



THE EMERGING HORIZONTALITY OF CANADA'S VERTICAL MOSAIC 2016

CANADIAN INSTITUTE OF IDENTITIES AND MIGRATION

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JOHN PORTER'S MOSAIC IN 2016

- The demographic revolution that has culminated in nothing short of a makeover of the Canadian population in the last fifty years calls for a considerable rethinking of what John Porter called the Vertical Mosaic. In Porter's classic "Mosaic" the documented income inequities between amongst white Europeans were a sign that Canada was not the land of promise that many pretended. But disparities between European origin ethnic groups appear to have given way to the visible and not visible groups as regards income and hence the Mosaic is far from the one envisioned by Porter in the sixties. Porter also didn't take gender into account. To be fair to Porter there were limits on what the data could tell us.
- What does the recent release of census results from 2016 tell us about the contours of the mosaic? What does the data tell us about the "verticality" of the Mosaic? What does it tell us about mobility and opportunity and how it's measured? And what about the relationship between education and income?



THE VERTICAL MOSAIC

AN ANALYSIS OF SOCIAL CLASS
AND POWER IN CANADA

50th Anniversary Edition

JOHN PORTER

With a new Introductory Essay by
Jack Jedwab and Vic Satzewich

Foreword by Wallace Clement
and Rick Helmes-Hayes

CANADA'S WHITE MALES (35-44) LEAST LIKELY TO HOLD UNIVERSITY DEGREES IN THE KNOWLEDGE ECONOMY

University certificate, diploma or degree at bachelor level or above 35-44 (2016 census)	Women	Men
Total	37.4	29.2
Total - Visible minority population	46.5	45
South Asian	50.3	50.5
Chinese	55.5	58.2
Black	30.0	30.6
Filipino	51.2	39.3
Latin American	39.8	34.5
Arab	46.1	49.1
Southeast Asian	28.8	29.4
West Asian	55.2	52.7
Korean	59.5	56.7
Japanese	48.5	47.7
Not a visible minority	33.8	24.0

IMMIGRANTS MAKE US MORE EDUCATED

(35-44) University certificate, diploma or degree at bachelor level or above (2016)	Non-Immigrants	Immigrants
Canada	28	45.7
Quebec	26.6	45.7
Ontario	31.3	45.9
Manitoba	24.6	42.4
Saskatchewan	22.1	46.4
Alberta	25.8	46
BC	28.3	45.4

RECENT ARRIVALS KEEP US AMONGST MOST EDUCATED PEOPLES ON THE PLANET

Geography: Canada 35-44	University certificate, diploma or degree at bachelor level or above
Total - Immigrant status and period of immigration	33.4
Non-immigrants	27.9
Immigrants	45.8
Before 1981	39.4
1981 to 1990	34.6
1991 to 2000	30.5
2001 to 2010	53.1
2001 to 2005	51.7
2006 to 2010	54.2
2011 to 2016	54.2



AVERAGE AND MEDIAN INCOME



NON-VISIBLE MINORITY IMMIGRANTS TOP AVERAGE INCOME, BUT VISIBLE MINORITIES ARE AHEAD OF NON-VISIBLE MINORITIES IN SECOND GENERATION - THOUGH BLACK AND LATIN AMERICAN LAG BEHIND

Canada Average after-tax income (\$) 35 to 44 years	Total	First generation	Second generation	Third generation or more
Total	47501	40619	54585	49328
Total - Visible minority population	40549	38065	55994	45893
South Asian	42245	38978	62671	55655
Chinese	45876	42085	65398	52874
Black	39182	37367	45722	37553
Filipino	38016	36693	51826	45854
Latin American	38001	37523	45069	36417
Arab	35754	34391	53327	47409
Southeast Asian	39221	38120	53490	47497
West Asian	33847	33504	56166	0
Korean	36974	33093	62771	67974
Japanese	40277	31035	52091	55909
Not a visible minority	49993	47978	54174	49347

GENDER GAP GREATER AMONGST NON-VISIBLE MINORITY SECOND GENERATION THAN VISIBLE MINORITIES THOUGH ESPECIALLY WIDE AMONGST SOUTH ASIAN AND ARAB; VIRTUALLY NO GENDER GAP AMONGST 2ND GENERATION BLACK AND FILIPINO

