

# The IMDB:

## A Game Changer for Immigration Research

---

2019 PATHWAYS TO PROSPERITY

OCTOBER 31, 2019

*WORKSHOP: EVOLUTION AND FUTURE OF THE IMMIGRATION DATA LANDSCAPE*

YOKO YOSHIDA(DALHOUSIE UNIVERSITY)



# Game change

---

- Expanding the research tools for small areas/specific groups

Pre IMDB: Limited data for generating trends

The Census- limited in contents

The LSIC – limited sample size

Qualitative focus → qualitative & quantitative

- Working with partners

bring in various expertise from different fields

Research design → Data analysis → Interpretation → Dissemination

# Change of the game - Genesis

- Pathways to Prosperity funded project in 2014



WHO ARE RECENT IMMIGRANTS AND  
WHAT ARE THEIR ECONOMIC ACTIVITIES?

AN ANALYSIS OF SOCIO-DEMOGRAPHIC  
PROFILES AND ECONOMIC ACTIVITIES  
ACROSS IMMIGRATION CATEGORIES

**Yoko Yoshida**, Dalhousie University; **Howard Ramos**, Dalhousie University; **Madine VanderPlaat**, Saint Mary's University; **Gerry Mills**, Immigrant Services Association of Nova Scotia; **Nabiha Atallah**, Immigrant Services Association of Nova Scotia

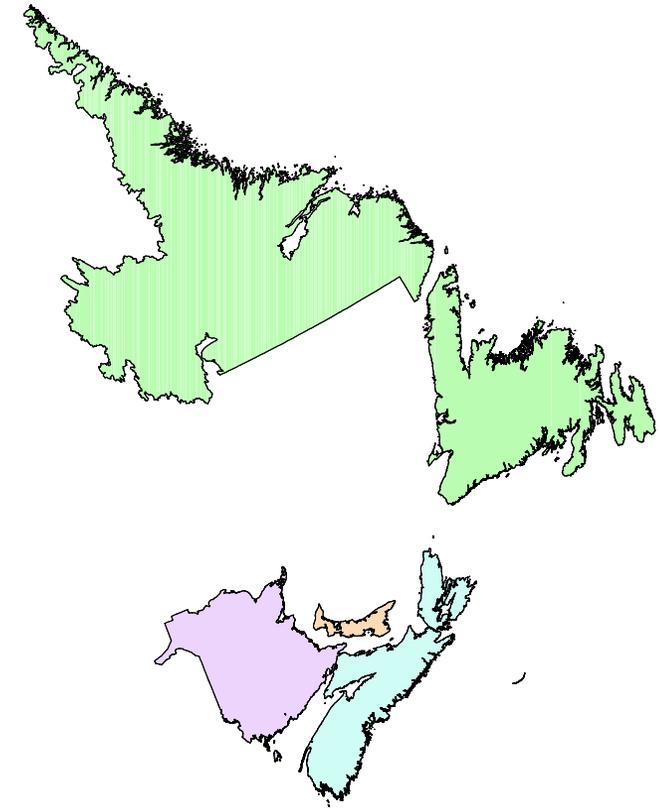
A Pathways to  
Prosperity Project  
December 2015



# Demographic profiles and economic outcomes

---

- Who comes to NS?
  - How do they (re)settle in our region?
- Shortage of data to address these issues for smaller region.



