

# OTTAWA IMMIGRANT POPULATION SPOTLIGHT



# IMMIGRANT LABOUR POOL IN OTTAWA

## Ottawa Trends Unemployment Rates

Ottawa overall	Immigrants	Newcomers (past 5 years)	Refuges (past 5 years)
2006 <b>5.8%</b>	2006 <b>7.2%</b>	2006 <b>13.5%</b>	2006 <b>N/A</b>
2011 <b>6.9%</b>	2011 <b>8.1%</b>	2011 <b>15.5%</b>	2011 <b>N/A</b>
2016 <b>7.1%</b>	2016 <b>8.0%</b>	2016 <b>15.2%</b>	2016 <b>24.2%</b>

Ottawa has **higher** immigrant unemployment rates than Toronto and Ontario, this includes higher newcomer and refugee newcomer rates.

## How Ottawa rates compared in 2016

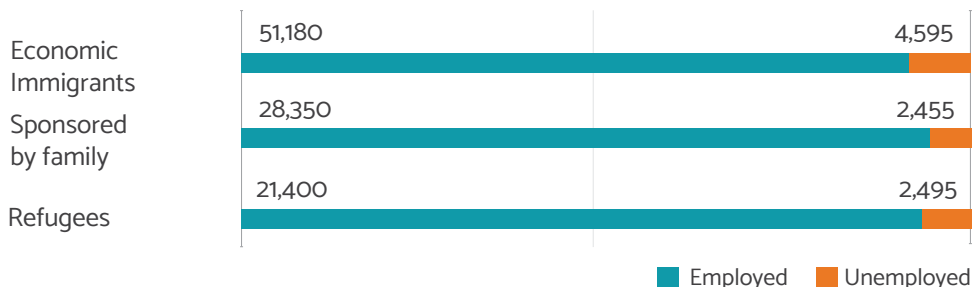
Ottawa overall	Immigrants	Newcomers (past 5 years)	Refuges (past 5 years)
0.6 points <b>lower</b>	0.5 points <b>higher</b>	2.6 points <b>higher</b>	7.2 points <b>higher</b>
<b>THAN TORONTO</b>			
0.3 points <b>lower</b>	3.8 points <b>higher</b>	2.5 points <b>higher</b>	6.2 points <b>higher</b>
<b>THAN ONTARIO</b>			

## Comparative Unemployment | Population 15 and over ( Working age )



Ottawa's immigrant labour pool of **208,695** has **132,200** participants in the labour force (a participation rate of 63.3% versus 69.4% for non-Immigrants).<sup>1</sup>

### A closer look at the Immigrant labour force in Ottawa (showing those who arrived between 1980 and 2016)<sup>2</sup>



## EMPLOYMENT AND UNEMPLOYMENT

Labour force status by age, Immigrant population, Ottawa, 2016<sup>3</sup>

Age Group	In the labour force	Employed	Unemployed	Not in the labour force	Participation rate	Employment rate	Unemployment rate
15 to 24	9,520	7,260	2,265	8,640	52.4%	40.0%	23.8%
25 to 34	21,855	19,665	2,185	5,045	81.2%	73.1%	10.0%
35 to 44	31,335	29,110	2,230	6,005	83.9%	77.9%	7.1%
45 to 54	38,370	36,290	2,085	6,635	85.3%	80.6%	5.4%
55 to 64	23,590	22,185	1,405	10,190	69.8%	65.7%	6.0%
65 to 74	6,605	6,220	385	20,255	24.6%	23.2%	5.8%
75 and over	920	840	85	19,725	4.5%	4.1%	9.2%

### Employment & training supports<sup>5</sup>

**10,635** unemployed immigrants in Ottawa in 2016; 2,002 newcomers\* were Employment Ontario clients

\*EO uses the term 'newcomer' which does not include all immigrants; EO newcomer data shown below