Average after-tax income (\$) 35 to 44 years Canada	Total		First generation		Second generation		Third generation	
	Male	Female	Male	Female	Male	Female	Male	Female
Total	54166	41167	46994	35092	61328	47811	55853	42901
Total - Visible minority population	46154	35766	43585	33496	60452	51437	51316	40498
South Asian	50333	34467	46926	31468	70181	54630	69429	40071
Chinese	52760	40407	48437	37348	70977	59334	60433	45271
Black	39986	38452	38170	36641	46186	45298	40138	35073
Filipino	42567	35015	41238	33838	52921	50648	45605	46164
Latin American	42889	33663	42619	33009	47156	43177	33062	40443
Arab	40635	30507	39059	29418	59653	45614	58832	38126
Southeast Asian	44271	35693	43003	34839	56941	49569	43815	51919
West Asian	38999	29081	38703	28706	57267	54924	0	0
Korean	46342	30498	42142	27232	67833	57502	67496	68847
Japanese	57215	32001	51559	25104	57953	46937	63739	48122
Not a visible minority	56827	43243	55937	40099	61586	46765	55880	42915

SECOND GENERATION NON-VISIBLE MINORITIES ARE IN THE BOTTOM FIVE ON MEDIAN AFTER TAX INCOME, BUT FIRST GENERATION NON-VISIBLE MINORITIES ARE FIRST AMONGST IMMIGRANTS, SUGGESTING WIDER INCOME DISTRIBUTION

Canada Median after-tax income (\$) 35 to 44 years	Total - Generation status	First generation	Second generation	Third generation or more
Total	41497	34200	48166	43790
Total - Visible minority population	34265	32399	49326	40193
South Asian	33978	31869	53273	44320
Chinese	37781	33900	59562	48810
Black	35850	34455	41503	33965
Filipino	34986	34072	49065	43049
Latin American	33988	33420	43388	33351
Arab	28039	27197	44019	31546
Southeast Asian	33869	32993	48595	43929
West Asian	24858	24588	49409	0
Korean	27694	24946	56825	48570
Japanese	33711	24214	49013	50684
Not a visible minority	44110	40620	47844	43811

NON-VISIBLE MINORITY MEN IN SECOND GENERATION DO BETTER THAN VISIBLE MINORITY MEN BUT NON-VISIBLE MINORITY WOMEN DO CONSIDERABLY BETTER THAN VISIBLE MINORITY WOMEN IN SECOND GENERATION ON THE BASIS OF MEDIAN AFTER TAX INCOME

Canada Median after-tax income (\$) 2016 35 to 44 years	Total - Generation status		First generation		Second generation		Third generation or more	
	Male	Female	Male	Female	Male	Female	Male	Female
Total	47027	37045	39565	30320	53320	43708	49140	39385
Total - Visible minority population	38768	30986	37036	29168	51059	47875	45144	36579
South Asian	40933	28735	38868	26741	57470	50069	52263	37785
Chinese	44393	33734	39603	30720	63724	55803	57553	40909
Black	35299	36265	34319	34552	38898	43707	36153	32540
Filipino	39566	31917	38622	31163	49143	48927	45734	35155
Latin American	38121	30722	37839	29962	43463	43310	28259	34569
Arab	32090	24931	31044	24360	49633	38878	38955	26804
Southeast Asian	38738	30841	38033	30244	50913	45046	42671	48136
West Asian	27653	22754	27337	22494	49163	51543	0	0
Korean	36612	22060	33789	19459	62324	52232	47860	50883
Japanese	50317	26347	40993	19645	57552	42066	57083	41661
Not a visible minority	49781	39434	47910	34888	53907	42529	49160	39401

2ND GENERATION 35-44 VISIBLE MINORITIES EXCEED WHITE POPULATION NOTABLY IN EDMONTON AND VANCOUVER BUT BIG GAP IN MONTREAL FOLLOWED BY NARROWER IN TORONTO. BLACK AND LATIN AMERICAN LAG BEHIND OTHER VISIBLE MINORITIES

Second generation Average after-tax income (\$) 35 to 44 years	Canada	Montreal	Ottawa	Toronto	Calgary	Edmonton	Vancouver
Total	54585	48832	59546	58656	71988	66400	55296
Total - Visible minority population	55994	44812	59180	56796	70950	73401	55401
South Asian	62671	52553	62484	66047	82844	79231	55179
Chinese	65398	50285	65724	70347	76982	75289	59248
Black	45722	40368	51454	45360	58422	100713	41136
Filipino	51826	44427	54066	52332	63152	62182	49475
Latin American	45069	38440	55272	44752	55172	56067	40642
Arab	53327	58360	55677	55788	46655	55051	57472
Southeast Asian	53490	55141	46975	52942	67410	57404	48540
West Asian	56166	49621	64465	54000	0	63526	50344
Korean	62771	51763	82902	61405	92931	60269	58424
Japanese	52091	60576	75564	46579	64403	71905	50995
Not a visible minority	54174	50060	59654	59532	72379	64030	55225

