsored Refugee	-	-	SP.&DEP.
20	Refugee Landed in Canada	-	-	P.A.
21	Refugee Landed in Canada	-	-	SP.&DEP.
22	Retired & Other	-	-	-
23	Live-in-Caregiver	-	-	-
24	Admin. Review & Backlog	-	-	-
99	Total	-	-	-

SIC202 – employment earnings by industry and level of education

TABLE DESCRIPTION

The SIC202 tables contain information on immigrant taxfilers resident in a province broken down by landing year, tax year, gender, age group, education level and industry type.

There are eight tables in this set with one file for each province of residence (the Atlantic region is grouped into one provincial area of residence) and one for Canada. The file within the SIC202 structure is as follows (all files are in Beyond 20/20 format):

Province of Residence	Table Name
Atlantic	SIC202E1.ivt
Quebec	SIC 202E2.ivt
Ontario	SIC 202E3.ivt
Manitoba	SIC 202E4.ivt
Saskatchewan	SIC 202E5.ivt
Alberta	SIC 202E6.ivt
British Columbia	SIC 202E7.ivt
Canada	SIC 202E9.ivt

A standard set of 7 data elements are reported for each breakdown combination of immigrant characteristics:

- NUMWITH:** Number of individuals, with the given set of characteristics, who reported employment income
- AVGTARGET:** Average income for those who reported employment income
- AVGINCWT:** Average all income for individuals who reported the target source (all income = employment earnings + u.i. benefits + self-employed earnings + investment income)
- NUM_W_O:** Number of individuals, with the given set of characteristics, who reported NO employment income
- AVGINCWO:** Average all income for individuals who reported NO income from the target source (employment income)
- TOTNUM:** Total number of immigrants with the given set of characteristics (NUMWITH+NUM_W_O)
- PERCENT:** Percent of individuals who reported receiving income from the target source (NUMWITH*100/TOTNUM)

All income variables used within the tables are derived from the T1 (personal income tax return) submitted to Revenue Canada. In order to maintain consistency of measurement over the entire 1980 to 1997 period, some recalculation of variables was necessary. The financial measures are defined as follows - all line numbers are referenced to the 1997 T1 general:

- Employment Earnings** T4 earnings (line 101) + Other Income (Tips) (line 104)
- All Income*** Employment earnings + U.I. Benefits + Earnings from Self-employment + Investment Income

* In order to ensure consistency of measurement across the 1980 to 1997 period, social assistance income is excluded from calculations of All Income. Social assistance income was not reported as a source of income on the T1 until 1992.

DIMENSION CODING

The coding for the breakout dimensions is as follows:

Landing year: runs consecutively from 1980 to 1997

Tax year: runs consecutively from year of landing to 1997. There are no pre-landing tax observation reported in these tables.

Age Group: The age groupings used for each province of residence table are as follows:

AGE Code	Atlantic, Manitoba & Saskatchewan	Quebec, Ontario, Alberta & B.C.	Canada
01	15-24	15-24	15-24
02	25-34	25-34	25-29
03	35-49	35-49	30-34
04	50 and over	50-64	35-39
05	-	65 and over	40-44
06	-	-	45-49
07	-	-	50-64
08	-	-	65 and over
99	Total	Total	Total

Sex: 01 - Male
02 - Female
99 - Total

Province of Residence: As noted above, each province of residence constitutes a separate Beyond 20/20 table and is identified by the last numeric digit of the table name.

Level of education: Education codes in EDGRP1 (01 through 06, and 99) are used for all provincial files: Education codes in EDGRP2 are used for the Canada files.

EDUC Code	All provinces	Canada
01	0-9 years	0-9 years
02	10-12 years	10-12 years
03	13 years or more	13 years or more
04	Trade Certificates/Non-University Diploma	Trade Certificates
05	Bachelor's	Non-University Diploma
06	Master's / Doctorate	Bachelor's
07	–	Master's
08	–	Doctorate
99	Total	Total

Industry Type: The industry type is based on the 1980 Standard Industrial Classification (SIC) of the business from which immigrants received the majority or all of their (T4) employment earnings in a given tax year. Those who did not have any T4 earnings or for whom the SIC code could not be coded were coded as 'unspecified or undefined'. The industry aggregation used for each province of residence are listed below and a complete list of SIC definitions (to the 2-digit level) appears in Appendix B.

INDUSTRY Code	Atlantic
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade, Finance, Insurance, Real Estate, Public Administration and Defence
05	Education, Health, Religion, Recreation
06	Business Management, Personal, Accommodation/Food, Miscellaneous Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Quebec
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Leather, Textile, Knitting Mills
03	Manufacturing - Clothing
04	Manufacturing - Primary Metal, Metal Fabrication., Machinery, Transportation, Electrical Equipment
05	Manufacturing - Food/Beverage & Tobacco
06	Manufacturing - Rubber, Wood, Furniture, Paper, Print, Non-Metals, Petrol, Chemicals & Miscellaneous
07	Construction, Transportation, Communication and Other Utilities
08	Trade - Wholesale
09	Trade - Retail
10	Commercial/Business/Personal Services - Education
11	Commercial/Business/Personal Services - Health, Religion, Recreation & Personal Services
12	Commercial/Business/Personal Services - Services to Business Management
13	Commercial/Business/Personal Services - Accommodation and Food
14	Commercial/Business/Personal Services - Miscellaneous Services
15	Finance, Insurance, Real Estate, Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Ontario
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Food/Beverage, Tobacco
03	Manufacturing - Leather, Textile, Knitting Mills
04	Manufacturing - Clothing
05	Manufacturing - Wood, Furniture and Fixtures
06	Manufacturing - Primary Metals and Metal Fabrication
07	Manufacturing - Machinery and Transportation Equipment
08	Manufacturing - Electrical Products
09	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
10	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
11	Construction
12	Transportation, Communication and Other Utilities
13	Trade - Wholesale
14	Trade - Retail
15	Finance, Insurance and Real Estate
16	Commercial/Business/Personal Services - Education
17	Commercial/Business/Personal Services – Health and Social
18	Commercial/Business/Personal Services – Services to Business Management
19	Commercial/Business/Personal Services – Personal Services
20	Commercial/Business/Personal Services – Accommodation and Food
21	Commercial/Business/Personal Services – Religion, Recreation & Miscellaneous Services
22	Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Manitoba, Saskatchewan & Alberta
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade
05	Education, Health, Religion, Recreation
06	Business Management, Personal & Miscellaneous Services
07	Commercial/Business/Personal Services – Accommodation and Food
08	Finance, Insurance and Real Estate & Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	British Colombia
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Utilities & Miscellaneous Services
04	Trade
05	Finance, Insurance and Real Estate, Public Administration/Defence, Education, Health & Services Related to Business Management
06	Religion, Personal & Accommodation/Food Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Canada
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping
02	Mines, Quarries and Oil Wells
03	Manufacturing - Food/Beverage, Tobacco
04	Manufacturing - Leather, Textile, Knitting Mills
05	Manufacturing - Clothing
06	Manufacturing - Wood, Furniture and Fixtures
07	Manufacturing - Primary Metals and Metal Fabrication
08	Manufacturing - Machinery and Transportation Equipment
09	Manufacturing - Electrical Products
10	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
11	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
12	Construction
13	Transportation, Communication and Other Utilities
14	Trade - Wholesale
15	Trade - Retail
16	Finance, Insurance and Real Estate (F.I.R.E.)
17	Commercial/Business/Personal Services - Education
18	Commercial/Business/Personal Services – Health and Social
19	Commercial/Business/Personal Services – Religion & Recreation
20	Commercial/Business/Personal Services – Services to Business Management
21	Commercial/Business/Personal Services – Personal Services
22	Commercial/Business/Personal Services – Accommodation and Food
23	Commercial/Business/Personal Services – Miscellaneous Services
24	Public Administration and Defence
31	Industry Unspecified or Undefined