# Micro trends (in the Report)

---

## By cohort

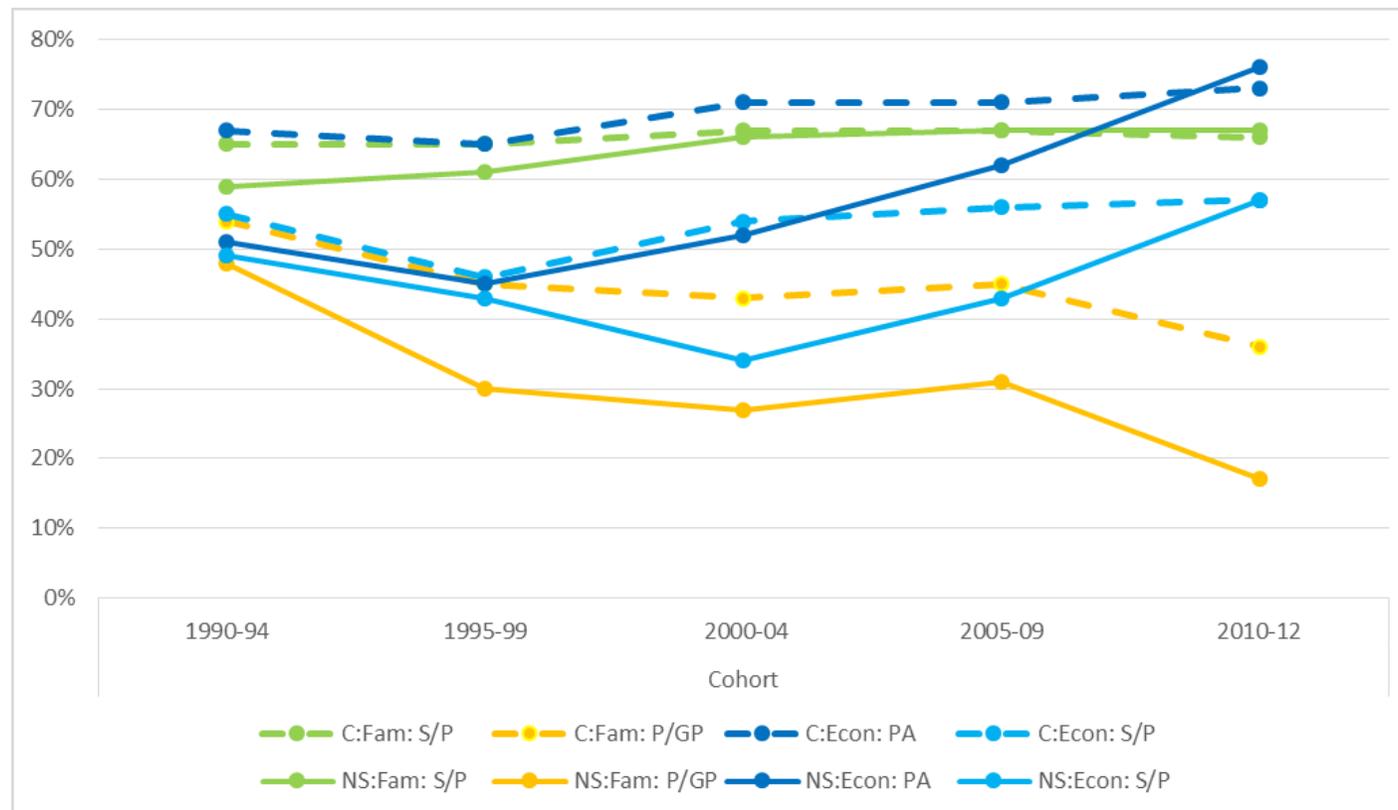


## By admission category

Economic class	Family class
SW Principal Applicant	Spouses/Partners
SW Spouse/Dependent	Children
	Parents/G.parents

# Findings

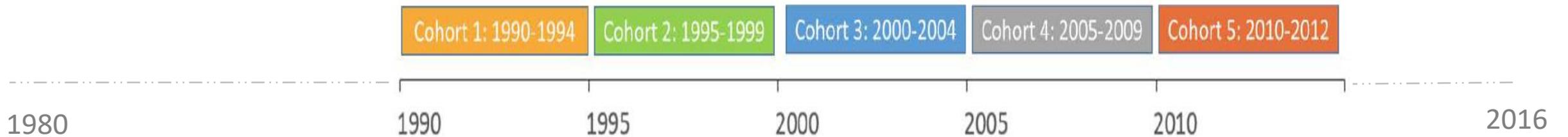
## Employment rates 1 year since landing by immigration category & cohort



