

Census 2016 and IRCC Data

What it Says About Naturalization

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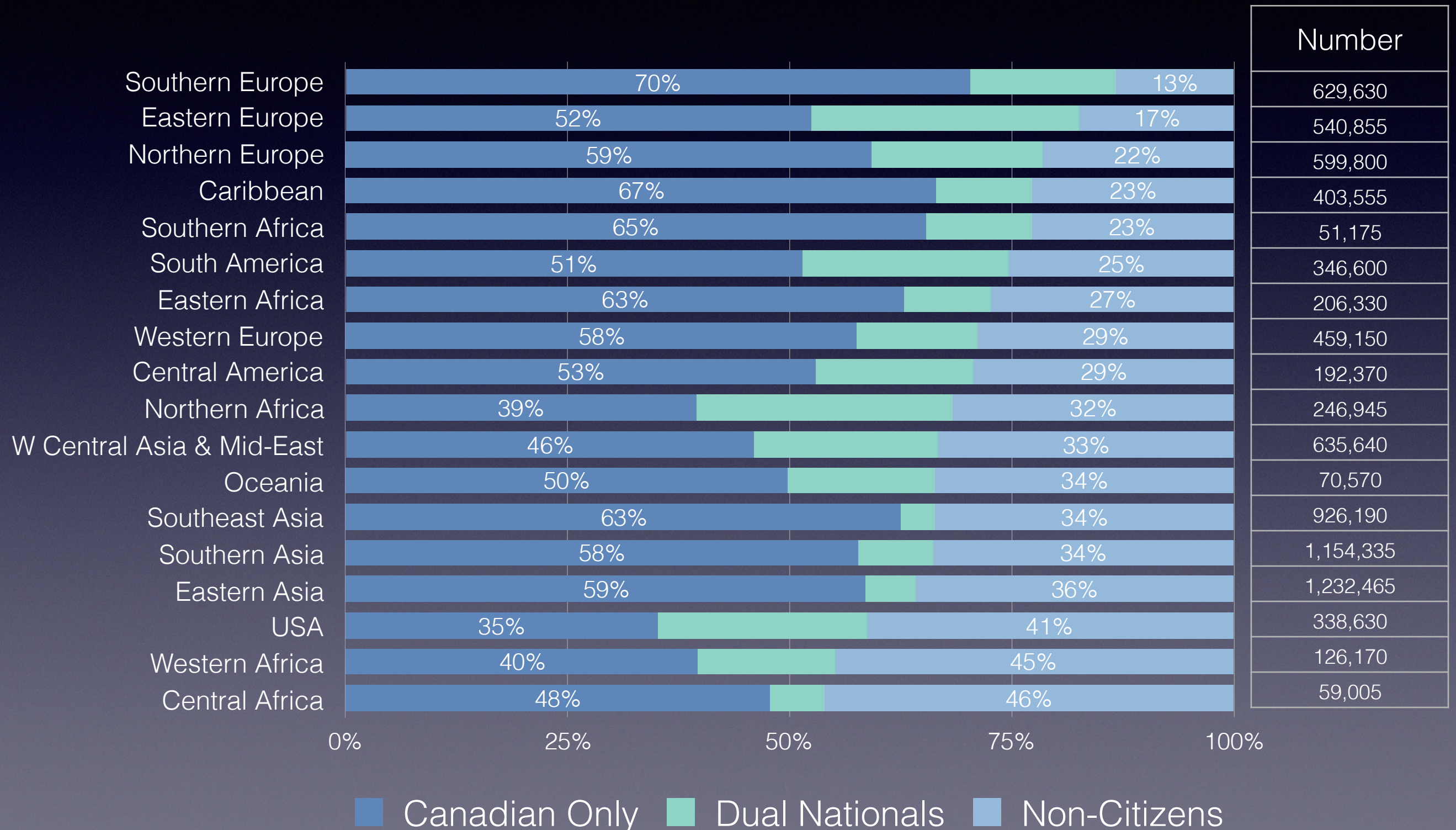
Agenda

- Detailed review of Census 2016 citizenship data
 - Gender, age, immigration category and class, income, LICO, Labour force
- 2017 IRCC operational data
- Impact, Conclusions & Recommendations