MEDIAN AFTER TAX IN SECOND GENERATION 35-44 SHOWS SIMILAR PATTERN THOUGH GAP NARROWS BETWEEN VISIBLE MINORITIES AND NON VISIBLE MINORITIES IN MONTREAL. ALL GROUPS SURPASS NON VISIBLE MINORITIES EXCEPT BLACK, LATIN AMERICAN AND ARAB

Second generation Median after-tax income (\$) 35 to 44 years	Canada	Montreal	Ottawa	Toronto	Calgary	Edmonton	Vancouver
Total	48166	43521	57999	51453	57841	56629	49801
Total - Visible minority population	49326	40854	59031	50258	59768	57348	50838
South Asian	53273	46222	65764	55798	65273	61969	49185
Chinese	59562	45733	69139	65094	68737	65859	55468
Black	41503	38255	50231	42108	49389	51531	37079
Filipino	49065	42592	57682	49454	56999	59083	47696
Latin American	43388	38964	55782	43755	41682	49469	35072
Arab	44019	48231	52241	47740	37441	36123	35136
Southeast Asian	48595	47655	49767	49169	65522	50851	46999
West Asian	49409	45421	65009	48576	0	58757	32212
Korean	56825	49952	83455	57312	84870	46603	52048
Japanese	49013	51507	65541	46774	65525	68471	49130
Not a visible minority	47844	44382	57666	52122	57292	56247	49142

CALGARY AND MONTREAL HAD HIGHEST VISIBLE MINORITIES UNEMPLOYMENT IN 2016 BUT GAP BETWEEN VISIBLE MINORITIES AND WHITE HIGHEST IN MONTREAL

University certificate, diploma or degree at bachelor level or above Non-immigrants 25 to 64 years Unemployment rate 2016	Canada	Montreal	Ottawa	Toronto	Calgary	Edmonton	Vancouver
Total	3.5	3.2	3.1	3.9	5.7	3.8	3.3
Total - Visible minority population	4.8	5.7	4.2	5.0	6.8	3.8	3.3
South Asian	5.4	8.4	6.0	5.6	7.1	4.2	4.1
Chinese	4.0	4.5	2.9	4.0	6.7	3.5	3.1
Black	5.8	5.9	3.7	6.4	6.1	6.5	5.3
Filipino	4.2	4.6	4.8	4.8	3.5	3.0	2.1
Latin American	5.1	5.4	8.8	5.6	9.4	5.4	0.0
Arab	5.2	6.1	6.7	4.0	4.7	4.6	0.0
Southeast Asian	4.9	4.3	2.5	6.6	6.3	0.0	3.2
Korean	4.3	0.0	8.0	3.5	15.7	5.6	3.8
Not a visible minority	3.4	3.1	3.1	3.6	5.6	3.8	3.3

MONTREAL HAD HIGHEST VISIBLE MINORITIES UNEMPLOYMENT AMONGST NEWCOMERS IN 2016 FOR MOST EDUCATED 35-44 YEARS OF AGE

35 to 44 years University certificate, diploma or degree at bachelor level or above 2011 to 2016. Unemployment rate	Canada	Montreal	Ottawa	Toronto	Calgary	Edmonton	Vancouver
Total	11.6	17.9	14.0	11.7	12.9	8.9	8.9
Total - Visible minority population	11.7	20.0	13.6	12.0	13.0	8.9	9.7
South Asian	12.3	17.3	13.6	12.9	13.7	8.9	12.4
Chinese	13.9	18.4	17.0	13.5	17.0	17.2	10.4
Black	15.6	20.4	15.2	12.0	22.1	15.2	7.3
Filipino	4.2	7.4	3.3	4.0	4.1	4.3	4.2
Latin American	13.0	16.0	12.1	11.1	14.8	5.5	8.3
Arab	20.8	24.9	22.8	19.2	21.9	21.7	7.0
Southeast Asian	8.8	10.8	0.0	8.6	12.5	12.5	11.6
West Asian	18.7	27.4	10.7	18.0	27.3	12.9	15.6
Korean	9.4	23.1	0.0	11.2	7.0	7.4	8.4
Not a visible minority	11.1	14.7	15.5	10.2	12.1	9.5	6.4



LOW INCOME



LOW INCOME GAP REMAINS WIDE BETWEEN VISIBLE MINORITIES AND NON-VISIBLE MINORITIES WITH VISIBLE MINORITIES RATE HIGHEST IN MONTREAL