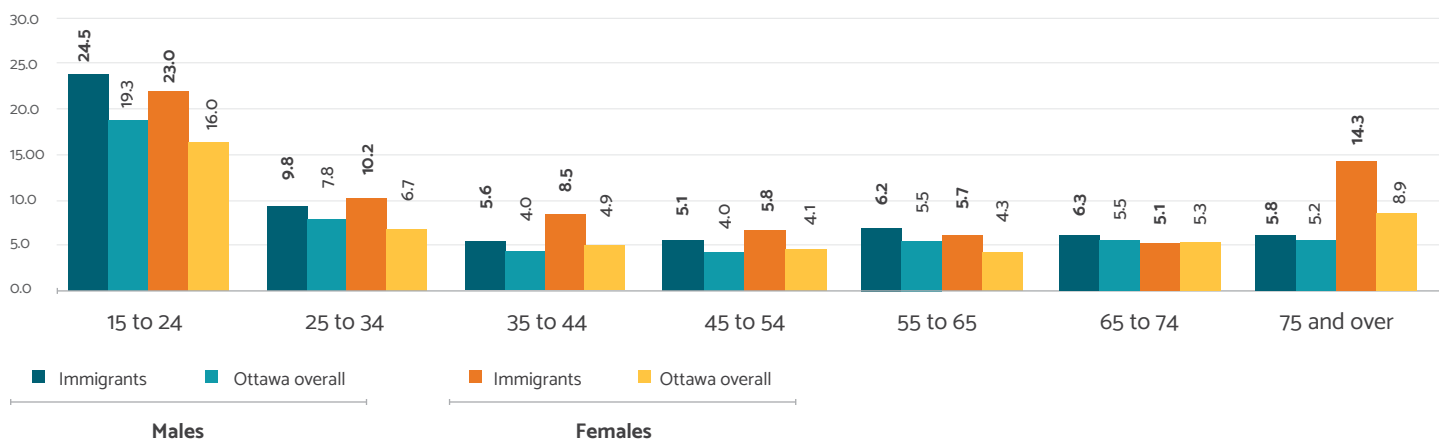
- **1,584** in Employment Service
- **358** in Literacy and Basic Skills program
- **31** in Apprenticeship
- **29** in Second Career program

### A closer look at landing periods<sup>6</sup>

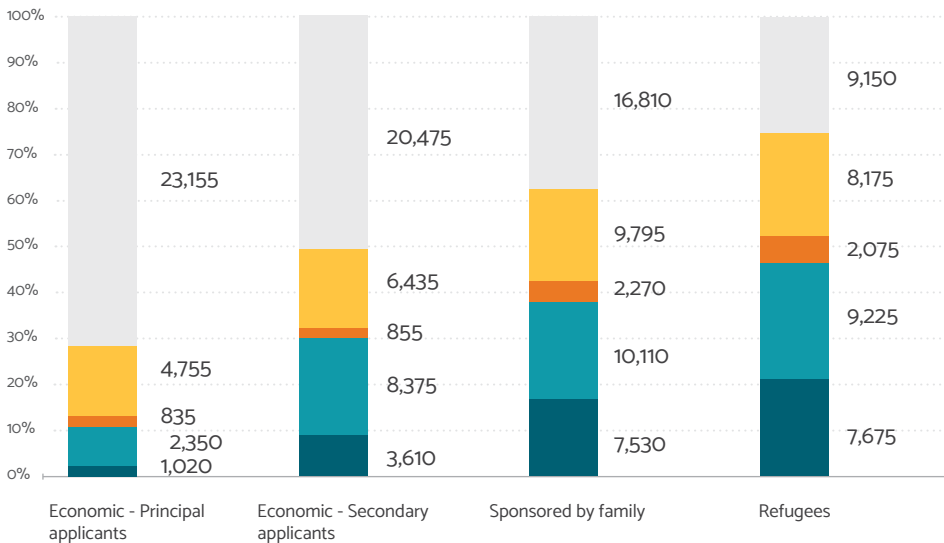
Unemployment rates **decrease** for immigrants in Canada longer