Demographics

Citizenship Take-up Rate

Foreign-born by Place of Birth, Census 2016



Immigration Sources — Category

Place of Birth - 1980-2016 — Census 2016

	1980-90			1991-2000			2001-5			2006-10			2011-16		
	E	F	R	E	F	R	E	F	R	E	F	R	E	F	R
Southern Asia	6.6%	17.0%	4.8%	12.7%	25.1%	19.7%	19.5%	28.7%	18.9%	16.0%	24.8%	14.1%	18.8%	21.6%	9.9%
Eastern Asia	20.7%	12.3%	1.8%	30.6%	14.1%	2.3%	25.2%	16.1%	6.5%	17.8%	15.9%	5.7%	14.1%	17.4%	3.6%
Southeast Asia	12.3%	13.0%	33.6%	11.2%	14.4%	5.0%	10.4%	10.6%	1.5%	18.3%	11.2%	4.5%	23.4%	11.3%	1.7%
W Central Asia ME	9.4%	3.5%	8.7%	9.2%	4.8%	19.1%	9.2%	5.8%	22.3%	9.3%	6.5%	21.6%	9.4%	6.2%	42.1%
Eastern Europe	3.6%	5.6%	27.4%	10.4%	7.0%	10.4%	10.7%	6.3%	4.0%	6.8%	5.2%	2.5%	4.6%	4.6%	2.4%
Caribbean	4.9%	13.8%	0.4%	2.3%	10.1%	1.3%	1.9%	6.2%	2.1%	2.0%	6.6%	5.1%	2.3%	6.8%	5.3%
South America	5.0%	7.9%	2.1%	2.3%	5.8%	3.1%	3.3%	4.7%	12.0%	4.1%	4.4%	12.7%	3.2%	4.1%	3.5%
Northern Africa	2.3%	1.3%	0.3%	3.4%	1.5%	2.4%	5.5%	2.6%	2.8%	7.2%	3.7%	1.8%	5.7%	4.4%	2.2%
Southern Europe	7.5%	5.9%	0.7%	3.9%	2.3%	15.6%	1.7%	2.2%	3.7%	1.0%	2.1%	1.5%	1.3%	2.5%	1.0%
Northern Europe	11.4%	4.2%	0.1%	3.4%	2.1%	0.2%	2.5%	2.7%	0.1%	3.8%	2.9%	0.1%	3.1%	2.7%	0.1%
Eastern Africa	2.9%	1.7%	5.1%	1.1%	1.8%	8.5%	1.2%	1.5%	12.4%	1.2%	2.1%	14.9%	1.2%	2.6%	14.5%
Western Europe	5.5%	2.7%	0.6%	4.1%	1.5%	0.8%	3.5%	1.7%	0.4%	4.2%	1.7%	0.3%	4.0%	2.0%	0.2%
Central America	2.3%	2.7%	12.6%	1.2%	3.1%	6.9%	1.0%	2.7%	3.3%	1.5%	3.3%	4.8%	1.5%	3.3%	3.3%
North America	2.6%	5.4%	0.5%	1.6%	3.1%	0.4%	1.6%	4.8%	1.0%	2.1%	5.4%	2.6%	1.8%	5.3%	1.2%
Western Africa	0.6%	0.9%	0.7%	0.7%	1.5%	1.9%	1.1%	1.7%	4.1%	2.6%	2.1%	3.2%	3.3%	2.7%	3.0%

E = Economic, F = Family, R = Refugees

Highlighting: Blue — 5-10 percent, Yellow — 10-20 percent, Orange — Greater than 20 percent

Naturalization — Period

	Before 1981	1981 to 2000	2001 to 2005	2006 to 2010	2011-2016
Eastern Asia	97.0%	93.8%	78.4%	53.5%	22.3%
Southern Asia	97.2%	92.8%	87.8%	69.2%	25.6%
Southeast Asia	97.6%	95.2%	89.8%	69.8%	28.4%
W Central Asia & Mid-East	96.7%	95.3%	90.8%	76.6%	32.8%
Southern Europe	92.9%	88.8%	89.8%	70.0%	27.9%
Northern Europe	89.6%	80.5%	70.3%	51.4%	21.5%
Eastern Europe	97.9%	96.1%	93.0%	78.6%	39.0%
Western Europe	90.6%	73.7%	67.1%	51.0%	21.3%
Caribbean and Bermuda	96.4%	92.3%	85.9%	67.0%	32.5%
South America	95.4%	92.8%	90.3%	77.5%	42.4%
USA	64.5%	65.1%	66.9%	59.4%	33.6%
Northern Africa	97.6%	95.7%	93.8%	83.2%	48.1%
Eastern Africa	98.4%	96.1%	89.8%	75.9%	39.9%
Central America	87.3%	93.2%	85.9%	67.1%	45.2%
Western Africa	95.2%	96.6%	93.4%	83.4%	37.2%
Oceania	89.1%	86.7%	76.8%	55.3%	21.5%
Central Africa	91.8%	94.5%	90.6%	80.6%	30.8%
Southern Africa	96.7%	95.1%	94.2%	78.4%	29.5%
Highlighting 70 percent less (Before 1981 to 2010), 30 percent or less (2011-16)					