SIC203 – employment earnings by industry and language ability

TABLE DESCRIPTION

The SIC203 tables contain information on immigrant taxfilers resident in a province broken down by landing year, tax year, gender, age group, language ability and industry type.

There are eight tables in this set with one file for each province of residence (the Atlantic region is grouped into one provincial area of residence) and one for Canada. The file within the SIC203 structure is as follows (all files are in Beyond 20/20 format):

Province of Residence	Table Name
Atlantic	SIC203E1.ivt
Quebec	SIC 203E2.ivt
Ontario	SIC 203E3.ivt
Manitoba	SIC 203E4.ivt
Saskatchewan	SIC 203E5.ivt
Alberta	SIC 203E6.ivt
British Columbia	SIC 203E7.ivt
Canada	SIC 203E9.ivt

A standard set of 7 data elements are reported for each breakdown combination of immigrant characteristics:

- NUMWITH:** Number of individuals, with the given set of characteristics, who reported employment income
- AVGTARGET:** Average income for those who reported employment income
- AVGINCWT:** Average all income for individuals who reported the target source (all income = employment earnings + u.i. benefits + self-employed earnings + investment income)
- NUM_W_O:** Number of individuals, with the given set of characteristics, who reported NO employment income
- AVGINCWO:** Average all income for individuals who reported NO income from the target source (employment income)
- TOTNUM:** Total number of immigrants with the given set of characteristics (NUMWITH+NUM_W_O)
- PERCENT:** Percent of individuals who reported receiving income from the target source (NUMWITH*100/TOTNUM)

All income variables used within the tables are derived from the T1 (personal income tax return) submitted to Revenue Canada. In order to maintain consistency of measurement over the entire 1980 to 1997 period, some recalculation of variables was necessary. The financial measures are defined as follows - all line numbers are referenced to the 1997 T1 general:

- Employment Earnings** T4 earnings (line 101) + Other Income (Tips) (line 104)
- All Income*** Employment earnings + U.I. Benefits + Earnings from Self-employment + Investment Income

* In order to ensure consistency of measurement across the 1980 to 1997 period, social assistance income is excluded from calculations of All Income. Social assistance income was not reported as a source of income on the T1 until 1992.

DIMENSION CODING

The coding for the breakout dimensions is as follows:

Landing year: runs consecutively from 1980 to 1997

Tax year: runs consecutively from year of landing to 1997. There are no pre-landing tax observation reported in these tables.

Age Group: The age groupings used for each province of residence table are as follows:

AGE Code	Atlantic, Manitoba & Saskatchewan	Quebec, Ontario, Alberta & B.C.	Canada
01	15-24	15-24	15-24
02	25-34	25-34	25-29
03	35-49	35-49	30-34
04	50 and over	50-64	35-39
05	-	65 and over	40-44
06	-	-	45-49
07	-	-	50-64
08	-	-	65 and over
99	Total	Total	Total

Sex:

- 01 - Male
- 02 - Female
- 99 – Total

Province of Residence: As noted above, each province of residence constitutes a separate Beyond 20/20 table and is identified by the last numeric digit of the table name.

Languages ability: All provincial and Canada files code knowledge of official languages the same way:

LANGUAGE Code	Language Ability Indicator
01	Knowledge of English
02	Knowledge of French
03	Knowledge of BOTH English and French
04	No official language ability
05	Unknown or invalid
99	Total

Industry Type: The industry type is based on the 1980 Standard Industrial Classification (SIC) of the business from which immigrants received the majority or all of their (T4) employment earnings in a given tax year. Those who did not have any T4 earnings or for whom the SIC code could not be coded were coded as 'unspecified or undefined'. The industry aggregation used for each province of residence are listed below and a complete list of SIC definitions (to the 2-digit level) appears in Appendix B.

INDUSTRY Code	Atlantic
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade, Finance, Insurance, Real Estate, Public Administration and Defence
05	Education, Health, Religion, Recreation
06	Business Management, Personal, Accommodation/Food and Miscellaneous Services
31	Industry Unspecified or Undefined