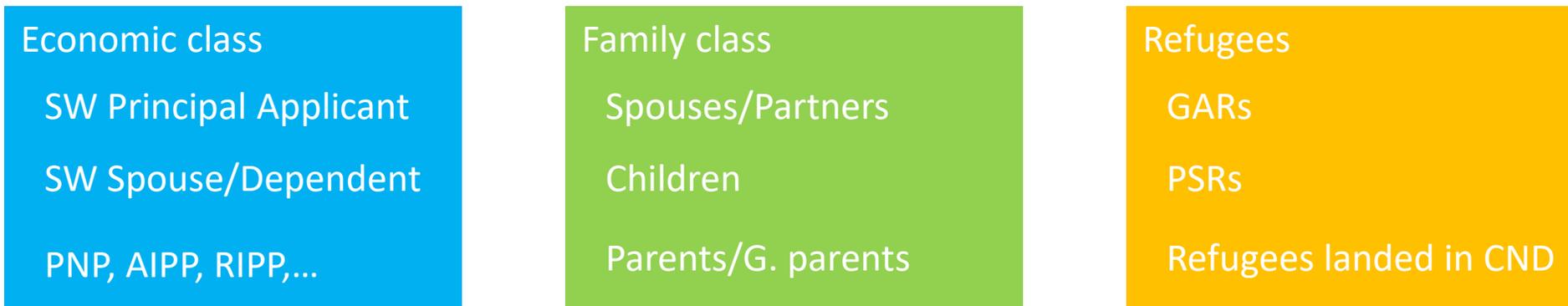
# Explore Micro Trends

---

## By cohort



## By admission category

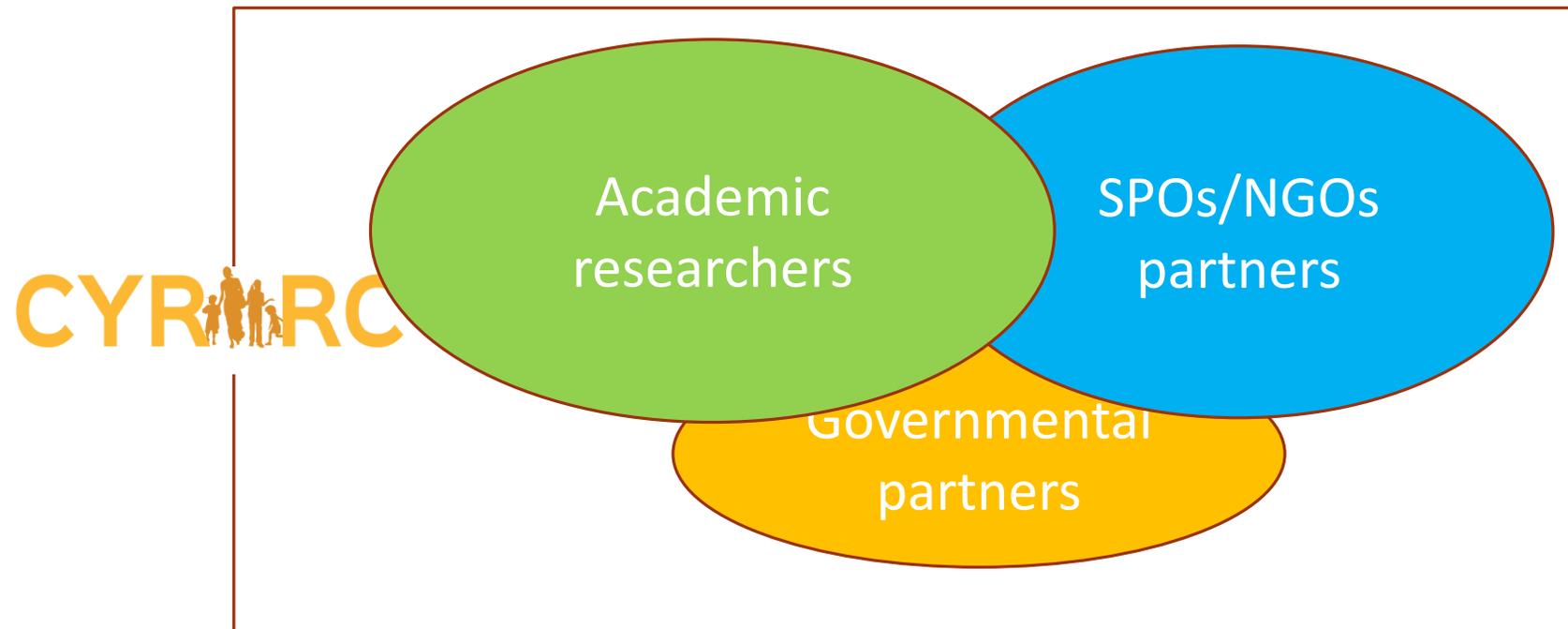


# Change of the game: Chapter X

---

- Child Youth Refugee Research Coalition (2016- )

How well do refugee children/youth fare in Canada?



