

Using longitudinal data for research - IMDB 2018

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Delivering insight through data for a better Canada







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
- Using and understanding the data

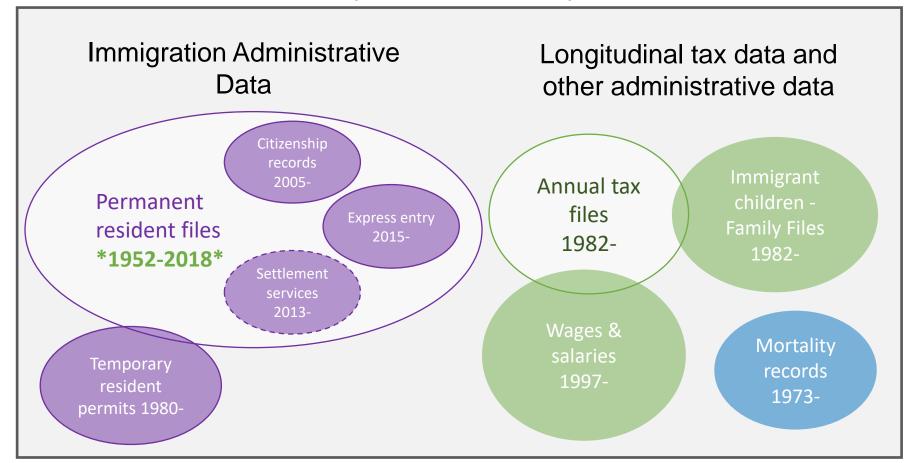




The IMDB integrates many data sources ...



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







- 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			

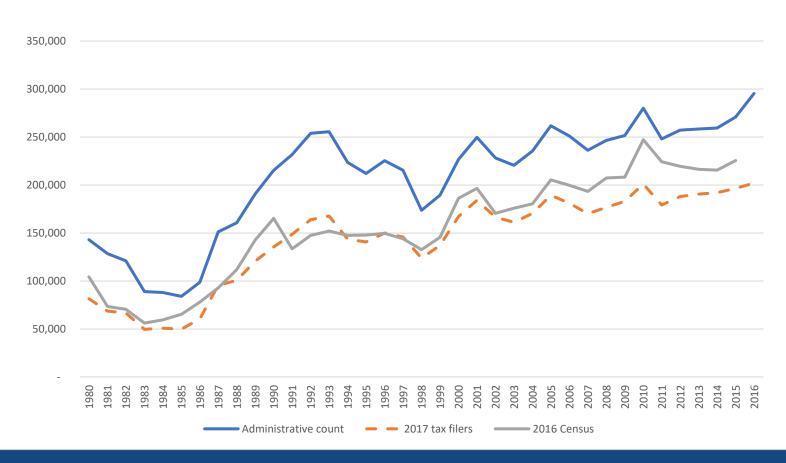
Source: 2016 Census, 2018 IMDB





Population coverage

Number of immigrants by year of immigration and data source













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 www.statcan.ca/immigration-e

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



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.







Education, training and skills



Labour and income



Health and well-

being of immigrants

Language of immigrants

More related subjects: Immigrants and non-permanent residents

Features

4 of 6







Pause

6. Using and understanding the data



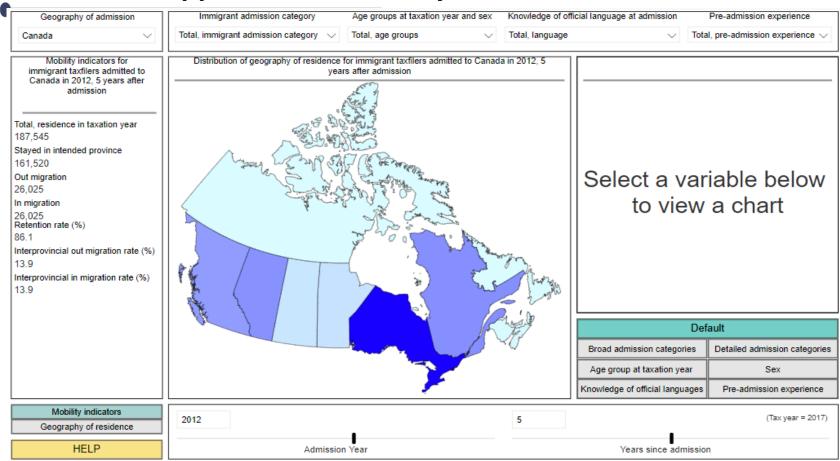
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Data: Value Ad	lmission year 🐧: 2007, admission year 💎 Sex 🐧: Tota	al, Sex Profile: Total, citizenship					
		Тах у	year	2008	2010	2013	2017
Geography 6	Category 6	Measures					
	Immigrants sponsored by family	Total number of residents	0	57,270	57,755	57,100	56,065
		Citizenship intake rate	0	0.1	1.7	41.4	63.8
		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
		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
Canada	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
	Refugee	Citizenship intake rate	0	0.1	8.2	55.6	77.2
		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
Alberta	Immigrants sponsored by family	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
		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
	Economic Immigrant, principal applicant	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
		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
	Refugee	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
		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