Industry Code	Quebec
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Leather, Textile, Knitting Mills
03	Manufacturing - Clothing
04	Manufacturing - Primary Metal, Metal Fabrication., Machinery, Transportation, Electrical Equipment
05	Manufacturing - Food/Beverage & Tobacco
06	Manufacturing – Rubber, Wood, Furniture, Paper, Print, Non-Metals, Petrol, Chemicals & Miscellaneous
07	Construction, Transportation, Communication and Other Utilities
08	Trade - Wholesale
09	Trade - Retail
10	Commercial/Business/Personal Services - Education
11	Commercial/Business/Personal Services - Health, Religion, Recreation & Personal Services
12	Commercial/Business/Personal Services – Services to Business Management
13	Commercial/Business/Personal Services – Accommodation and Food
14	Commercial/Business/Personal Services – Miscellaneous Services
15	Finance, Insurance, Real Estate, Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Ontario
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Food/Beverage, Tobacco
03	Manufacturing - Leather, Textile, Knitting Mills
04	Manufacturing - Clothing
05	Manufacturing - Wood, Furniture and Fixtures
06	Manufacturing - Primary Metals and Metal Fabrication
07	Manufacturing - Machinery and Transportation Equipment
08	Manufacturing - Electrical Products
09	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
10	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
11	Construction
12	Transportation, Communication and Other Utilities
13	Trade - Wholesale
14	Trade - Retail
15	Finance, Insurance and Real Estate
16	Commercial/Business/Personal Services - Education
17	Commercial/Business/Personal Services – Health and Social
18	Commercial/Business/Personal Services – Services to Business Management
19	Commercial/Business/Personal Services – Personal Services
20	Commercial/Business/Personal Services – Accommodation and Food
21	Commercial/Business/Personal Services – Religion, Recreation & Miscellaneous Services
22	Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Manitoba, Saskatchewan & Alberta
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade
05	Education, Health, Religion, Recreation
06	Business Management, Personal & Miscellaneous Services
07	Commercial/Business/Personal Services – Accommodation and Food
08	Finance, Insurance and Real Estate & Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	British Colombia
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Utilities & Miscellaneous Services
04	Trade
05	Finance, Insurance and Real Estate, Public Administration/Defence, Education, Health & Services Related to Business Management
06	Religion, Personal & Accommodation/Food Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Canada
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping
02	Mines, Quarries and Oil Wells
03	Manufacturing - Food/Beverage, Tobacco
04	Manufacturing - Leather, Textile, Knitting Mills
05	Manufacturing - Clothing
06	Manufacturing - Wood, Furniture and Fixtures
07	Manufacturing - Primary Metals and Metal Fabrication
08	Manufacturing - Machinery and Transportation Equipment
09	Manufacturing - Electrical Products
10	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
11	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
12	Construction
13	Transportation, Communication and Other Utilities
14	Trade - Wholesale
15	Trade - Retail
16	Finance, Insurance and Real Estate (F.I.R.E.)
17	Commercial/Business/Personal Services - Education
18	Commercial/Business/Personal Services - Health and Social
19	Commercial/Business/Personal Services - Religion & Recreation
20	Commercial/Business/Personal Services - Services to Business Management
21	Commercial/Business/Personal Services - Personal Services
22	Commercial/Business/Personal Services - Accommodation and Food
23	Commercial/Business/Personal Services - Miscellaneous Services
24	Public Administration and Defence
31	Industry Unspecified or Undefined

SIC204 – employment income by industry and intended occupation

TABLE DESCRIPTION

The SIC204 tables contain information on immigrant taxfilers resident in a province broken down by landing year, tax year, gender, age group, intended occupation and industry type.

There are eight tables in this set with one file for each province of residence (the Atlantic region is grouped into one provincial area of residence) and one for Canada. The file within the SIC204 structure is as follows (all files are in Beyond 20/20 format):

Province of Residence	Table Name
Atlantic	I204E1.ivt
Quebec	I204E2.ivt
Ontario	I204E3.ivt
Manitoba	I204E4.ivt
Saskatchewan	I204E5.ivt
Alberta	I204E6.ivt
British Columbia	I204E7.ivt
Canada	I204E9.ivt

A standard set of 7 data elements are reported for each breakdown combination of immigrant characteristics:

- NUMWITH:** Number of individuals, with the given set of characteristics, who reported employment income
- AVGTARGET:** Average income for those who reported employment income
- AVGINCWT:** Average all income for individuals who reported the target source (all income = employment earnings + u.i. benefits + self-employed earnings + investment income)
- NUM_W_O:** Number of individuals, with the given set of characteristics, who reported NO employment income
- AVGINCWO:** Average all income for individuals who reported NO income from the target source (employment income)
- TOTNUM:** Total number of immigrants with the given set of characteristics (NUMWITH+NUM_W_O)
- PERCENT:** Percent of individuals who reported receiving income from the target source (NUMWITH*100/TOTNUM)

All income variables used within the tables are derived from the T1 (personal income tax return) submitted to Revenue Canada. In order to maintain consistency of measurement over the entire 1980 to 1997 period, some recalculation of variables was necessary. The financial measures are defined as follows - all line numbers are referenced to the 1997 T1 general:

- Employment Earnings** T4 earnings (line 101) + Other Income (Tips) (line 104)
- All Income*** Employment earnings + U.I. Benefits + Earnings from Self-employment + Investment Income

* In order to ensure consistency of measurement across the 1980 to 1997 period, social assistance income is excluded from calculations of All Income. Social assistance income was not reported as a source of income on the T1 until 1992.

DIMENSION CODING

The coding for the breakout dimensions is as follows:

Landing year: runs consecutively from 1980 to 1997

Tax year: runs consecutively from year of landing to 1997. There are no pre-landing tax observation reported in these tables.

Age Group: The age groupings used for each province of residence table are as follows:

AGE Code	Atlantic, Manitoba & Saskatchewan	Quebec, Ontario, Alberta, B.C. & Canada
01	15-24	15-24
02	25-34	25-34
03	35-49	35-49
04	50 and over	50-64
05	-	65 and over
99	Total	Total

Sex:

- 01 - Male
- 02 - Female
- 99 - Total

Province of Residence: As noted above, each province of residence constitutes a separate Beyond 20/20 table and is identified by the last numeric digit of the table name.

Industry Type: The industry type is based on the 1980 Standard Industrial Classification (SIC) of the business from which immigrants received the majority or all of their (T4) employment earnings in a given tax year. Those who did not have any T4 earnings or for whom the SIC code could not be coded were coded as 'unspecified or undefined'. The industry aggregation used for each province of residence are listed below and a complete list of SIC definitions (to the 2-digit level) appears in Appendix B.