IMDB:

- Historical Trends of refugee youths
- Household conditions of refugee youths

# Selecting a specific group of newcomers

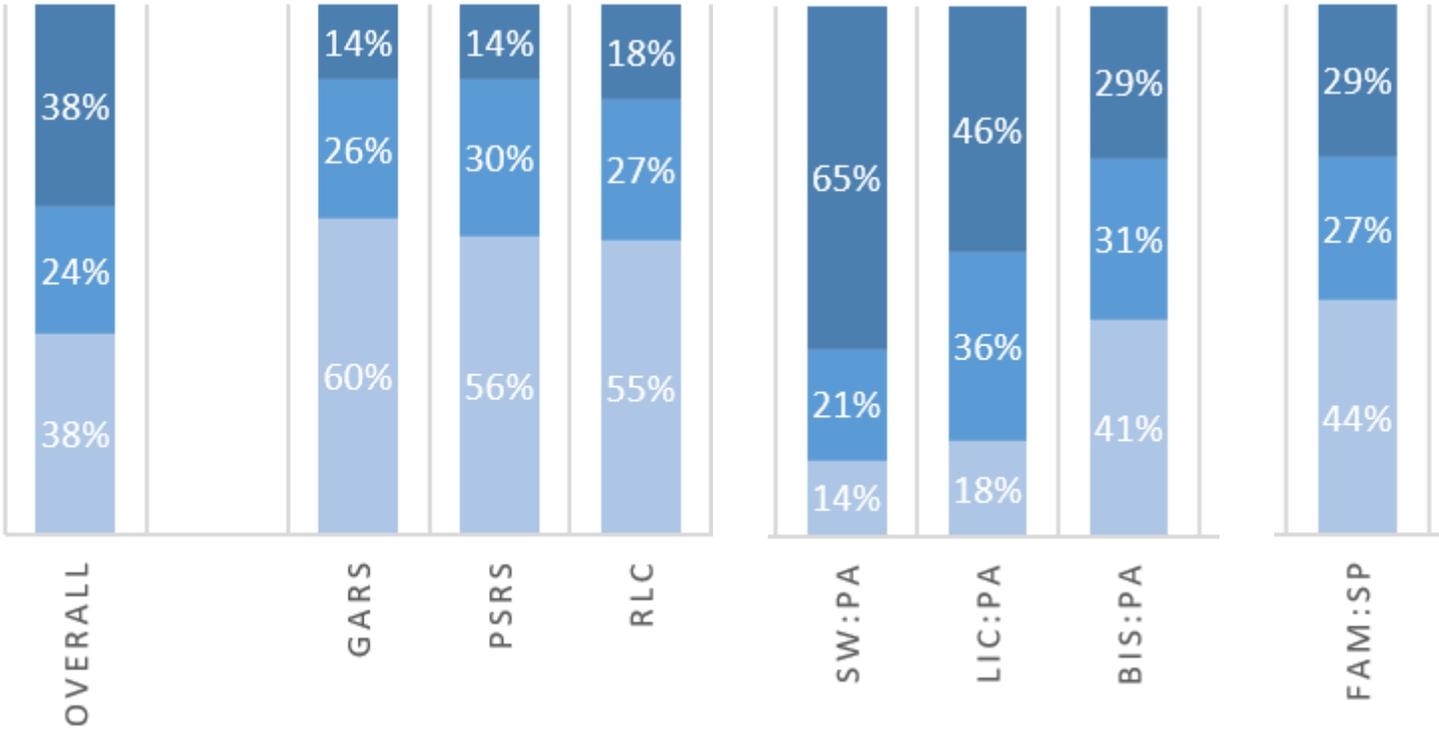
---

- Selecting “Parents of refugee/immigrant children”

Example:

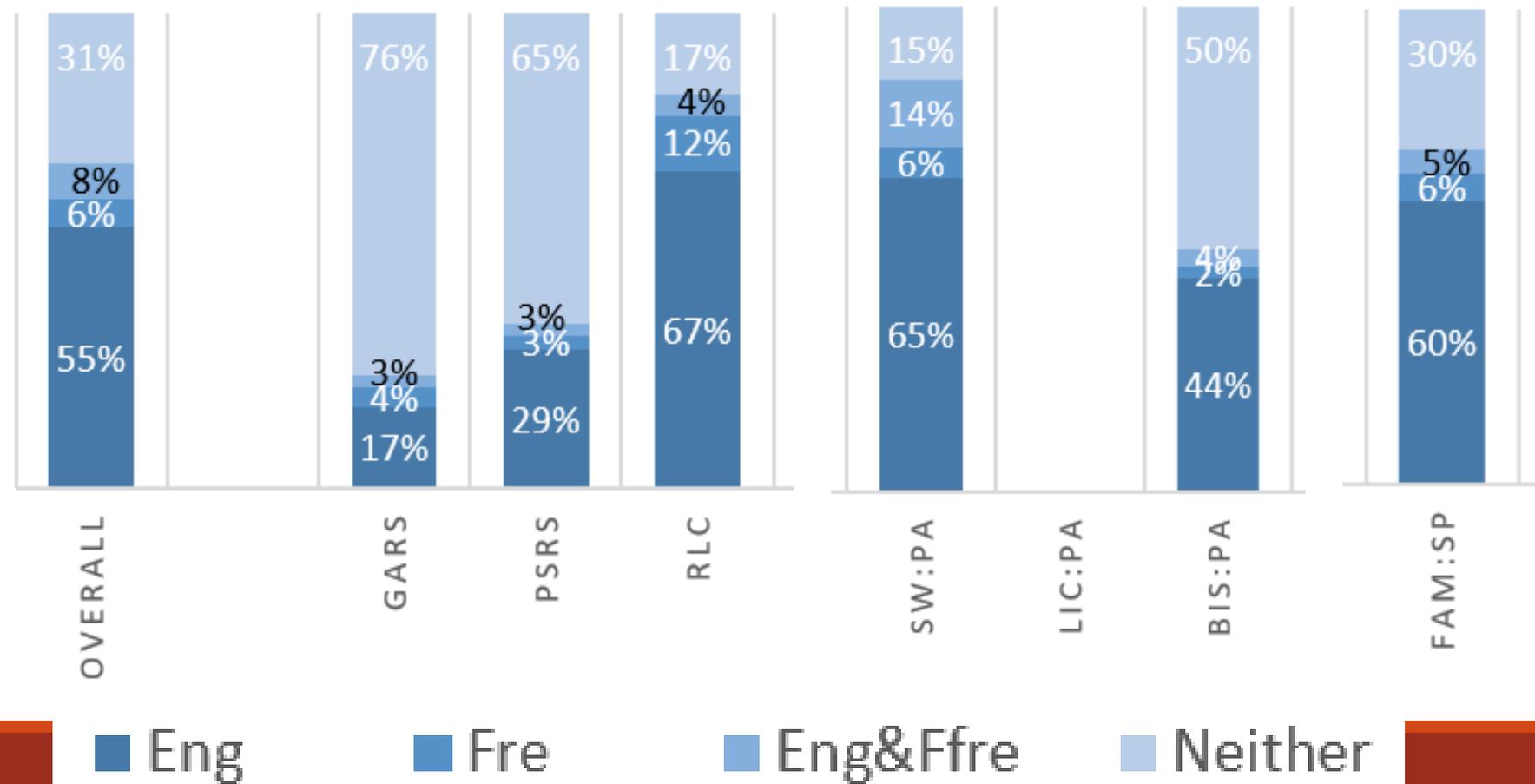
- ➔ Refugees/immigrants who became a PR at the age of 25 or older
- ➔ Those who filed the first tax return in the year of landing or following year with a child on the tax file.