Naturalization — Gender

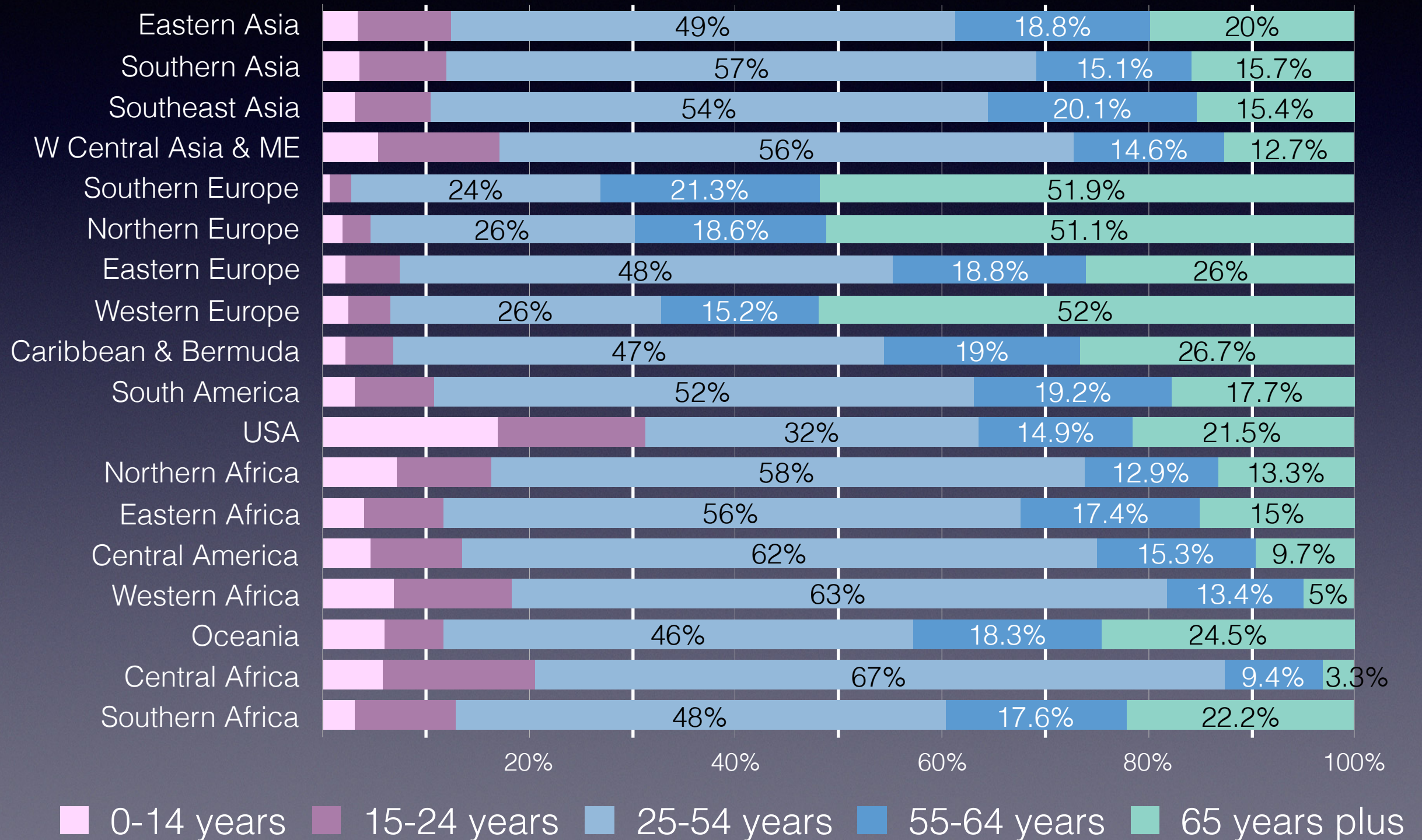
Census 2016 Percent Female, CoB — Overall 52.4 Percent

	Canadian Only	Dual citizens	Not Canadian	All Foreign-Born
Eastern Asia	54.9%	54.4%	55.5%	55.0%
Southern Asia	49.7%	48.0%	50.8%	49.9%
Southeast Asia	56.7%	60.0%	56.6%	56.8%
Southern Europe	50.5%	48.9%	50.5%	50.3%
Northern Europe	52.6%	50.3%	48.1%	51.3%
Eastern Europe	54.1%	52.6%	55.9%	53.9%
W Central Asia & Mid-East	48.6%	47.8%	49.6%	48.7%
Caribbean & Bermuda	57.8%	55.0%	50.9%	56.1%
Western Europe	50.5%	48.2%	49.7%	50.0%
South America	54.9%	53.2%	53.5%	54.2%
Northern Africa	46.9%	45.9%	49.5%	47.3%
Eastern Africa	52.3%	49.8%	51.6%	51.9%
USA	53.8%	54.4%	56.8%	55.3%
Central America	52.7%	52.6%	50.4%	52.1%
Western Africa	48.7%	46.6%	48.5%	48.2%
Oceania	53.7%	50.6%	44.1%	50.5%
Southern Africa	50.4%	51.1%	50.8%	50.6%
Central Africa	50.9%	48.8%	51.0%	50.8%