INDUSTRY Code	Atlantic
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade, Finance, Insurance, Real Estate, Public Administration and Defence
05	Education, Health, Religion, Recreation
06	Business Management, Personal, Accommodation./Food and Miscellaneous Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Quebec
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Leather, Textile, Knitting Mills
03	Manufacturing - Clothing
04	Manufacturing - Primary Metal, Metal Fabrication., Machinery, Transportation, Electrical Equipment
05	Manufacturing - Food/Beverage & Tobacco
06	Manufacturing – Rubber, Wood, Furniture, Paper, Print, Non-Metals, Petrol, Chemicals & Miscellaneous
07	Construction, Transportation, Communication and Other Utilities
08	Trade - Wholesale
09	Trade - Retail
10	Commercial/Business/Personal Services - Education
11	Commercial/Business/Personal Services - Health, Religion, Recreation & Personal Services
12	Commercial/Business/Personal Services – Services to Business Management
13	Commercial/Business/Personal Services – Accommodation and Food
14	Commercial/Business/Personal Services – Miscellaneous Services
15	Finance, Insurance, Real Estate, Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Ontario
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Food/Beverage, Tobacco
03	Manufacturing - Leather, Textile, Knitting Mills
04	Manufacturing - Clothing
05	Manufacturing - Wood, Furniture and Fixtures
06	Manufacturing - Primary Metals and Metal Fabrication
07	Manufacturing - Machinery and Transportation Equipment
08	Manufacturing - Electrical Products
09	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
10	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
11	Construction
12	Transportation, Communication and Other Utilities
13	Trade - Wholesale
14	Trade - Retail
15	Finance, Insurance and Real Estate
16	Commercial/Business/Personal Services - Education
17	Commercial/Business/Personal Services – Health and Social
18	Commercial/Business/Personal Services – Services to Business Management
19	Commercial/Business/Personal Services – Personal Services
20	Commercial/Business/Personal Services – Accommodation and Food
21	Commercial/Business/Personal Services – Religion, Recreation & Miscellaneous Services
22	Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Manitoba, Saskatchewan & Alberta
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade
05	Education, Health, Religion, Recreation
06	Business Management, Personal & Miscellaneous Services
07	Commercial/Business/Personal Services – Accommodation and Food
08	Finance, Insurance and Real Estate & Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	British Colombia
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Utilities & Miscellaneous Services
04	Trade
05	Finance, Insurance and Real Estate, Public Administration/Defence, Education, Health & Services Related to Business Management
06	Religion, Personal & Accommodation/Food Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Canada
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping
02	Mines, Quarries and Oil Wells
03	Manufacturing - Food/Beverage, Tobacco
04	Manufacturing - Leather, Textile. Knitting Mills
05	Manufacturing - Clothing
06	Manufacturing - Wood, Furniture and Fixtures
07	Manufacturing - Primary Metals and Metal Fabrication
08	Manufacturing - Machinery and Transportation Equipment
09	Manufacturing - Electrical Products
10	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
11	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
12	Construction
13	Transportation, Communication and Other Utilities
14	Trade - Wholesale
15	Trade - Retail
16	Finance, Insurance and Real Estate (F.I.R.E.)
17	Commercial/Business/Personal Services - Education
18	Commercial/Business/Personal Services - Health and Social
19	Commercial/Business/Personal Services - Religion & Recreation
20	Commercial/Business/Personal Services - Services to Business Management
21	Commercial/Business/Personal Services - Personal Services
22	Commercial/Business/Personal Services - Accommodation and Food
23	Commercial/Business/Personal Services - Miscellaneous Services
24	Public Administration and Defence
31	Industry Unspecified or Undefined

Intended Occupation: The Immigrant Visa and Record of Landing (IMM1000) captures the intended occupation of the immigrant at landing which is coded according to the Canadian Classification and Dictionary of Occupations (CCDO). The occupation aggregations used for each province of residence table are listed below, and a complete list of CCDO occupational definitions (to the 3-digit level) appears in Appendix A.

Province of Residence = Atlantic, Manitoba or Saskatchewan		Province of Residence = Alberta	
OCCUPATION Code	CCDO Group	OCCUPATION Code	CCDO Group
01	CCDO 11/21/23/25/27/31/33/37	01	CCDO 11
02	CCDO 41/51/61	02	CCDO 21
03	CCDO 71/73/75/77	03	CCDO 23/25/27/31/33/37
04	CCDO 81/82/83/85	04	CCDO 41
05	CCDO 87/91/93/95	05	CCDO 51/61
06	CCDO 991	06	CCDO 71/73/75/77
07	CODE 9998 – new worker	07	CCDO 81/82/83/85
08	SIC CODE	08	CCDO 87/91/93/95
09	Live in Caregiver	09	CCDO 991
10	NOC CODE	10	CODE 9998 – new worker
77	Unknown	11	SIC CODE
78	Not in Labour Force	12	Live in Caregiver
99	Total	13	NOC CODE
		77	Unknown
		78	Not in Labour Force
		99	Total

Province of Residence = Quebec		Province of Residence = British Columbia	
OCCUPATION Code	CCDO Group	OCCUPATION Code	CCDO Group
01	CCDO 11	01	CCDO 11
02	CCDO 21	02	CCDO 21
03	CCDO 23/25/27/31/33/37	03	CCDO 23/25/27/31/33/37
04	CCDO 41	04	CCDO 41
05	CCDO 51	05	CCDO 51/61 (excl.614)
06	CCDO 61 (excl. 614)	06	CCDO 614
07	CCDO 614	07	CCDO 71
08	CCDO 71/73/75/77	08	CCDO 73/75/77
09	CCDO 81/82/83	09	CCDO 81/82/83
10	CCDO 85 (excl. 855/856)	10	CCDO 85
11	CCDO 855/856	11	CCDO 87/91/93/95
12	CCDO 87	12	CCDO 991
13	CCDO 91/93/95	13	CODE 9998 – new worker
14	CCDO 991	14	SIC CODE
15	CODE 9998 – new worker	15	Live in Caregiver
16	SIC CODE	16	NOC CODE
17	Live in Caregiver	77	Unknown
18	NOC CODE	78	Not in Labour Force
77	Unknown	99	Total
78	Not in Labour Force		
99	Total		