25 to 54 years Low-income indi: Low-income measure, after tax (LIM-AT) Prevalence of low income (%)	Canada	Montreal	Ottawa	Toronto	Calgary	Edmonton	Vancouver
Total	12.3	13.7	10.4	14.2	7.5	7.7	14.8
Total - Visible minority population	18.3	23.2	19.3	18.2	10.3	11.0	19.0
South Asian	15.2	22.5	13.1	16.6	10.1	9.5	11.2
Chinese	19.9	25.4	13.6	18.1	8.1	9.1	23.9
Black	20.5	21.0	23.5	20.7	15.4	17.0	21.9
Filipino	6.5	12.7	8.3	6.8	4.0	3.7	7.0
Latin American	17.1	19.9	14.2	17.9	9.5	10.8	19.0
Arab	32.4	29.3	33.9	32.8	26.5	27.0	40.4
Southeast Asian	14.7	15.1	12.6	16.4	6.3	7.0	17.8
West Asian	32.1	36.9	22.9	34.9	16.9	20.8	31.7
Korean	29.3	34.5	21.7	27.3	18.6	16.4	32.1
Japanese	13.2	20.1	7.4	14.7	6.0	7.6	15.0
Not a visible minority	10.3	10.6	7.4	9.7	6.0	6.3	10.5

GAP BETWEEN IMMIGRANT AND NON-IMMIGRANT REMAINS HIGH AND SOMEWHAT HIGHER IN MONTREAL THAN ELSEWHERE; RECENT IMMIGRANTS FARED BETTER IN ALBERTA

Prevalence of low income (%) 25 to 54 years	Low-income measure, after tax (LIM-AT)						
	Canada	Montreal	Ottawa	Toronto	Calgary	Edmonton	Vancouver
Total - Immigrant status and period of immigration	12.3	13.7	10.5	14.2	7.5	7.7	14.8
Non-immigrants	9.9	9.7	7.2	8.4	5.6	6.1	9.4
Immigrants	17.1	20.8	17.1	17.8	10.0	10.4	18.7
Before 1981	9.4	11.8	6.8	9.1	6.6	5.7	9.2
1981 to 1990	11.3	14.6	12.0	11.3	6.6	7.0	11.2
1991 to 2000	14.3	17.4	13.3	14.4	9.2	9.5	15.0
2001 to 2010	17.1	17.4	18.8	19.1	8.9	9.7	20.9
2001 to 2005	15.8	16.2	15.8	17.0	9.0	10.3	19.2
2006 to 2010	18.2	18.3	21.8	21.4	8.8	9.3	22.4
2011 to 2016	27.9	35.3	33.0	32.1	14.6	14.2	30.0
Non-permanent residents	33.2	41.0	39.7	34.7	16.0	16.7	36.7

COST OF LIVING RAISES RATE OF LOW INCOME IN MOST AREAS WITH MONTREAL AND TORONTO TOPS

	Individual low-: Prevalence of low income (%) 25 to 54 years			
	Low-income measure, after tax (LIM-AT)	Low-income measure, before tax (LIM-BT)	Low-income cut-offs, after tax (LICO-AT)	Low-income cut-offs, before tax (LICO-BT)
Total				
Canada	12.3	14.6	9.0	11.9
Montreal	13.7	16.8	11.4	14.8
Ottawa	10.5	12.3	9.1	11.6
Toronto	14.2	16.9	12.3	15.9
Calgary	7.5	8.8	7.5	9.3
Edmonton	7.7	9.0	7.1	9.2

IMMIGRANTS FARE WORSE IN MONTREAL THAN ELSEWHERE ACROSS SPECTRUM OF LOW INCOME DIMENSIONS

	Prevalence of low income (%) 25 to 54 years			
	Low-income measure, after tax (LIM-AT)	Low-income measure, before tax (LIM-BT)	Low-income cut-offs, after tax (LICO-AT)	Low-income cut-offs, before tax (LICO-BT)
Canada	17.1	20.5	13.1	17.4
Montreal	20.8	26.2	16.4	22.0
Ottawa	17.1	20.4	13.8	18.0
Toronto	17.8	21.5	14.5	19.4
Calgary	10.0	11.9	8.9	11.5
Edmonton	10.4	12.4	8.6	11.7
Vancouver	18.7	20.9	15.1	18.7

MONTREAL AND VANCOUVER FARE WORST ACROSS ALL DIMENSIONS OF LOW INCOME FOR NON-IMMIGRANTS

	Prevalence of low income (%) 25 to 54 years			
	Low-income measure, after tax (LIM-AT)	Low-income measure, before tax (LIM-BT)	Low-income cut-offs, after tax (LICO-AT)	Low-income cut-offs, before tax (LICO-BT)
Non-immigrants				
Canada	9.9	11.7	6.7	8.9
Montreal	9.7	11.7	8.2	10.5
Ottawa	7.2	8.4	6.5	8.2
Toronto	8.4	9.7	7.7	9.6
Calgary	5.6	6.5	6.1	7.3
Edmonton	6.1	7.1	5.9	7.4
Vancouver	9.4	10.5	9.2	11.1

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