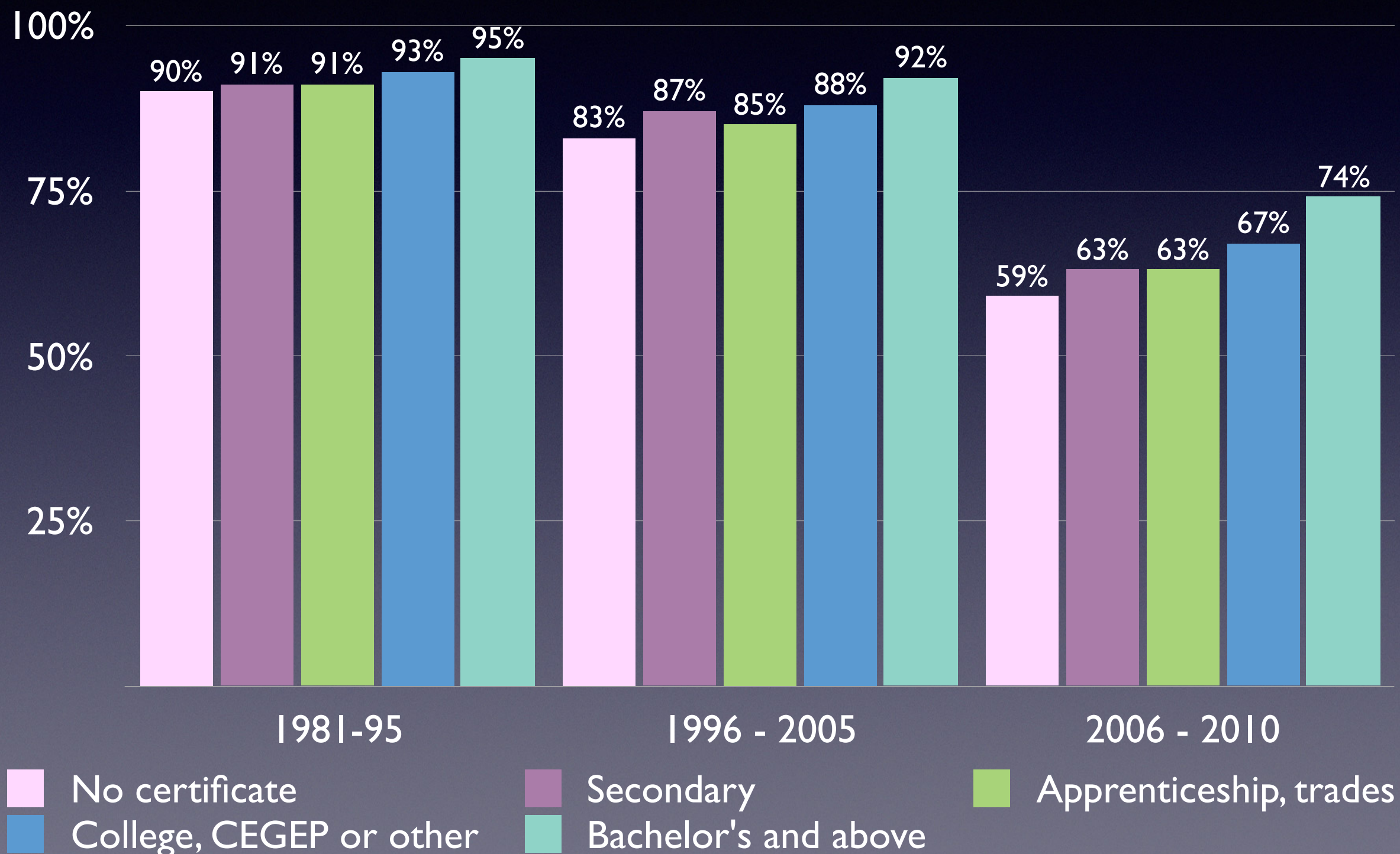
Highlighting +/- 5 percent

Naturalization — Age

Foreign-born by CoB, Age, Census 2016



Naturalization — Education



Naturalization — Education

Census 2016 CoB — Change 2006-10 from 1996-2005

	No Certificate	Secondary	Apprenticeship	College, CEGEP	Bachelors +
Eastern Asia	-33.3%	-32.9%	-37.1%	-33.0%	-32.0%
Southern Asia	-25.6%	-26.1%	-26.3%	-21.4%	-18.1%
Southeast Asia	-22.9%	-25.0%	-28.1%	-23.5%	-18.1%
W Central Asia & ME	-21.5%	-17.6%	-20.6%	-13.0%	-13.0%
Southern Europe	-29.7%	-23.7%	-23.2%	-17.2%	-14.8%
Northern Europe	-26.2%	-21.5%	-22.7%	-25.7%	-22.4%
Eastern Europe	-22.6%	-23.0%	-24.7%	-16.2%	-11.0%
Western Europe	-21.3%	-23.2%	-24.2%	-19.2%	-16.8%
Caribbean & Bermuda	-25.9%	-23.8%	-22.9%	-20.2%	-15.3%
South America	-17.6%	-16.3%	-12.7%	-13.9%	-10.4%
USA	-15.9%	-21.0%	-11.8%	-15.7%	-17.7%
Northern Africa	-15.9%	-13.1%	-9.4%	-9.8%	-11.3%
Eastern Africa	-21.4%	-14.7%	-14.8%	-12.2%	-12.5%
Central America	-18.9%	-27.7%	-30.0%	-25.7%	-19.0%
Western Africa	-13.8%	-12.8%	-16.2%	-9.3%	-10.5%
Oceania	-19.5%	-32.0%	-25.6%	-24.2%	-22.9%
Central Africa	-12.8%	-15.0%	-11.5%	-12.6%	-10.3%
Southern Africa	-12.7%	-16.1%	-36.4%	-17.5%	-17.5%

Highlighting: Red 25 percent less or greater

Naturalization — Province

	All	Before 1981	1981-1990	1991-2000	2001-2010	2011-16
ON	78.8%	92.2%	92.6%	92.7%	78.5%	32.0%
QC	73.1%	93.6%	93.7%	92.1%	80.6%	36.2%
BC	75.1%	92.0%	92.1%	91.2%	71.1%	26.0%
AB	66.3%	90.9%	91.8%	90.7%	76.6%	28.6%
MB	59.9%	89.7%	89.5%	88.3%	66.9%	30.4%
SK	46.4%	88.3%	87.1%	89.6%	65.5%	20.2%
Atlantic	58.7%	80.0%	77.4%	83.1%	69.3%	20.3%
Highlighting: Orange — 70 percent less (All immigrants, 2001-2010) Red — 90 percent or less (1981-2000) Yellow — 30 percent or less (2011-16)						