Province of Residence = Ontario		Province of Residence = Canada	
OCCUPATION Code	CCDO Group	OCCUPATION Code	CCDO Group
01	CCDO 111/113	01	CCDO 111/113
02	CCDO 114	02	CCDO 114
03	CCDO 117	03	CCDO 117
04	CCDO 211/213/218	04	CCDO 211/213
05	CCDO 214/215	05	CCDO 214/215
06	CCDO 216	06	CCDO 216 (excl. 2165)
07	CCDO 23/25	07	CCDO 2165
08	CCDO 27	08	CCDO 218
09	CCDO 31	09	CCDO 23
10	CCDO 33/37	10	CCDO 25
11	CCDO 411	11	CCDO 27
12	CCDO 413	12	CCDO 31 (excl 313)
13	CCDO 41 (excl. 411/413)	13	CCDO 313
14	CCDO 51	14	CCDO 33
15	CCDO 61 (excl. 614/6121)	15	CCDO 37
16	CCDO 6121	16	CCDO 411
17	CCDO 614 (excl.6147)	17	CCDO 413
18	CCDO 6147	18	CCDO 41 (excl. 411/413)
19	CCDO 71	19	CCDO 51
20	CCDO 73/75/77	20	CCDO 61 (excl. 614/6121)
21	CCDO 81/82	21	CCDO 6121
22	CCDO 831	22	CCDO 614 (excl.6147)
23	CCDO 83 (excl. 831)	23	CCDO 6147
24	CCDO 851/852/853/854	24	CCDO 711/713
25	CCDO 855/856	25	CCDO 718/719
26	CCDO 857/859	26	CCDO 73/75/77
27	CCDO 858 (excl. 8581)	27	CCDO 81/82
28	CCDO 8581	28	CCDO 831
29	CCDO 87 (excl. 873)	29	CCDO 83 (excl. 831)
30	CCDO 873	30	CCDO 851/852/853/854
31	CCDO 91	31	CCDO 855
32	CCDO 93/95	32	CCDO 856
33	CCDO 991	33	CCDO 857/859
34	CODE 9998 – new worker	34	CCDO 858 (excl. 8581)
35	SIC CODE	35	CCDO 8581
36	Live in Caregiver	36	CCDO 87 (excl. 873)
37	NOC CODE	37	CCDO 873
77	Unknown	38	CCDO 91
78	Not in Labour Force	39	CCDO 93
99	Total	40	CCDO 95
		41	CCDO 991
		42	CODE 9998 – new worker
		43	SIC CODE
		44	Live in Caregiver
		45	NOC CODE
		77	Unknown
		78	Not in Labour Force
		99	Total

SIC205 – employment earnings by industry and country of origin

TABLE DESCRIPTION

The SIC205 tables contain information on immigrant taxfilers resident in a province broken down by landing year, tax year, gender, age group, country of origin and industry type.

There are eight tables in this set with one file for each province of residence (the Atlantic region is grouped into one provincial area of residence) and one for Canada. The file within the SIC205 structure is as follows (all files are in Beyond 20/20 format):

Province of Residence	Table Name
Atlantic	SIC202E1.ivt
Quebec	SIC 202E2.ivt
Ontario	SIC 202E3.ivt
Manitoba	SIC 202E4.ivt
Saskatchewan	SIC 202E5.ivt
Alberta	SIC 202E6.ivt
British Columbia	SIC 202E7.ivt
Canada	SIC 202E9.ivt

A standard set of 7 data elements are reported for each breakdown combination of immigrant characteristics:

- NUMWITH:** Number of individuals, with the given set of characteristics, who reported employment income
- AVGTARGET:** Average income for those who reported employment income
- AVGINCWT:** Average all income for individuals who reported the target source (all income = employment earnings + u.i. benefits + self-employed earnings + investment income)
- NUM_W_O:** Number of individuals, with the given set of characteristics, who reported NO employment income
- AVGINCWO:** Average all income for individuals who reported NO income from the target source (employment income)
- TOTNUM:** Total number of immigrants with the given set of characteristics (NUMWITH+NUM_W_O)
- PERCENT:** Percent of individuals who reported receiving income from the target source (NUMWITH*100/TOTNUM)

All income variables used within the tables are derived from the T1 (personal income tax return) submitted to Revenue Canada. In order to maintain consistency of measurement over the entire 1980 to 1997 period, some recalculation of variables was necessary. The financial measures are defined as follows - all line numbers are referenced to the 1997 T1 general:

- Employment Earnings** T4 earnings (line 101) + Other Income (Tips) (line 104)
- All Income *** Employment earnings + U.I. Benefits + Earnings from Self-employment + Investment Income

* In order to ensure consistency of measurement across the 1980 to 1997 period, social assistance income is excluded from calculations of All Income. Social assistance income was not reported as a source of income on the T1 until 1992.

DIMENSION CODING

The coding for the breakout dimensions is as follows:

Landing year: runs consecutively from 1980 to 1997

Tax year: runs consecutively from year of landing to 1997. There are no pre-landing tax observation reported in these tables.

Age Group: The age groupings used for each province of residence table are as follows:

AGE Code	Atlantic, Manitoba & Saskatchewan	Quebec, Ontario, Alberta, B.C. & Canada
01	15-24	15-24
02	25-34	25-34
03	35-49	35-49
04	50 and over	50-64
05	-	65 and over
99	Total	Total

Sex:

- 01 - Male
- 02 - Female
- 99 - Total

Province of Residence: As noted above, each province of residence constitutes a separate Beyond 20/20 table and is identified by the last numeric digit of the table name.

Industry Type: The industry type is based on the 1980 Standard Industrial Classification (SIC) of the business from which immigrants received the majority or all of their (T4) employment earnings in a given tax year. Those who did not have any T4 earnings or for whom the SIC code could not be coded were coded as 'unspecified or undefined'. The industry aggregations used for each province of residence are listed below, and a complete list of SIC definitions (to the two digit level) appears in Appendix B.