- Before 1981 **4.6%**
- 1981 to 1990 **4.9%**
- 1991 to 2000 **7.1%**
- 2001 to 2005 **9.3%**
- 2006 to 2010 **11.3%**
- 2011 to 2016 **15.1%**

### Unemployment rate by age, Immigrant population vs. Overall, Ottawa, 2016<sup>4</sup>



# EDUCATIONAL ATTAINMENT & PROGRAMS OF STUDY

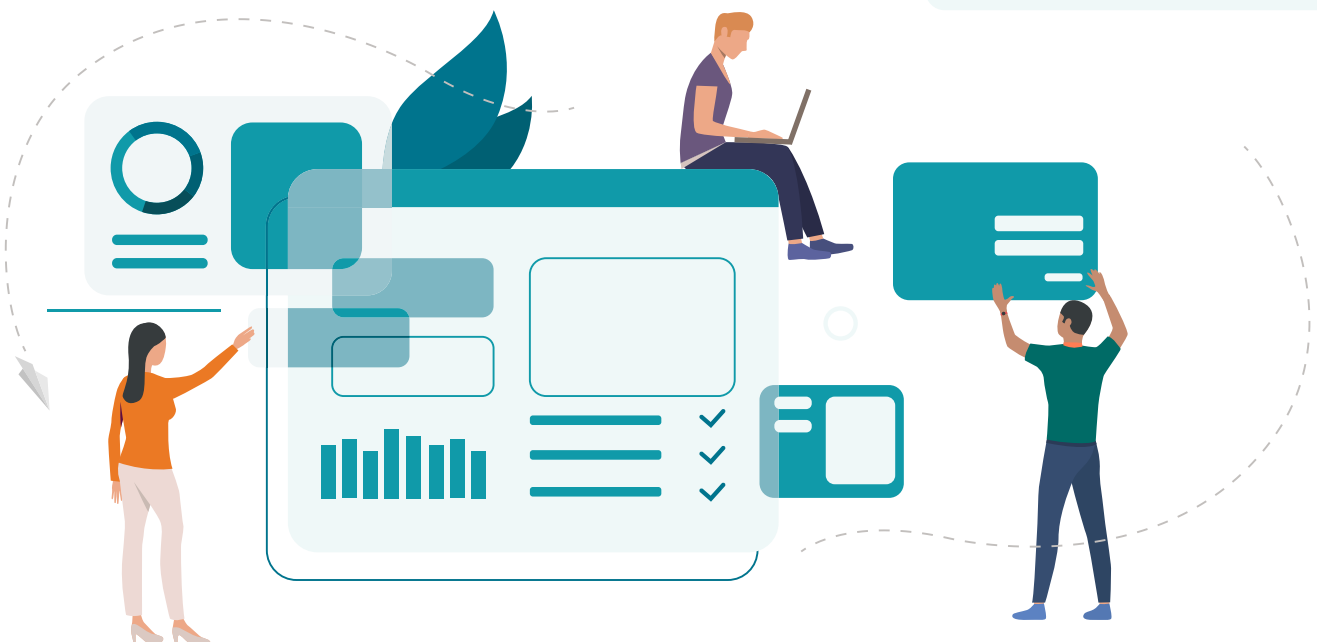


- University certificate, diploma or degree at bachelor level or above
- College, CEGEP or other non-university certificate or diploma
- Apprenticeship or trades certificate or diploma
- Secondary (high) school diploma or equivalency certificate
- No certificate, diploma or degree

## A closer look at those with no post-secondary completion<sup>7</sup>

The immigrant unemployment (UE) rate is similar to that of the overall population when looking at those with no postsecondary credentials.

No Post-Secondary Completion	% of pool	UE rate
Ottawa overall	37%	11.4%
<b>Immigrants</b>	<b>33%</b>	<b>12.6%</b>
Economic (Primary)	10%	3.4%
Economic (Secondary)	30%	18.8%
Sponsored by family	38%	9.5%
Refugees	47%	13.7%



## PROGRAMS OF STUDY AND WORK STATUS

The table below shows the number of immigrants with and without postsecondary credentials in Ottawa, as well as field of study for those with postsecondary credentials. It also looks at the percentage of those individuals working at the time of the 2016 Census and compares that to the overall Ottawa population.