Source: Statistics Canada, IMDB Table 43-10-0020





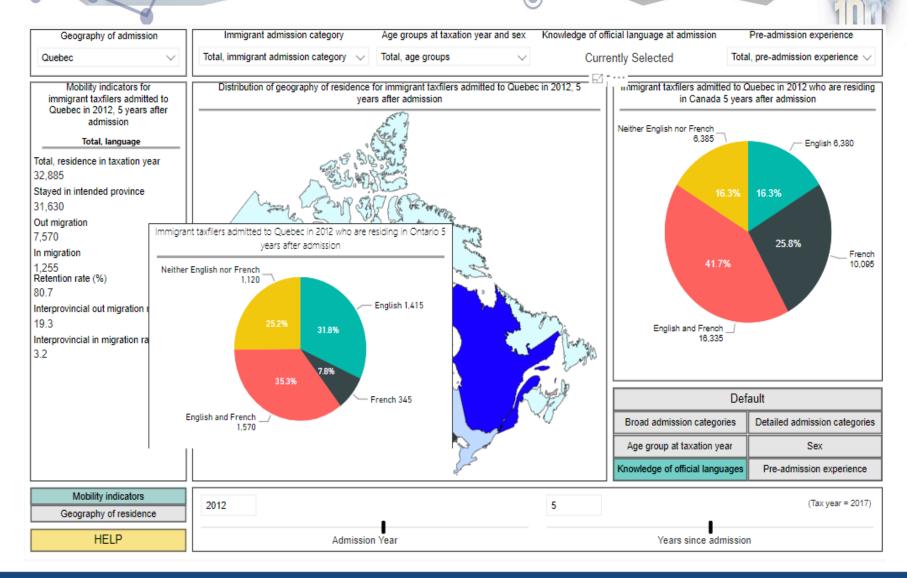
Interactive application - Mobility



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



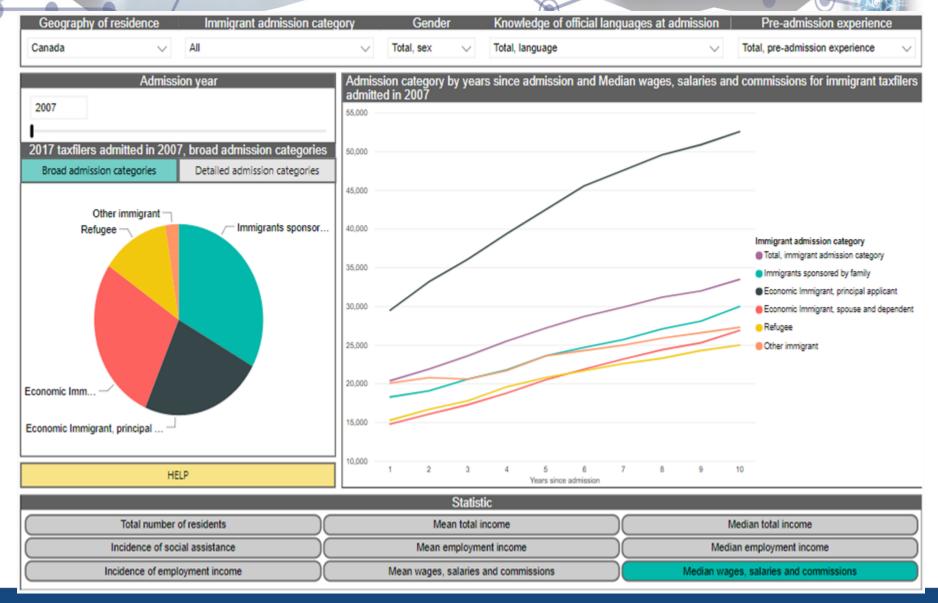




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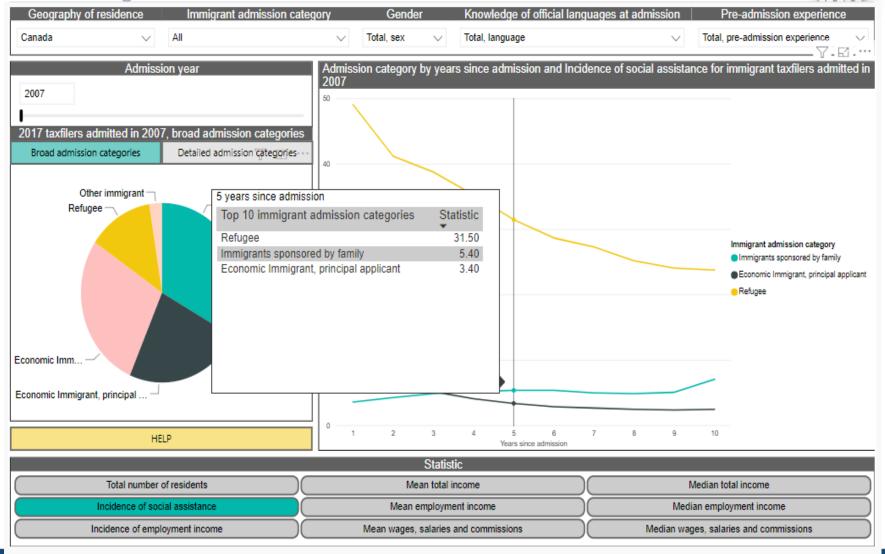