INDUSTRY Code	Atlantic
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade, Finance, Insurance, Real Estate, Public Administration and Defence
05	Education, Health, Religion, Recreation
06	Business Management, Personal, Accommodation/Food and Miscellaneous Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Quebec
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Leather, Textile, Knitting Mills
03	Manufacturing - Clothing
04	Manufacturing - Primary Metal, Metal Fabrication., Machinery, Transportation, Electrical Equipment
05	Manufacturing - Food/Beverage & Tobacco
06	Manufacturing - Rubber, Wood, Furniture, Paper, Print, Non-Metals, Petrol, Chemicals & Miscellaneous
07	Construction, Transportation, Communication and Other Utilities
08	Trade - Wholesale
09	Trade - Retail
10	Commercial/Business/Personal Services - Education
11	Commercial/Business/Personal Services - Health, Religion, Recreation & Personal Services
12	Commercial/Business/Personal Services - Services to Business Management
13	Commercial/Business/Personal Services - Accommodation and Food
14	Commercial/Business/Personal Services - Miscellaneous Services
15	Finance, Insurance, Real Estate, Public Administration and Defence
31	Industry Unspecified or Undefined

Industry Code	Ontario
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing - Food/Beverage, Tobacco
03	Manufacturing - Leather, Textile, Knitting Mills
04	Manufacturing - Clothing
05	Manufacturing - Wood, Furniture and Fixtures
06	Manufacturing - Primary Metals and Metal Fabrication
07	Manufacturing - Machinery and Transportation Equipment
08	Manufacturing - Electrical Products
09	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
10	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
11	Construction
12	Transportation, Communication and Other Utilities
13	Trade - Wholesale
14	Trade - Retail
15	Finance, Insurance and Real Estate
16	Commercial/Business/Personal Services - Education
17	Commercial/Business/Personal Services – Health and Social
18	Commercial/Business/Personal Services – Services to Business Management
19	Commercial/Business/Personal Services – Personal Services
20	Commercial/Business/Personal Services – Accommodation and Food
21	Commercial/Business/Personal Services – Religion, Recreation & Miscellaneous Services
22	Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	Manitoba, Saskatchewan & Alberta
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Other Utilities
04	Trade
05	Education, Health, Religion, Recreation
06	Business Management, Personal & Miscellaneous Services
07	Commercial/Business/Personal Services – Accommodation and Food
08	Finance, Insurance and Real Estate & Public Administration and Defence
31	Industry Unspecified or Undefined

INDUSTRY Code	British Colombia
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping, Mines, Quarries and Oil Wells
02	Manufacturing
03	Construction, Transportation, Communication and Utilities & Miscellaneous Services
04	Trade
05	Finance, Insurance and Real Estate, Public Administration/Defence, Education, Health & Services Related to Business Management
06	Religion, Personal & Accommodation/Food Services
31	Industry Unspecified or Undefined

INDUSTRY Code	Canada
99	All Industries
01	Agriculture, Forestry, Fishing/Trapping
02	Mines, Quarries and Oil Wells
03	Manufacturing - Food/Beverage, Tobacco
04	Manufacturing - Leather, Textile. Knitting Mills
05	Manufacturing - Clothing
06	Manufacturing - Wood, Furniture and Fixtures
07	Manufacturing - Primary Metals and Metal Fabrication
08	Manufacturing - Machinery and Transportation Equipment
09	Manufacturing - Electrical Products
10	Manufacturing - Rubber, Paper, Non-Metal, Petrol & Chemical
11	Manufacturing - Printing, Publishing, & Miscellaneous Manufacturing
12	Construction
13	Transportation, Communication and Other Utilities
14	Trade - Wholesale
15	Trade - Retail
16	Finance, Insurance and Real Estate (F.I.R.E.)
17	Commercial/Business/Personal Services - Education
18	Commercial/Business/Personal Services - Health and Social
19	Commercial/Business/Personal Services - Religion & Recreation
20	Commercial/Business/Personal Services - Services to Business Management
21	Commercial/Business/Personal Services - Personal Services
22	Commercial/Business/Personal Services - Accommodation and Food
23	Commercial/Business/Personal Services - Miscellaneous Services
24	Public Administration and Defence
31	Industry Unspecified or Undefined

Country of Origin: Country of origin codes for the SIC205 tables are based on the Country of Last Permanent Residence from the Immigrant Visa and Record of Landing (IMM1000). The country aggregations used for each province of residence table are as follows:

Province of Residence = Atlantic		Province of Residence = Saskatchewan	
COUNTRY Code	Country of Origin	COUNTRY Code	Country of Origin
01	Britain	01	Western Europe & Britain
02	Europe	02	East & Southern Europe
03	West Asia & Africa	03	West Asia, Africa, Oceania & Australia
04	Oceania & Australia	04	Asia (excl. West Asia)
05	Asia (excl. West Asia)	05	South America, Central America & Caribbean
06	South America, Central America & Caribbean	06	United States
07	United States	77	Unknown
77	Unknown	99	Total
99	Total		

Province of Residence = Manitoba		Province of Residence = Alberta	
COUNTRY Code	Country of Origin	COUNTRY Code	Country of Origin
01	Western Europe & Britain	01	Britain
02	Eastern Europe	02	West & Southern Europe
03	Southern Europe	03	Eastern Europe
04	West Asia, Africa, Oceania & Australia	04	West Asia & Africa
05	South Asia	05	Oceania, Australia, Caribbean & Guyana
06	East & S.E. Asia (excl. Philippines, Vietnam, Laos & Kamputchea)	06	South Asia
07	Philippines	07	East & S.E. Asia (excl. Vietnam, Laos & Kamputchea)
08	Vietnam, Laos & Kamputchea	08	Vietnam, Laos & Kamputchea
09	South America & Central America (excl. Guyana)	09	South America & Central America (excl. Guyana)
10	Caribbean & Guyana	10	United States
11	United States	77	Unknown
77	Unknown	99	Total
99	Total		

Province of Residence = Quebec		Province of Residence = British Columbia	
COUNTRY Code	Country of Origin	COUNTRY Code	Country of Origin
01	West Europe (excl. France) & Britain	01	Britain
02	France	02	Western Europe
03	Eastern Europe	03	Eastern Europe
04	Southern Europe	04	Southern Europe
05	West Asia	05	West Asia & Africa
06	North Africa	06	Oceania & Australia
07	Africa (excl. North Africa), Oceania & Australia	07	South Asia (excl. India)
08	South Asia	08	India
09	East & S.E. Asia (excl. Vietnam, Laos, Kamputchea & Hong Kong)	09	East & S.E. Asia (excl. Philippines, Vietnam, Laos, Kamputchea, Hong Kong & Mainland China)
10	Vietnam, Laos & Kamputchea	10	Philippines
11	Hong Kong	11	Vietnam, Laos & Kamputchea
12	South America & Central America (excl. Guyana)	12	Hong Kong
13	Caribbean (excl. Haiti) & Guyana	13	Mainland China
14	Haiti	14	South America & Central America (excl. Guyana)
15	United States	15	Caribbean & Guyana
77	Unknown	16	United States
99	Total	77	Unknown
		99	Total