Category and Period

Naturalization

Category & Period of Immigration

	Economic	Family	Refugees	All Categories
All	67.4%	68.0%	76.9%	69.0%
Before 1981	91.3%	90.9%	97.2%	92.8%
1981-85	91.9%	89.9%	96.8%	92.1%
1986-1990	92.8%	89.8%	95.8%	92.5%
1991-1995	93.5%	90.3%	95.7%	92.6%
1996-2000	93.5%	86.6%	93.6%	91.4%
2001-05	89.0%	79.1%	88.3%	85.9%
2006-10	71.4%	61.5%	71.0%	68.5%
2011-16 (4 years)	47.4%	39.7%	53.1%	46.2%

Highlighting: Red — 80 percent less (Before 1981 to 2010), Orange 50 percent or less (2011-16)

Citizenship Take-up by Category

CoB — Change Census 2006-10 from NHS 2001-5

	Economic	Family	Refugees	All
Southern Europe	-18.6%	-7.5%	-15.6%	-14.4%
Eastern Asia	-11.9%	-10.9%	-11.2%	-13.6%
Southeast Asia	-9.4%	-11.9%	-20.3%	-11.4%
Southern Asia	-7.0%	-8.3%	-11.0%	-9.1%
Eastern Africa	-3.5%	-7.8%	-11.5%	-8.9%
Eastern Europe	-8.0%	-9.9%	-14.7%	-8.7%
Caribbean and Bermuda	-6.4%	-8.4%	-10.0%	-8.6%
Oceania	4.2%	-11.4%	-10.7%	-8.1%
West Central Asia & Mid-East	-2.5%	-6.9%	-12.4%	-5.6%
Central America	-6.1%	-8.7%	0.9%	-5.4%
Southern Africa	-0.9%	-4.2%	-8.0%	-5.1%
Western Africa	-1.9%	-3.5%	-12.7%	-5.0%
Northern Africa	-5.8%	-3.4%	-5.6%	-3.9%
South America	-5.6%	-7.0%	-3.6%	-3.9%
Western Europe	-6.0%	1.2%	1.9%	-2.5%
Central Africa	-2.4%	-2.8%	-3.6%	-1.4%
Northern Europe	-1.8%	0.3%	-31.3%	-0.2%
USA	27.6%	11.1%	-3.8%	12.7%
Highlighting: Red — 10 percent decline or more, Green — Increase				

Naturalization — Economic

Class and Period

	Before 1981	1981-85	1986-95	1996-2005	2006 - 10
Skilled workers	92%	92%	93%	92%	78%
Cdn experience - P					55%
Cdn experience - S					49%
Caregivers - P		92%	92%	88%	67%
Caregivers - S		95%	92%	88%	65%
Business programs	86%	89%	93%	85%	59%
Entrepreneurs - P	89%	92%	92%	85%	57%
Entrepreneurs - S	96%	94%	95%	91%	72%
Investors - P			90%	67%	34%
Investors - S			95%	88%	63%
Self-employed - P	83%	85%	86%	78%	56%
Self-employed - S	84%	85%	88%	80%	62%
Provincial/territorial				76%	57%
Highlighting: Before 1981 to 2005 less than 90 percent, 2006-10 less than 60 percent					

Naturalization — Economic

Difference Primary and Secondary Applicants
Selected economic classes

	Before 1981	1981-85	1986-95	1996-2005	2006-10
Skilled workers	2.0%	1.0%	-1.0%	-2.0%	-1%
Canadian experience	0.0%	0.0%	0.0%	0.0%	6%
Caregivers	0.0%	-3.0%	0.0%	0.0%	2%
Entrepreneurs	-7.0%	-2.0%	-3.0%	-6.0%	-15%
Investors	0.0%	0.0%	-5.0%	-21.0%	-29%
Self-employed	-1.0%	0.0%	-2.0%	-2.0%	-6%
Provincial & territorial	0.0%	0.0%	0.0%	-1.0%	-2%
Highlighting: Red -5 percent or less, Green 5 percent or more, Principal minus Secondary					

Naturalization — Family, Refugees

Class and Period

	Before 1981	1981-85	1986-95	1996-2005	2006-10
Spouses/partners	88%	87%	88%	82%	62%
Parents/grandparents	95%	94%	92%	81%	54%
Children	91%	92%	92%	88%	72%
Intercountry adoptions	100%	94%	96%	96%	94%
Protected persons			96%	90%	73%
Government-assisted	97%	97%	96%	92%	66%
Privately-sponsored	98%	97%	96%	92%	73%
Highlighting: Before 1981 to 2005 less than 90 percent, 2006-10 less than 70 percent					

Income & Labour Force

Naturalization — Income

Category, Period, Gender, Median Employment Income
Census 2016

	1986 - 1995		1996 - 2005		2006 - 2010		2011 (4 Years)	
	M	F	M	F	M	F	M	F
Economic	\$47,370	\$41,283	\$60,219	\$46,631	\$52,377	\$37,297	\$47,689	\$33,540
Family	\$42,462	\$32,522	\$36,340	\$25,387	\$32,725	\$20,301	\$31,335	\$18,616
Refugees	\$39,661	\$32,237	\$28,538	\$22,445	\$24,857	\$17,855	\$22,935	\$15,696
Non-citizen income as percentage of citizens								
Economic	86.7%	89.2%	71.8%	74.9%	79.4%	81.6%	86.4%	78.8%
Family	93.2%	87.8%	91.7%	85.7%	88.7%	80.3%	87.3%	84.6%
Refugees	80.9%	79.3%	77.6%	73.5%	87.5%	84.7%	91.1%	83.0%
Highlighting: Less than 80 percent								