# Parents of refugee/immigrant children: Highest Education at landing

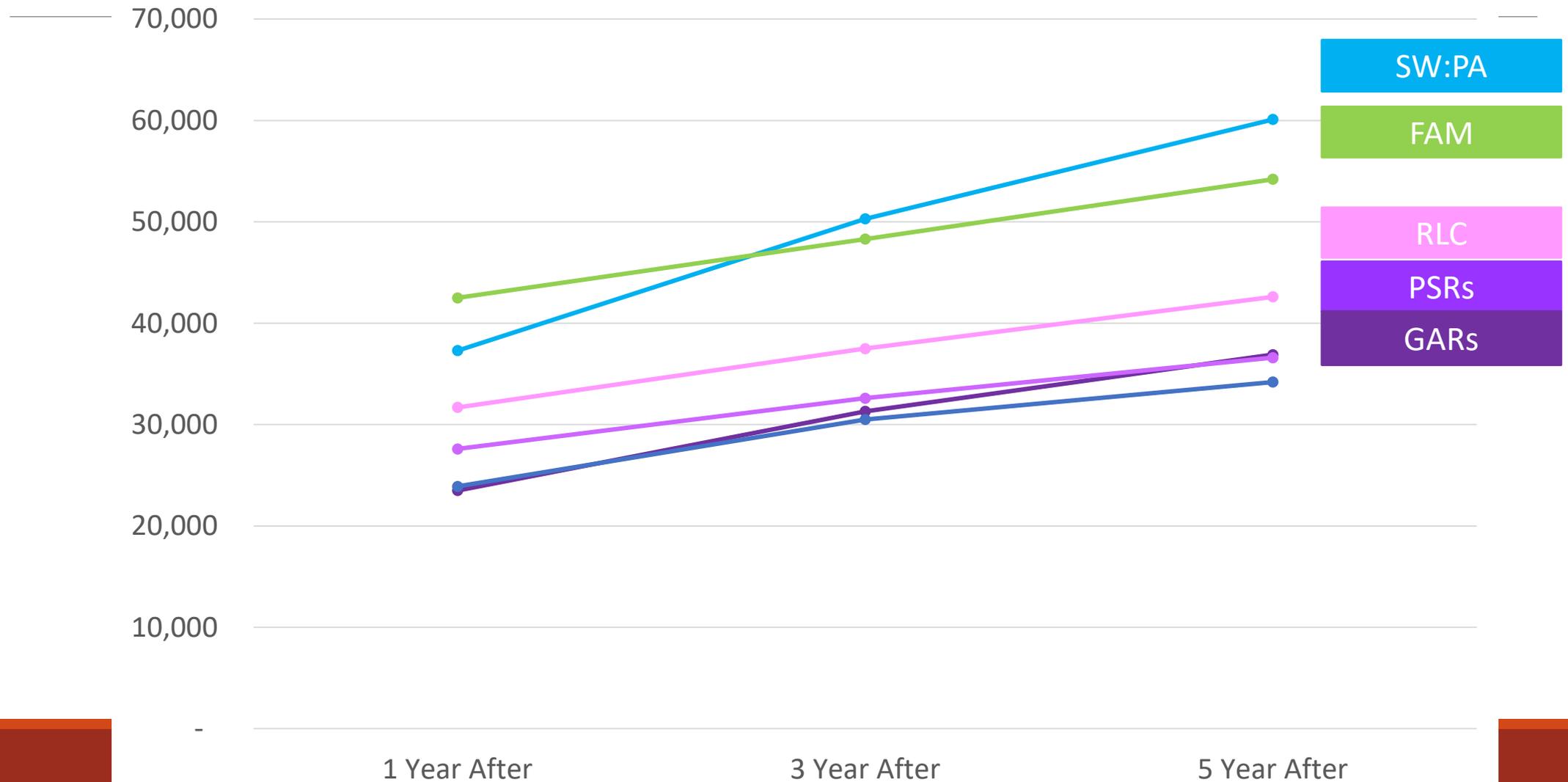


■ HS or Less    
 ■ PostSec    
 ■ Univ/PostGrad

# Parents of refugee/immigrant children: Knowledge of official language at landing

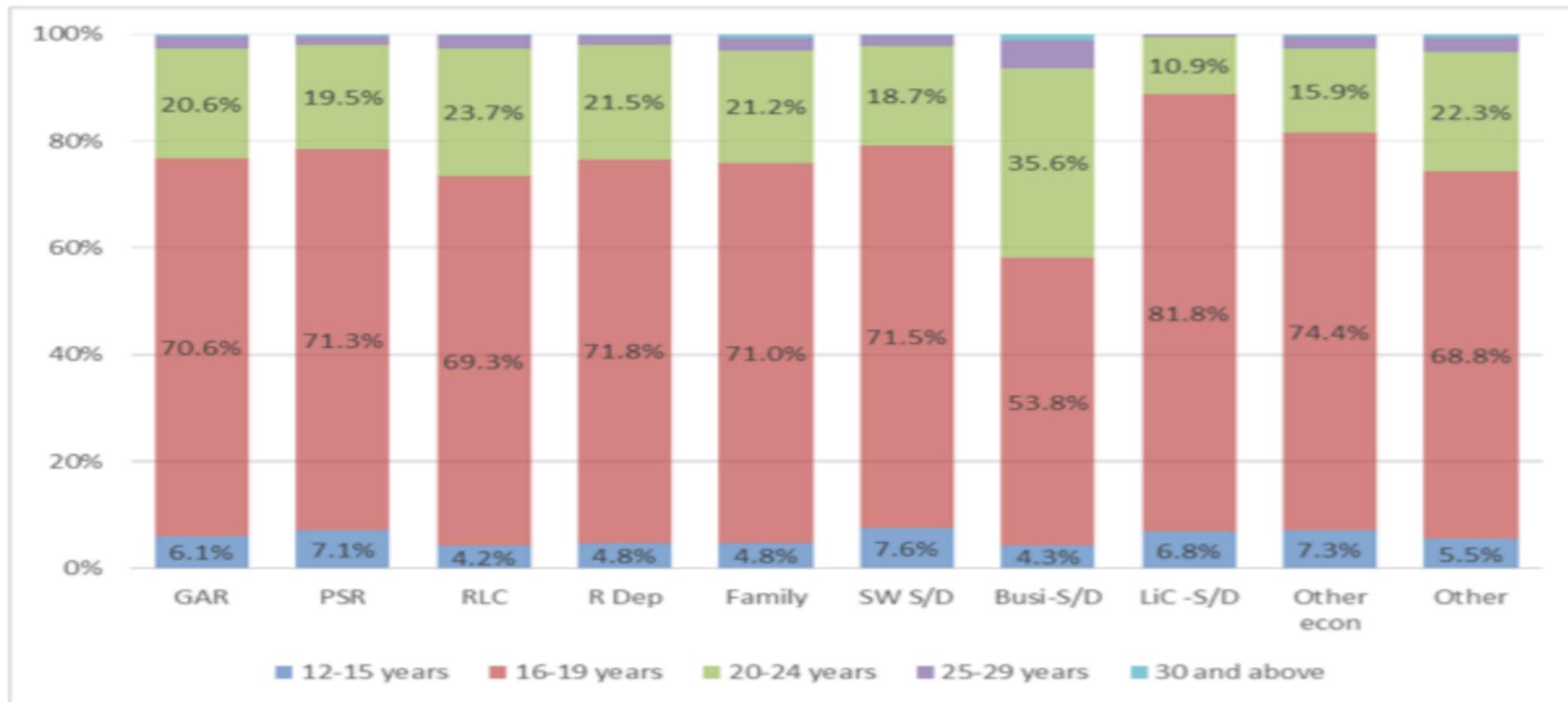


# Household income (1980-2015)



# Timing to start working among refugee and immigrant children

Age at First Earnings of Immigrant and Refugee Children and Youth by Landing Category (1980-2000 Cohort)



# Access the IMDB

---

- Regression, causal analysis → Microdata
  - Canadian Research Data Centres
  - High level statistical skills needed
  - Collaborate with researchers to be sought



# Access the IMDB

- Regression, causal analysis → Microdata
  - Canadian Research Data Centres
  - High level statistical skills needed
  - Collaborate with researchers to be sought
- Tables/Aggregate data
  - Statistics Canada's interactive tables

Home → Data  
→ Mobility and income of Immigrant taxfilers by admission year and years since landing, Canada, provinces and census metropolitan areas

### Mobility and income of Immigrant taxfilers by admission year and years since landing, Canada, provinces and census metropolitan areas

Frequency: Annual  
Table: 43-10-0014-01  
Geography: Canada, Geographical region of Canada, Province or territory, Census metropolitan area, Census metropolitan area part

Save my customizations

Geography: Canada  
Sex: Total, sex  
Pre-admission experience: Total - pre-admission experience  
Immigrant admission category: Total, immigrant admission category

Apply

Add/Remove reference period Add/Remove data Download options

Canada (map)							
Total, sex							
Total - pre-admission experience							
Total, immigrant admission category							
Years since admission	Statistics	2011	2012	2013	2014	2015	
1 year since admission	Total destination	163,715	174,890	178,810	183,070	190,235	
	Total residence	163,715	174,890	178,810	183,070	190,235	
	Percentage						
	Retention rate - census metropolitan area	84.5	83.5	85.1	84.2	80.1	
	Retention rate - province	90.2	90.2	91.0	90.1	87.7	
	Persons						
	Persons with market income	128,470	138,885	140,915	148,040	154,890	
	Persons with employment income	116,190	125,060	125,250	136,435	144,485	
	Persons with government transfers	113,920	120,470	128,690	122,985	127,635	
	Persons with social assistance	18,515	18,895	15,135	14,165	15,280	