Province of Residence = Ontario		Province of Residence = Canada	
COUNTRY Code	Country of Origin	COUNTRY Code	Country of Origin
01	Britain	01	Britain
02	Western Europe	02	Western Europe
03	Eastern Europe (excl. Poland)	03	Eastern Europe (excl. Poland)
04	Poland	04	Poland
05	Southern Europe (excl. Portugal)	05	Southern Europe
06	Portugal	06	West Asia
07	West Asia	07	Africa
08	Africa	08	Oceania & Australia
09	Oceania & Australia	09	South Asia (excl. India)
10	South Asia (excl. India)	10	India
11	India	11	East & S.E. Asia (excl. Philippines, Vietnam, Laos, Kamputchea & Hong Kong)
12	East & S.E. Asia (excl. Philippines, Vietnam, Laos, Kamputchea & Hong Kong)	12	Philippines
13	Philippines	13	Vietnam, Laos & Kamputchea
14	Vietnam, Laos & Kamputchea	14	Hong Kong
15	Hong Kong	15	South America & Central America (excl. Guyana)
16	South America (excl. Guyana)	16	Caribbean & Guyana
17	Guyana	17	United States
18	Central America	77	Unknown
19	Caribbean (excl. Jamaica)	99	Total
20	Jamaica		
21	United States		
77	Unknown		
99	Total		

Appendix A

CANADIAN CLASSIFICATION DICTIONARY OF OCCUPATIONS (CCDO) CODING

- 11 Managerial, Administrative and Related Occupations
 - 111 Officials and Administrators Unique to Government
 - 113/114 Other Managers and Administrators
 - 117 Occupations Related to Management and Administration

- 21 Occupations in Natural Sciences, Engineering and Mathematics
 - 211 Occupations in Physical Sciences
 - 213 Occupations in Life Sciences
 - 214/215 Architects and Engineers
 - 216 Other Occupations in Architecture and Engineering
 - 2165 Architectural and Engineering Technologists and Technicians
 - 218 Occupations in Mathematics, Statistics, Systems Analysis and Related Fields

- 23 Occupations in Social Sciences and Related Fields
 - 231 Occupations in Social Sciences
 - 233 Occupations in Social Work and Related Fields
 - 234 Occupations in Law and Jurisprudence
 - 235 Occupations in Library, Museum and Archival Sciences
 - 239 Other Occupations in Social Sciences and Related Fields

- 25 Occupations in Religion
 - 251 Occupations in Religion

- 27 Teaching and Related Occupations
 - 271 University Teaching and Related Occupations
 - 273 Elementary and Secondary School Teaching and Related Occupations
 - 279 Other Teaching and Related Occupations

- 31 Occupations in Medicine and Health
 - 311 Health Diagnosing and Treating Occupations
 - 313 Nursing, Therapy and Related Assisting Occupations
 - 315 Other Occupations in Medicine and Health

- 33 Occupations in Fine and Commercial Art, Photography and Related Fields
 - 331 Occupations in Fine and Commercial Art, Photography and Related Fields
 - 333 Occupations in Performing and Audiovisual Arts
 - 335 Occupations in Writing

- 37 Occupations in Sport and Recreation
 - 371 Occupations in Sport and Recreation

- 41 Clerical and Related Occupations
 - 411 Stenographic and Typing Occupations
 - 413 Bookkeeping, Account-Recording and Related Occupations
 - 414 Office Machine and Electronic Data-Processing Equipment Operators
 - 415 Material Recording, Scheduling and Distributing Occupations
 - 416 Library, File and Correspondence Clerks and Related Occupations
 - 417 Reception, Information, Mail and Message Distribution Occupations
 - 419 Other Clerical and Related Occupations

- 51 Sales Occupations
 - 513/514 Sales Occupations, Commodities
 - 517 Sales Occupations, Services
 - 519 Other Sales Occupations

- 61 Service Occupations
 - 611 Protective Service Occupations
 - 612 Food and Beverage Preparation and Related Service Occupations
 - 6121 Chefs and Cooks
 - 613 Occupations in Lodging and Other Accommodation
 - 614 Personal Service Occupations
 - 6147 Child-Care Occupations
 - 616 Apparel and Furnishing Service Occupations
 - 619 Other Service Occupations

- 71 Farming, Horticultural and Animal-Husbandry Occupations
 - 711 Farmers
 - 713 Farm Management Occupations
 - 718/719 Other Farming, Horticultural and Animal-Husbandry Occupations

- 73 Fishing, Trapping and Related Occupations
 - 731 Fishing, Trapping and Related Occupations

- 75 Forestry and Logging Occupations
 - 751 Forestry and Logging Occupations

- 77 Mining and Quarrying Including Oil and Gas Field Occupations
 - 771 Mining and Quarrying Including Oil and Gas Field Occupations

- 81/82 Processing Occupations
 - 811 Mineral Ore Treating Occupations
 - 813/814 Metal Processing and Related Occupations
 - 815 Clay, Glass and Stone Processing, Forming and Related Occupations
 - 816/817 Chemicals, Petroleum, Rubber, Plastic and Related Materials Processing Occupations
 - 821/822 Food, Beverage and Related Processing Occupations
 - 823 Wood Processing Occupations, Except Paper Pulp
 - 825 Pulp and Papermaking and Related Occupations
 - 826/827 Textile Processing Occupations
 - 829 Other Processing Occupations

- 83 Machining and Related Occupations
 - 831 Metal Machining Occupations
 - 833 Metal Shaping and Forming Occupations, Except Machining
 - 835 Wood Machining Occupations
 - 837 Clay, Glass and Stone and Related Materials Machining Occupations
 - 839 Other Machining and Related Occupations

- 85 Product Fabricating, Assembling and Repairing Occupations
 - 851/852 Fabricating and Assembling Occupations, Metal Products, N.E.C.
 - 853 Fabricating, Assembling, Installing and Repairing Occupations:
Electrical, Electronic and Related Equipment
 - 854 Fabricating, Assembling, and Repairing Occupations: Wood Products
 - 855/856 Fabricating, Assembling, and Repairing Occupations: Textile, Fur and
Leather Products
 - 857 Fabricating, Assembling, and Repairing Occupations: Rubber, Plastic
and Related Products
 - 858 Mechanics and Repairers, Except Electrical
 - 8581 Motor-Vehicle Mechanics and Repairers
 - 859 Other Product Fabricating, Assembling and Repairing Occupations

- 87 Construction Trades Occupations
 - 871 Excavating, Grading, Paving and Related Occupations
 - 873 Electrical Power, Lighting and Wire Communications Equipment
Erecting, Installing and Repairing Occupations
 - 878/879 Other Construction Trades Occupations

- 91 Transport Equipment Operating Occupations
 - 911 Air Transport Operating Occupations
 - 913 Railway Transport Operating Occupations
 - 915 Water Transport Operating Occupations
 - 917 Motor Transport Operating Occupations
 - 919 Other Transport and Related Equipment Operating Occupations

- 93 Material Handling and Related Occupations, N.E.C.
 - 931 Material Handling and Related Occupations, N.E.C.