Naturalization — Income

Category and Period — Census 2016

	1986 - 1995		1996 - 2005		2006 - 2010		2011 (4 years)	
Primary Applicants	Citizen	Non	Citizen	Non	Citizen	Non	Citizen	Non
Economic	\$43,912	90.0%	\$54,873	73.1%	\$45,029	81.7%	\$40,674	85.5%
Skilled workers	\$47,209	91.5%	\$58,417	75.9%	\$47,650	80.7%	\$40,297	81.4%
Canadian experience					\$53,095	111.5%	\$53,138	97.9%
Caregivers	\$39,570	87.0%	\$39,464	80.6%	\$32,714	88.7%	\$31,985	83.0%
Entrepreneur etc	\$23,164	82.7%	\$20,666	94.9%	\$19,404	99.8%	\$14,802	132.3%
Provincial Nominee			\$52,762	91.5%	\$49,366	84.7%	\$44,839	87.4%
Family	\$36,575	90.8%	\$29,666	89.0%	\$25,184	87.2%	\$23,858	86.4%
Refugees	\$36,266	80.6%	\$25,339	76.3%	\$21,299	87.2%	\$19,948	85.7%
Government-assisted	\$37,318	84.1%	\$26,119	75.3%	\$17,261	99.5%	\$14,092	91.8%
Privately sponsored	\$37,714	83.7%	\$27,642	75.3%	\$21,582	90.8%	\$19,719	115.5%
Protected Person	\$30,946	73.2%	\$24,753	75.5%	\$21,836	82.2%	\$21,393	76.2%

Highlighting: Non-citizen percentage citizen income 85 percent or less

Naturalization — Income

LICO Before Tax Citizen and Non-Citizen Comparison

	1986 - 1995		1996 - 2005		2006 - 2010		2011 (4 years)	
Naturalization Rate	LICO	Above	LICO	Above	LICO	Above	LICO	Above
Overall	91.3%	92.8%	84.7%	89.1%	61.6%	68.9%	39.5%	44.5%
Economic PA	91%	92.9%	84.3%	90.7%	59.9%	72.3%	37.8%	49%
Economic SD	92.3%	93.8%	88%	92.4%	64.6%	72.4%	38.8%	44.9%
Family	89.5%	90.3%	81.2%	82.5%	57.2%	60.2%	35%	35.4%
Refugees	93.3%	96.2%	86%	92.1%	65%	73.6%	47.3%	54.9%
GARs	93.5%	96.7%	87.5%	93.8%	63.3%	70.2%	44.8%	49.3%
PSRs	93.1%	96.1%	87.2%	94%	69%	75.6%	50.3%	50%
LICO Prevalence	Citizen	Non	Citizen	Non	Citizen	Non	Citizen	Non
Overall	15.6%	18.5%	16.6%	22.6%	18.6%	23.9%	20.8%	24.4%
Economic PA	15.5%	19.2%	12.2%	20.2%	12.5%	20%	15%	21.9%
Economic SD	12.6%	15.4%	14.4%	21.7%	18.2%	24.3%	20.5%	24.8%
Family	15.5%	16.7%	18.4%	19.8%	19.3%	21.3%	19.7%	19.9%
Refugees	19.1%	30.4%	24.3%	37.9%	29.8%	38.9%	35.3%	42.5%
GARs	17.5%	30.1%	21.8%	37.7%	35.6%	43.1%	47.9%	52.6%
PSRs	17.1%	27.4%	19.7%	35.7%	27.6%	34.7%	35.6%	35.3%
Highlighting: Red — Gap of 10 percent or more, Orange — Gap 5-10 percent								

Naturalization — Income

In LICO Before Tax Gender

	1986 - 1995		1996 - 2005		2006 - 2010		2011 (4 years)	
Citizens	M	F	M	F	M	F	M	F
Overall	91.3%	91.3%	84.4%	85.1%	60.7%	62.4%	39.2%	39.8%
Economic PA	91%	91.1%	83.7%	85.6%	58.5%	62.1%	37%	39%
Economic SD	93%	91.9%	88%	88%	64.4%	64.7%	38.8%	38.8%
Family	88.8%	89.9%	79.7%	82%	55%	58.6%	34.1%	35.7%
Refugees	93.3%	93.3%	86%	86%	65.3%	64.8%	47.8%	46.8%
GARs	93.7%	93.2%	86.5%	88.3%	63.9%	62.8%	47.4%	42.8%
PSRs	92.9%	93.4%	88.7%	86%	69.2%	68.4%	51.6%	47.1%
Highlighting: Red — Less than 90 percent 1986-95, Orange — Less than 80 percent 1996-2005 Yellow — Less than 60 percent 2006-10, Green — Greater than 40 percent 2011								