# Detailed information: Admission Category

---

## Select specific levels only

### Total, immigrant admission category

**Select all**

#### Immigrant sponsored by family

**Select all**

Sponsored spouse or partner

Sponsored parent or grandparent

Other immigrant sponsored by family

#### Economic Immigrant, principal applicant

**Select all**

Skilled worker and skilled trades, principal applicant

Canadian experience class, principal applicant

Provincial/territorial nominee, principal applicant

Business programs, principal applicant

Caregiver, principal applicant

#### Economic Immigrant, spouse and dependent

**Select all**

Skilled worker and skilled trades, spouse and dependent

Canadian experience class, spouse and dependent

Provincial/territorial nominee, spouse and dependent

Business programs, spouse and dependent

Caregiver, spouse and dependent

#### Refugee

**Select all**

Government-assisted refugee

Privately sponsored refugee

Blended visa office-referred program

Protected person in Canada

Dependent abroad of a protected person in Canada

Other immigrant

# Detailed information: Outcomes

---

## Select specific levels only

- 
- Total destination
- Total residence
- Retention rate - census metropolitan area
- Retention rate - province
- Persons with market income
  - Persons with employment income
- Persons with government transfers
  - Select all**
  - Persons with social assistance
  - Persons with employment insurance
- Median market income
  - Median employment income
- Median government transfers
- Median total income

## Landing Year

From :   To :

## Outcome in:

### Select specific levels only

- 
- 1 year since admission
- 3 years since admission
- 5 years since admission
- 8 years since admission
- 10 years since admission

# Detailed information: Geography

---

—  Newfoundland and Labrador [10]

**Select all**

St. John's, Newfoundland and Labrador [001]

Remainder, Newfoundland and Labrador [35]

Prince Edward Island [11]

—  Nova Scotia [12]

**Select all**

Halifax, Nova Scotia [205]

Remainder, Nova Scotia

—  New Brunswick [13]

**Select all**

Moncton, New Brunswick [305]

Saint John, New Brunswick [310]

Remainder, New Brunswick

—  Quebec [24]

**Select all**

Saguenay, Quebec [408]

Trois-Rivières, Quebec [442]

Québec, Quebec [421]

Sherbrooke, Quebec [433]

Montreal, Quebec [462]

Ottawa - Gatineau, Quebec part [24505]

Remainder, Quebec

# Detailed information: Geography

---

—  Ontario [35]

**Select all**

Ottawa - Gatineau, Ontario part [35505]

Kingston, Ontario [521]

Peterborough, Ontario [529]

Belleville, Ontario [522]

Oshawa, Ontario [532]

Toronto, Ontario [535]

Guelph, Ontario [550]

Kitchener - Cambridge - Waterloo, Ontario [541]

London, Ontario [555]

Barrie, Ontario [568]

Brantford, Ontario [543]

Hamilton, Ontario [537]

St. Catharines - Niagara, Ontario [539]

Windsor, Ontario [559]

Thunder Bay, Ontario [595]

Greater Sudbury, Ontario [580]

Remainder, Ontario

# Detailed information:

## Geography

---

—  Manitoba [46]

**Select all**

Winnipeg, Manitoba [602]

Remainder, Manitoba

—  Saskatchewan [47]

**Select all**

Regina, Saskatchewan [705]

Saskatoon, Saskatchewan [725]

Remainder, Saskatchewan

Territories [6]

—  Alberta [48]

**Select all**

Lethbridge, Alberta [810]

Calgary, Alberta [825]

Edmonton, Alberta [835]

Remainder, Alberta

—  British Columbia [59]

**Select all**

Kelowna, British Columbia [915]

Abbotsford - Mission, British Columbia [932]

Vancouver, British Columbia [933]

Victoria, British Columbia [935]

Remainder, British Columbia

# Power of the IMDB

---

- Population of immigrant tax filer records
- Detailed information on individual characteristics/outcomes
- Longitudinal data collection: tracking individuals overtime
- Offers “contextual” evidence base for various programs
- Bring people together!

---

Thanks!