- 95 Other Crafts and Equipment Operating Occupations
 - 951 Printing and Related Occupations
 - 953 Stationary Engine and Utilities Equipment Operating and Related
Occupations
 - 955 Electronic and Related Communications Equipment Operating
Occupations, N.E.C.
 - 959 Other Crafts and Equipment Operating Occupations, N.E.C.

- 99 Occupations Not Elsewhere Classified
 - 991 Occupations Not Elsewhere Classified

Appendix B

STANDARD INDUSTRIAL CLASSIFICATION 1980 (SIC) CODING

Division A – Agricultural and Related Service Industries

Major Group 01 – Agriculture Industries

Major Group 02 – Service Industries Incidental to Agriculture

Division B – Fishing and Trapping Industries

Major Group 03 – Fishing and Trapping Industries

Division C - Logging and Forestry Industries

Major Group 04 – Logging Industry

Major Group 05 – Forestry Services Industry

Division D – Mining (including milling), Quarrying and Oil Well Industries

Major Group 06 – Mining Industries

Major Group 07 – Crude Petroleum and Natural Gas Industries

Major Group 08 – Quarry and Sand Pit Industries

Major Group 09 – Service Industries Incidental to Mineral Extraction

Division E – Manufacturing Industries

Major Group 10 – Food Industries

Major Group 11 – Beverage Industries

Major Group 12 – Tobacco Products

Major Group 15 – Rubber Product Industries

Major Group 16 – Plastic Products Industries

Major Group 17 – Leather and Allied Products Industries

Major Group 18 – Primary Textile Industries

Major Group 19 – Textile Products Industries

Major Group 24 – Clothing Industries

Major Group 25 – Wood Industries

Major Group 26 – Furniture and Fixture Industries

Major Group 27 – Paper and allied Products Industries

Major Group 28 – Printing, Publishing and Allied Industries

Major Group 29 – Primary Metal Industries

Major Group 30 – Fabricated Metal Products Industries (Except Machinery and
Transportation Equipment Industries)

Major Group 31–Machinery Industries (Except Electrical Machinery)

Major Group 32 – Transportation Equipment Industries

Major Group 33 – Electrical and Electronic Products Industries

Major Group 35 – Non-Metallic Mineral Products Industries

Major Group 36 – Refined Petroleum and Coal Products Industries

Major Group 37 – Chemical and Chemical Products Industries

Major Group 39 – Other Manufacturing Industries

Division F – Construction Industries

Major Group 40 – Building, Developing and General Contracting Industries

Major Group 41 – Industrial and Heavy (Engineering) Construction Industries

Major Group 42 – Trade Contracting Industries

Major Group 44 – Service Industries Incidental to Construction

Division G – Transportation and Storage Industries

- Major Group 45 – Transportation Industries
- Major Group 46 – Pipeline Transport Industries
- Major Group 47 – Storage and Warehousing Industries

Division H – Communication and Other Utility Industries

- Major Group 48 – Communication Industries
- Major Group 49 – Other Utility Industries

Division I – Wholesale Trade Industries

- Major Group 50 – Farm Products Industries, Wholesale
- Major Group 51 – Petroleum Products Industries, Wholesale
- Major Group 52 – Food, Beverage, Drug and Tobacco Industries, Wholesale
- Major Group 53 – Apparel and Dry Goods Industries, Wholesale
- Major Group 54 – Household Goods Industries, Wholesale
- Major Group 55 – Motor Vehicle, Parts and Accessories Industries, Wholesale
- Major Group 56 – Metals, Hardware, Plumbing, Heating and Building Materials Industries, Wholesale
- Major Group 57 – Machinery, Equipment and Supplies Industries, Wholesale
- Major Group 59 – Other Products Industries, Wholesale

Division J – Retail Trade Industries

- Major Group 60 – Food, Beverage and Drug Industries, Retail
- Major Group 61 – Shoe, Apparel, Fabric and Yarn Industries, Retail
- Major Group 62 – Household Furniture, Appliances and Furnishings Industries, Retail
- Major Group 63 – Automotive Vehicles, Parts and Accessories Industries, Sales and Service
- Major Group 64 – General Retail Merchandising Industries
- Major Group 65 – Other Retail Store Industries
- Major Group 69 – Non-Store Retail Industries

Division K – Finance and Insurance Industries

- Major Group 70 – Deposit Accepting Intermediary Industries
- Major Group 71 – Consumer and Business Financing Intermediary Industries
- Major Group 72 – Investment Intermediary Industries
- Major Group 73 – Insurance Industries
- Major Group 74 – Other Financial Intermediary Industries

Division L – Real Estate Operator and Insurance Agent Industries

- Major Group 75 – Real Estate Operator Industries (Except Developers)
- Major Group 76 – Insurance and Real Estate Agent Industries

Division M – Business Service Industries

- Major Group 77 – Business Service Industries

Division N – Government Service Industries

Major Group 81 – Federal Government Service Industries

Major Group 82 – Provincial and Territorial Government Service Industries

Major Group 83 – Local Government Service Industries

Major Group 84 – International and Other Extra-Territorial Government Services

Division O – Educational Services Industries

Major Group 85 – Education Service Industries

Division P – Health and Social Service Industries

Major Group 89 – Health and Social Service Industries

Division Q – Accommodation, Food and Beverage Service Industries

Major Group 91 – Accommodation Service Industries

Major Group 92 – Food and Beverage Service Industries

Division R – Other Service Industries

Major Group 96 – Amusement and Recreational Service Industries

Major Group 97 – Personal and Household Service Industries

Major Group 98 – Membership Organization Industries

Major Group 99 – Other Service Industries