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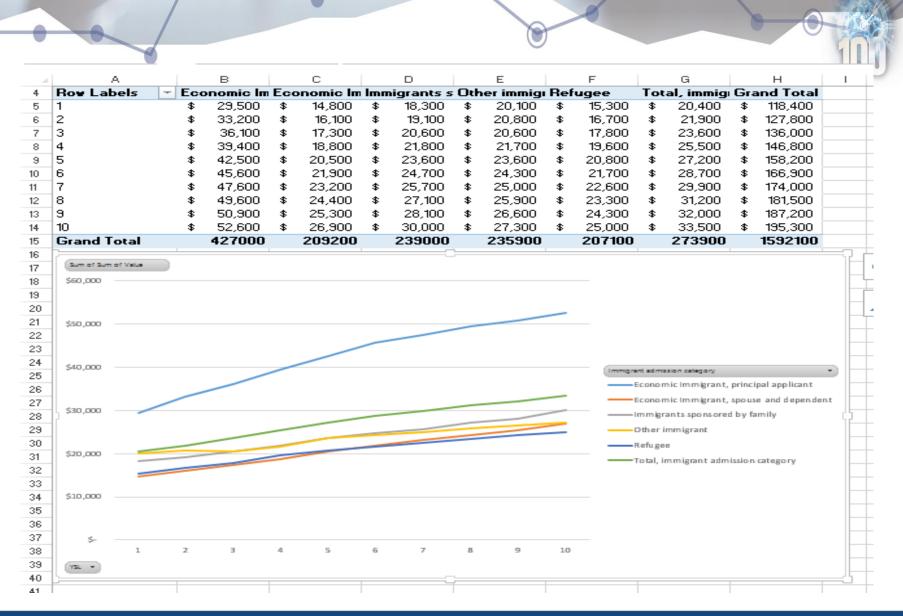










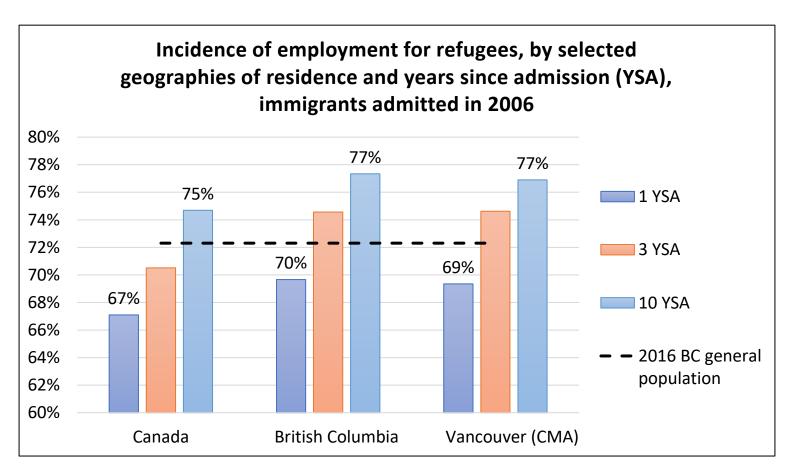


Source: Statistics Canada, CODR 43-10-0016





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 (STATCAN) <u>statcan.sasdclientservices-</u> <u>dsseaserviceaclientele.statcan@canada.ca</u>

THANK YOU!

#StatCan100