Field of study	Postsecondary educational attainment	Number employed	Percentage employed	
	Immigrants	Immigrants	Immigrants	Ottawa overall
Total (all levels of education)	208,695	121,565	58%	63%
No postsecondary certificate, diploma or degree	68,670	27,920	41%	48%
<b>STEM</b>	<b>46,195</b>	<b>32,700</b>	<b>71%</b>	<b>73%</b>
Science and science technology	11,600	7,290	63%	69%
Engineering and engineering technology	22,045	15,680	71%	73%
Mathematics and computer and information science	12,550	9,725	77%	78%
<b>BHASE (non-STEM)</b>	<b>93,830</b>	<b>60,940</b>	<b>65%</b>	<b>71%</b>
Business and administration	25,490	17,850	70%	72%
Arts and humanities	12,100	6,845	57%	67%
Social and behavioural sciences	16,380	10,950	67%	75%
Legal professions and studies	2,855	1,940	68%	77%
Health care	16,475	11,230	68%	69%
Education and teaching	6,425	3,615	56%	63%
Trades, services, natural resources and conservation	14,100	8,520	60%	71%

### Immigrants by Program of Study<sup>8</sup>

Immigrants are more likely to have STEM education and less likely to have a trades completion

IMMIGRANTS	Ottawa overall
<b>33%</b> No postsecondary certificate, diploma or degree	37%
<b>22%</b> STEM	15%
<b>45%</b> BHASE (non-STEM)	48%
<b>7%</b> Trades, services, natural resources and conservation	9%

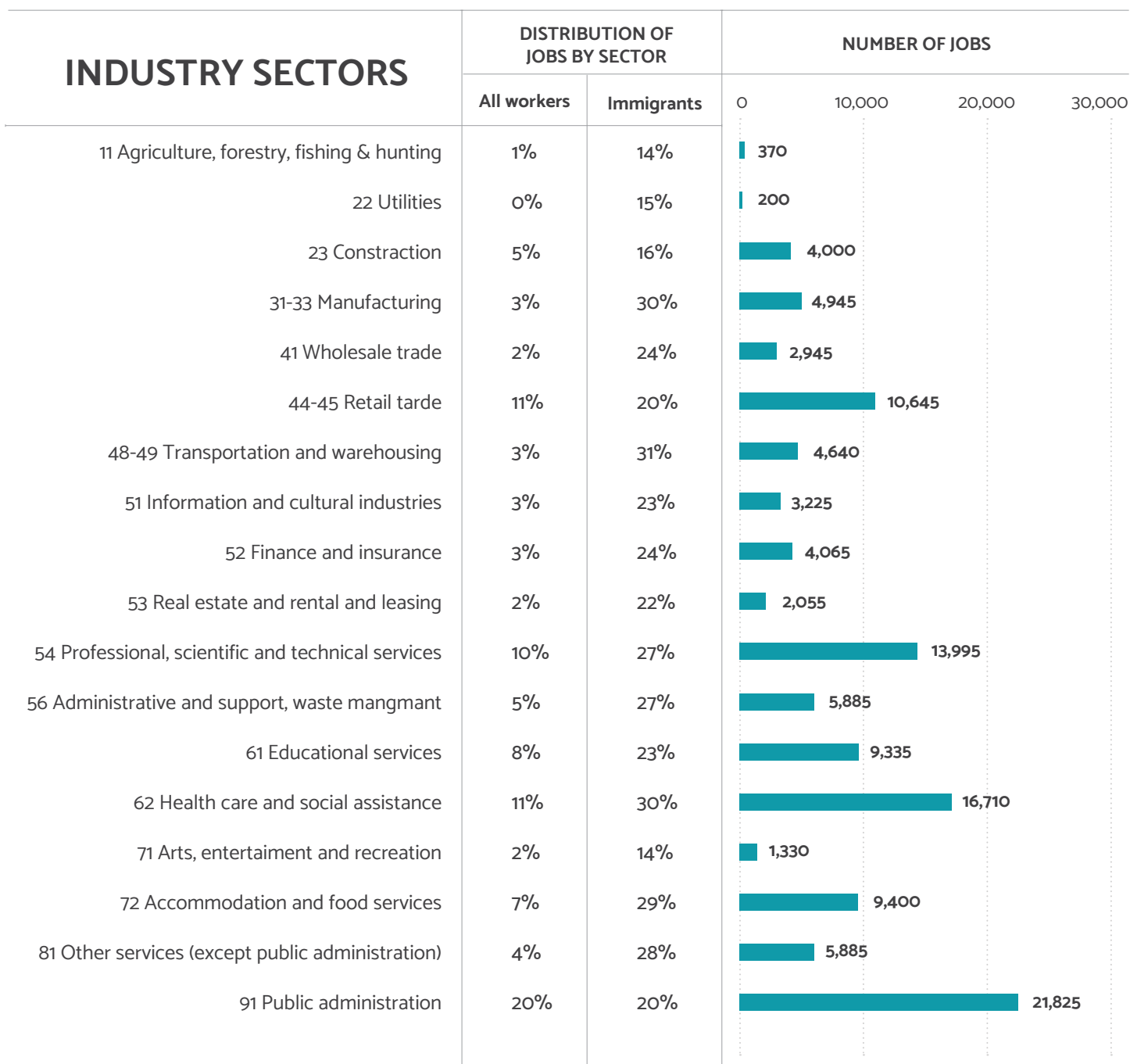
### A closer look at gaps in Percentage working

