Using longitudinal data for research - IMDB 2018

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Why longitudinal data for immigration statistics?

- To study immigration is to study change
 - Changes in residence
 - Immigration and emigration
 - Subnational migration
 - Changes in status
 - Temporary to permanent resident
 - Citizenship acquisition
- Integration and settlement are processes not states
 - Socio-economic outcomes evolve over time
 - Impact of interventions
 - Macro-level interventions (e.g., policy changes, shifts in economy)
 - Micro-level interventions (e.g. post-secondary participation)





Overview

- 1) Population coverage
 - Historical data
- 2) Incomes Outcomes
 - Express Entry, Wages and salaries
- 3) Families
 - Spousal information, Children
- 4) Settlement process
 - NPR, Settlement services, Citizenship, mobility
- 5) Data access and resources
- 6) Using and understanding the data







The IMDB integrates many data sources ...





Target population: All immigrants admitted to Canada since 1952 All non-permanent resident permits since 1980







1. Population coverage

- Files now include non filers
- The historical data provides a pseudo census of immigrants
 - 111,000 immigrants or 1.5% of immigrants remain excluded (2016)

Census of immigrants	7,540,830										
Administrative files											
PR 1980-2018	8,334,365										
PR 1952-1979	4,113,675										
PR 1952-2018	12,427,030										
NPR Permit	16,864,550										
NPR People	7,036,100										
Source: 2016 Census, 2018 IMDB											





Population coverage

Number of immigrants by year of immigration and data source



Source: Statistics Canada, 2018 Longitudinal Immigration database



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2. Incomes and outcomes

- Express entry data
 - Covers selection criteria of economic immigrants
 - Offers details on immigrant background
- Wages and salaries
 - Provides more up-to-date (2018) income information
 - Extends the non-permanent resident population (for non T1 filer)
- T1 Family file
 - Family and individual information
 - Detailed outcomes reporting





3. Families

- Spousal and family composition
 - Links spousal information to the immigrant
 - Family income variables
- Immigrant children
 - Provide family outcomes for children 0 to 18 years of age (over 2 millions)
 - Provides a link between children and both parents (Canadian included)





4. Settlement process

- Non-permanent resident transitions
 - W/ details on each permit and trajectories available
- Settlement services (since 2013)
 - e.g. Details on language training/level
- Citizenship date (since 2005)
- Mobility of immigrants





5. Data access and resources

Centralized immigration portal <u>www.statcan.ca/immigration-e</u>

Technical report / User Guide

- •Describe the IMDB, components, and data quality
- Provide guidance/examples on how to analyse results

Interactive app

www.statcan.ca/immigration-e

Dynamic Tables

National/provincial/sub-provincial tables released annually
Income and mobility outcomes
www.statcan.ca/immigration-e







Home
Subjects
Immigration and ethnocultural diversity statistics
Immigrants and non-permanent residents statistics

Immigrants and non-permanent residents statistics



Bringing together data, tools and reports to provide you with the latest information on immigrants and non-permanent residents in Canada.

Health and well-

being of immigrants

<u>Language of</u> immigrants

Find data on

Education, training

and skills

Labour and income

Canada



Key indicators | * All indicators

Quarterly population estimate	37,589,262
(July 1, 2019)	0.5% 🕇
	(quarterly change)
Immigrants (%)	21.9
(2016 Census of Population)	
Number of recent immigrants	(landed between
0044	
2011 and 2016)	