Naturalization — Labour Force

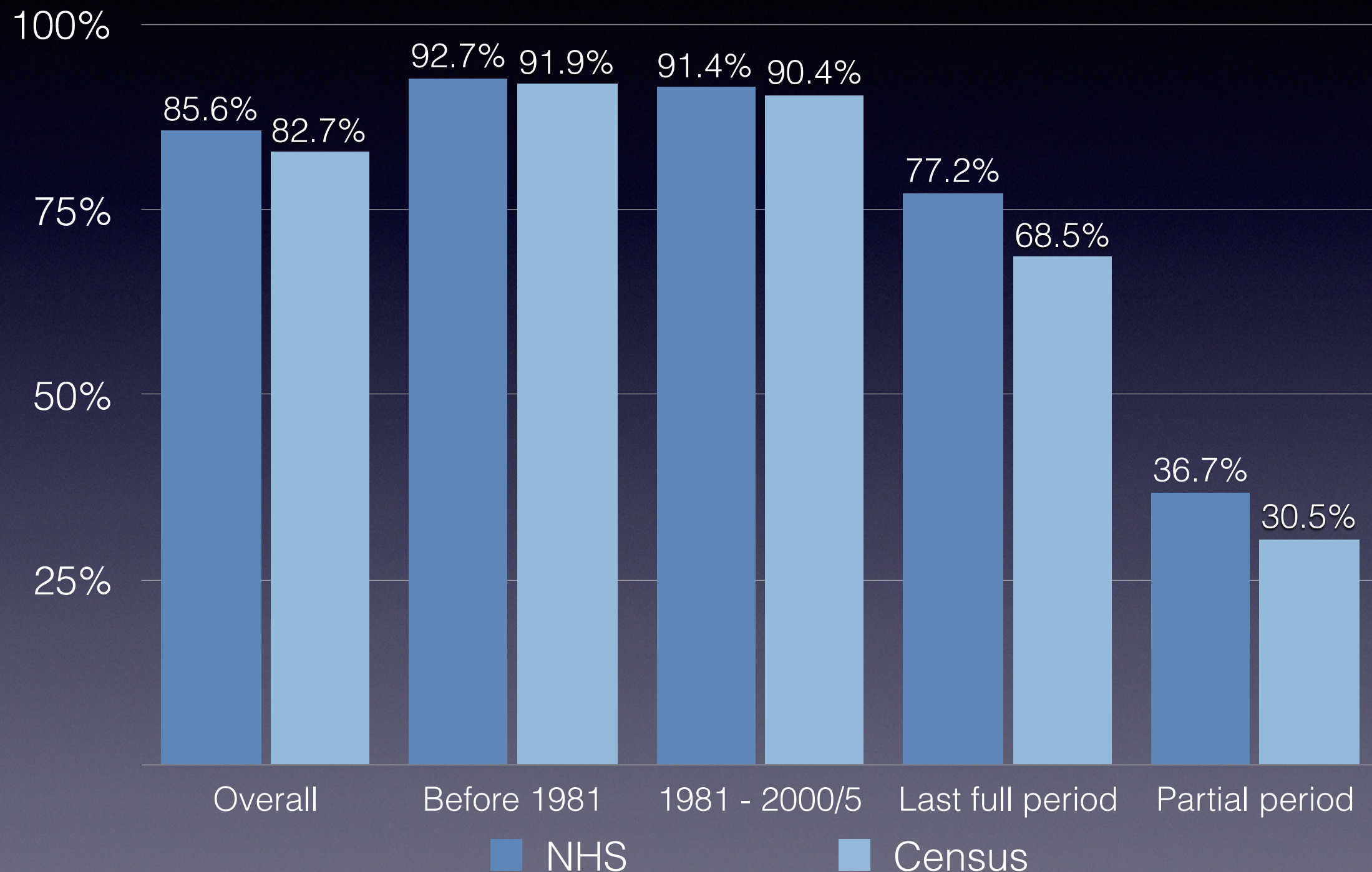
Difference Out/In, Unemployed/Employed — Census 2016

	1986 - 1995		1996 - 2005		2006 - 2010		2011 (4 years)	
Citizens	Out/In	Emp/Un	Out/In	Emp/Un	Out/In	Emp/Un	Out/In	Emp/Un
Overall	-2.0%	-1.0%	-3.0%	-1.0%	-6%	-1%	-6%	-1%
Economic PA	-1%	0%	-6%	-2%	-12%	-2%	-10%	-1%
Economic SD	-1%	0%	-2%	0%	-1%	1%	-2%	1%
Family	-2%	-3%	-3%	-2%	-6%	-2%	-5%	0%
Refugee	-2%	-1%	-4%	-3%	-6%	-3%	-2%	-6%
GARs	-2%	-1%	-2%	-5%	-8%	-1%	0%	-6%
PSRs	-2%	-1%	-5%	-4%	-3%	-5%	-2%	2%
Protected person	-1%	-2%	-4%	-2%	-5%	-3%	-1%	-9%
Highlighting: Neg 5 percent or less								