- For those with trades-related education, the employment rate of immigrants is **11 percentage points lower** than for the overall population
- The gap for those in **non-STEM**, which includes trades, was **6 points**, with the smallest gap seen in Health care (1%)
- The gap for those with **STEM** credentials is **2%**, with a 1% gap in Mathematics and computer and information science

## WHERE IMMIGRANTS WORK IN OTTAWA (Industry Sectors)<sup>9</sup>

The chart below and table included here show the industry sectors with more than 1,000 overall jobs in Ottawa; the chart shows the # of immigrants working in the sector at the time of the 2016 Census (May 2016) and the table shows the share of immigrants in the sector.

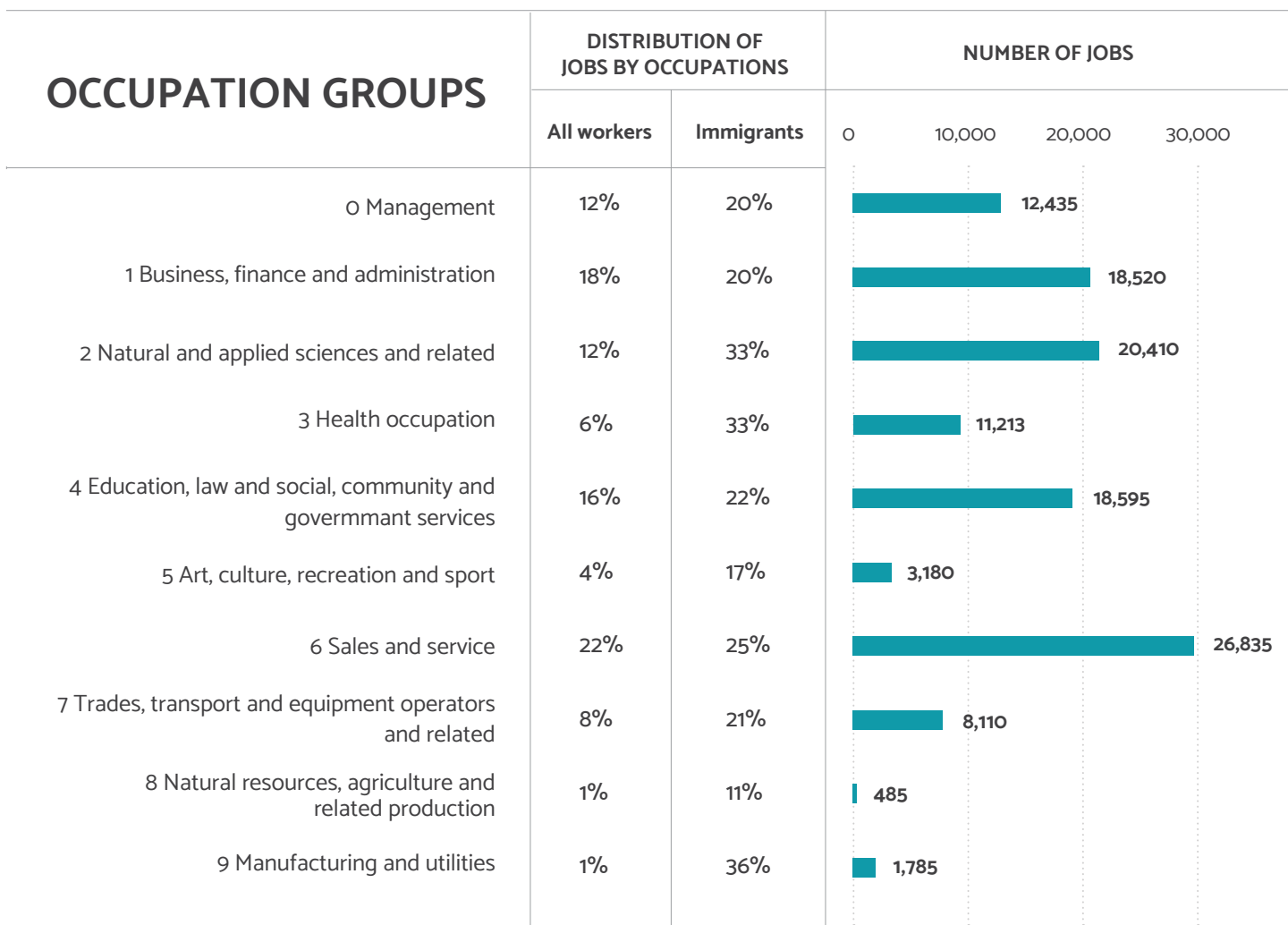
2016 Share of sector jobs  
(average 24%)



## WHAT IMMIGRANTS DO IN OTTAWA (Occupations)<sup>10</sup>

These figures show # and share of immigrant workers by occupation group at the time of the 2016 Census (where occupation group was identifiable).

2016 Share of occupation group jobs  
(average 24%)



# 2017 INTENDED OCCUPATIONS OF NEW PERMANENT RESIDENTS<sup>11</sup>

Newly admitted permanent residents that specified an intended occupation in 2017 (note that this data does not include Refugees)

TOP TEN Intended Occupations (Ottawa)	Number of new permanent residents intending to work
Computer programmers & interactive media developers	80
Information systems analysts and consultants	75
Electrical and electronics engineers	50
University professors and lecturers	40
Computer engineers (except software engineers and designers)	35
Electrical and electronics engineering technologists & technicians	30
User support technicians	30
Administrative assistants	25
Retail and wholesale trade managers	20

## Skill level of intended occupation (2017)

### Of those who plan to work:

- **11%** plan to work in a Managerial position
- **61%** plan to work in a Skill Level A occupation (usually requires university education)
- **26%** plan to work in a Skill Level B occupation (usually requires college education or apprenticeship training)
- **2%** plan to work in a Skill Level C occupation (usually require secondary school and/or occupation-specific training)
- **None** plan to work in a Skill Level D occupation (on-the-job training is all that is required)