Features



The Canadian Immigrant Labour Market: Recent Trends from 2006 to 2017





Pause



6. Using and understanding the data





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Data: Value Ad	lmission year 🚯: 2007, admission year 👘 Sex 🚯: To	tal, Sex Profile: Total, citizenship					
			year	2008	2010	2013	2017
Geography 🛛 📢	Category (🔂 Measures					
		Total number of residents	0	57,270	57,755	57,100	56,065
		Citizenship intake rate	0	0.1	1.7	41.4	63.8
	Immigrants sponsored by family	Incidence of wages, salaries and commissions	0	65.7	62.6	62.5	62.1
		Incidence of social assistance	0	3.6	4.9	5.4	7.1
Canada		Median wages, salaries and commissions	0	18,300	20,600	24,700	30,000
		Total number of residents	0	43,865	44,685	42,760	39,660
		Citizenship intake rate	0	0.0	1.9	53.2	80.6
	Economic Immigrant, principal applicant	Incidence of wages, salaries and commissions	0	78.3	77.5	78.8	79.1
		Incidence of social assistance	0	7.5	5.2	2.9	2.5
		Median wages, salaries and commissions	0	29,500	36,100	45,600	52,600
		Total number of residents	0	18,675	19,580	20,700	21,940
		Citizenship intake rate	0	0.1	8.2	55.6	77.2
	Refugee	Incidence of wages, salaries and commissions	0	60.5	61.1	64.5	66.3
		Incidence of social assistance	0	49.1	38.8	28.7	23.8
		Median wages, salaries and commissions	0	15,300	17,800	21,700	25,000
		Total number of residents	0	6,395	6,515	6,835	6,815
		Citizenship intake rate	0	0.2	1.2	40.9	64.7
	Immigrants sponsored by family	Incidence of wages, salaries and commissions	0	76.2	71.3	71.5	68.7
		Incidence of social assistance	0	4.9	6.2	6.4	4.8
		Median wages, salaries and commissions	0	25,900	27,700	33,400	36,000
		Total number of residents	0	4,750	4,840	5,065	4,800
		Citizenship intake rate	0	0.0	1.8	59.9	83.9
Alberta	Economic Immigrant, principal applicant	Incidence of wages, salaries and commissions	0	91.8	89.4	89.1	86.3
		Incidence of social assistance	0	6.9	5.5	2.2	1.8
		Median wages, salaries and commissions	0	43,600	50,400	63,900	64,600
		Total number of residents	0	2,465	2,555	3,080	3,280
		Citizenship intake rate	0	0.0	4.1	54.7	77.6
	Refugee	Incidence of wages, salaries and commissions	0	81.9	77.3	78.7	73.5
		Incidence of social assistance	0	39.8	26.8	16.1	15.1
		Median wages, salaries and commissions	0	25,000	27,100	32,200	32,000
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Source: Statistics Canada, IMDB Table 43-10-0020





Interactive application - Mobility



Source: Statistics Canada, CODR 43-10-0017 & 43-10-0018







Source: Statistics Canada, CODR 43-10-0017 & 43-10-0018







Source: Statistics Canada, CODR 43-10-0017 & 43-10-0018



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Source: Statistics Canada, CODR 43-10-0016

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	Α	_	В			С		D		E		F		G		Н	I
4	Row Labels	- E	Cono	mic In	Ecc	onomic Im	lmn	nigrants s	Otł	ver immigi	Ref	lugee	Tot	al, immig	Gra	and Total	
5	1		\$ 23	9,500	\$	14,800	\$	18,300	\$	20,100	\$	15,300	\$	20,400	\$	118,400	
6	2		\$ 33	3,200	\$	16,100	\$	19,100	\$	20,800	\$	16,700	\$	21,900	\$	127,800	
7	3		\$3	6,100	\$	17,300	\$	20,600	\$	20,600	\$	17,800	\$	23,600	\$	136,000	
8	4		\$ 33	9,400	\$	18,800	\$	21,800	\$	21,700	\$	19,600	\$	25,500	\$	146,800	
9	5		\$ 42	2,500	\$	20,500	\$	23,600	\$	23,600	\$	20,800	\$	27,200	\$	158,200	
10	6		\$ 45	5,600	\$	21,900	\$	24,700	\$	24,300	\$	21,700	\$	28,700	\$	166,900	
11	7		\$ 41	7,600	\$	23,200	\$	25,700	\$	25,000	\$	22,600	\$	29,900	\$	174,000	
12	8		\$ 49	9,600	\$	24,400	\$	27,100	\$	25,900	\$	23,300	\$	31,200	\$	181,500	
13	9		\$ 50	0,900	\$	25,300	\$	28,100	\$	26,600	\$	24,300	\$	32,000	\$	187,200	
14	10		\$ 52	2,600	\$	26,900	\$	30,000	\$	27,300	\$	25,000	\$	33,500	\$	195,300	
15	Grand Total		42	7000		209200		239000		235900		207100		273900		1592100	
16	2	-			1				<u> </u>				1				-77
17	Sum of Sum of Value																
18	\$60,000																
19																	
~~	11																



Source: Statistics Canada, CODR 43-10-0016





Incidence of employment among refugees increases over time



Source: Statistics Canada, 2016 Longitudinal Immigration Database, table 43-10-0014 ; 2017 Canadian Income Survey, table 11-10-0239-04





IRCC-Statistics Canada collaboration

- IRCC and Statistics Canada's collaboration led to various **enhancements** and **linkages** between the IMDB and other data sources (e.g. Census, GSS).
- In addition, IRCC and the provinces funded the access of these **datasets in the RDCs** for a broader access to the research community.
 - This collaboration aims to facilitate access and research to immigration, settlement and citizenship information





For more information, please visit <u>www.statcan.ca/immigration-e</u> <u>www.statcan.ca/immigration-f</u>

or contact:

SASD Client Services / DSSEA Service à clientèle

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