Impact, Conclusions & Recommendations

Citizenship Take-Up

Period of Immigration — NHS 2011, Census 2016

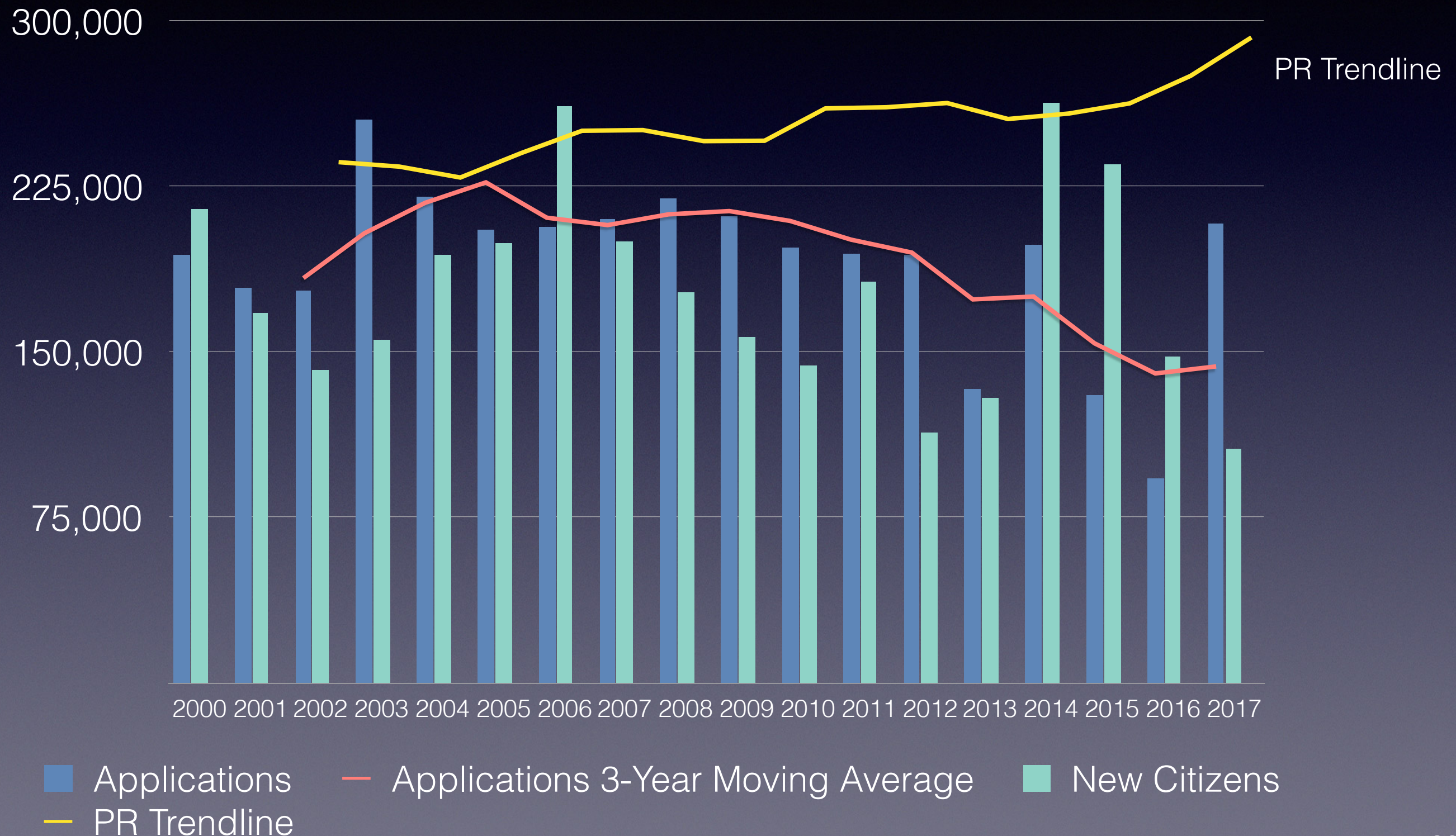


Last full period: When all immigrants eligible — 2001-5 (NHS), 2006-10 (Census)

Partial Period: When only portion of immigrants eligible — 2006-10 (NHS), 2011-15 (Census)

Citizenship Applications & Citizens

2000-16 IRCC Operational Data



2017 Changes Limited Impact

- Main impact:
 - Shorter residency (3 of 4 years compared to 4 of 6)
 - Fewer undergo language and knowledge assessment (18-54 rather than 14-64) — 5.9 percent (2009-13)
- 28 months — 28 May 2015 to 11 October 2017
- One-time impact of residency change
- Fees ongoing

Concluding observations

- Naturalization positive correlations:
 - Education, income, labour market participation
 - Economic and refugee categories
 - Whether or not the country of birth permits, officially or unofficially, dual citizenship
- 2017 changes will have limited impact on naturalization rate
- Immigrant-to-citizen model at risk

Performance Standards

Levels Approach

- Current standard meaningless: Percent who are citizens of all immigrants from all periods
- Replace by percent of the annual immigrant average of the previous Census period
 - Similar to annual immigration levels but set for five year period
 - Recommended 70-80 percent range — based on previous periods
 - 2016-20 level would be 170,000 to 193,000, higher than the 148,000 in 2016 and estimated 110,000 in 2017
- A processing standard of 80% of applications receiving grants within 12 months of date submitted

Immigrants			Percentage Scenarios					Citizens	
Period	Immigrants	Annual Average	80%	75%	70%	65%	60%	Citizens	Annual Average
2001-5	928,935	185,787	148,630	139,340	130,051	120,762	111,472	798,200	159,640
2006-10	1,056,095	211,219	168,975	158,414	147,853	137,292	126,731	723,020	144,604
2011-15	1,212,080	242,416	193,933	181,812	169,691	157,570	145,450		

Other Recommendations

- More timely and comprehensive citizenship data sets
 - Monthly application stats alongside current new citizen stats
 - Annual immigration category, gender, time between landing and citizenship
- Reduce adult fees to \$300 (processing and right-of-citizenship)

Policy Questions

Citizenship

- Balance between presence and mobility? Between meaningfulness and instrumental citizenship?
- Does naturalization matter?
- Should fees be based on cost recovery or mix of private and public interest considerations?
- What percent of immigrants expected to naturalize within what period of time?
- What voting rights should non-residents have?

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