## 2016 IMMIGRANT EMPLOYMENT (by Occupation)<sup>12</sup>

Highest number of immigrants		Highest share of immigrants *occupations with 500+ overall jobs	
3,625	Information systems analysts and consultants	Electronics assemblers, fabricators, inspectors & testers	79%
3,430	Light duty cleaners	Taxi and limousine drivers and chauffeurs	72%
3,275	Nurse aides, orderlies and patient service associates	Nurse aides, orderlies and patient service associates	60%
3,270	Retail salespersons	Light duty cleaners	55%
2,965	Computer programmers & interactive media developers	Software engineers & designers	51%
2,885	Software engineers & designers	Pharmacists	51%
2,605	Food counter attendants, kitchen helpers & related support occupations	Estheticians, electrologists and related occupations	50%
2,255	Retail & wholesal trade managers	Dentists	49%
2,235	Registered nurses and registered psychiatric nurses	University professors and lecturers	46%
1,955	Administrative officers	Computer engineers (except software engineers & designers)	46%

### Occupations with the most immigrants

- Information systems analysts and consultants top the list with 3,625 immigrants.
- 3 of the top 10 occupations fall in the Sales & service category; 3 fall in Natural & applied sciences

### Highest share of immigrants

- Immigrants hold 79% of Electronics assemblers, fabricators, inspectors & testers jobs.
- Occupations split between low paying and highly skilled, perhaps reflecting immigration policy around refugees and skilled workers.
- Those in bold made both lists.

## OTHER WORKFORCE COMPARATORS OF INTEREST:

- Immigrant workers are more likely than the overall employed workforce to use public transportation to get to work (24% vs. 20%)
- Immigrant workers are more likely to be self-employed (10% vs. 8%)
- Immigrant workers are slightly less likely to work full year, full time (51% of employed immigrants vs. 55% of overall employed)
- Immigrant workers are less likely to regularly use both official languages in the workplace (17% vs. 27%)
- Immigrant workers have a lower average annual income (\$49,441 vs. \$52,798)

### QUICK EMPLOYED WORKFORCE FACTS<sup>13</sup>

- **24%** use public transportation to get to work
- **10%** are self-employed
- **51%** work full year, full time
- **17%** use both English and French regularly at work
- **\$49,441** average annual income

# ENDNOTES

1. Statistics Canada. 2016 Census (accessed via table 98-400-X2016286). Ottawa Census Metropolitan Area (Ontario part).
2. Statistics Canada. 2016 Census (accessed via table 98-400-X2016204). Ottawa Census Metropolitan Area (Ontario part).
3. Statistics Canada. 2016 Census (accessed via table 98-400-X2016286). Ottawa Census Metropolitan Area (Ontario part).
4. Statistics Canada. 2016 Census (accessed via table 98-400-X2016286). Ottawa Census Metropolitan Area (Ontario part).
5. Statistics Canada. 2016 Census (accessed via table 98-400-X2016286). Ottawa Census Metropolitan Area (Ontario part); custom Employment Ontario data. Ottawa Census Subdivision.
6. Statistics Canada. 2016 Census (accessed via table 98-400-X2016286). Ottawa Census Metropolitan Area (Ontario part).
7. Statistics Canada. 2016 Census (accessed via table 98-400-X2016204). Ottawa Census Metropolitan Area (Ontario part).
8. Statistics Canada. 2016 Census (accessed via table 98-400-X2016276). Ottawa Census Metropolitan Area (Ontario part).
9. Statistics Canada. 2016 Census custom data. Ottawa Census Metropolitan Area (Ontario part).
10. Statistics Canada. 2016 Census custom data. Ottawa Census Metropolitan Area (Ontario part).
11. Immigration, Refugees and Citizenship Canada (IRCC) custom data order.
12. Statistics Canada. 2016 Census custom data. Ottawa Census Metropolitan Area (Ontario part).
13. Statistics Canada. 2016 Census (accessed via tables 98-400-X2016330, 98-400-X2016253, 98-400-X2016270, 98-400-X2016092, and 98-400-X2016205). Ottawa Census Metropolitan Area (Ontario part).