

Waterloo Region Immigration Fact Sheet



Region of Waterloo
PUBLIC HEALTH



IMMIGRATION
PARTNERSHIP
Settle. Work. Belong.

Employment, Education and Income

This is one in a series of fact sheets that provide a profile of immigrants in Waterloo Region. Understanding the makeup of our community is important for planning programs and services. Between 2006 and 2011, 15,465 individuals immigrated to this region. There are differences in the employment, education and income status of immigrants and Canadian-born in Waterloo Region, with recent immigrants in particular being at a disadvantage in terms of their employment and income earning opportunities. Definitions for key terms used throughout the document can be found in the Notes section at the end of this fact sheet.

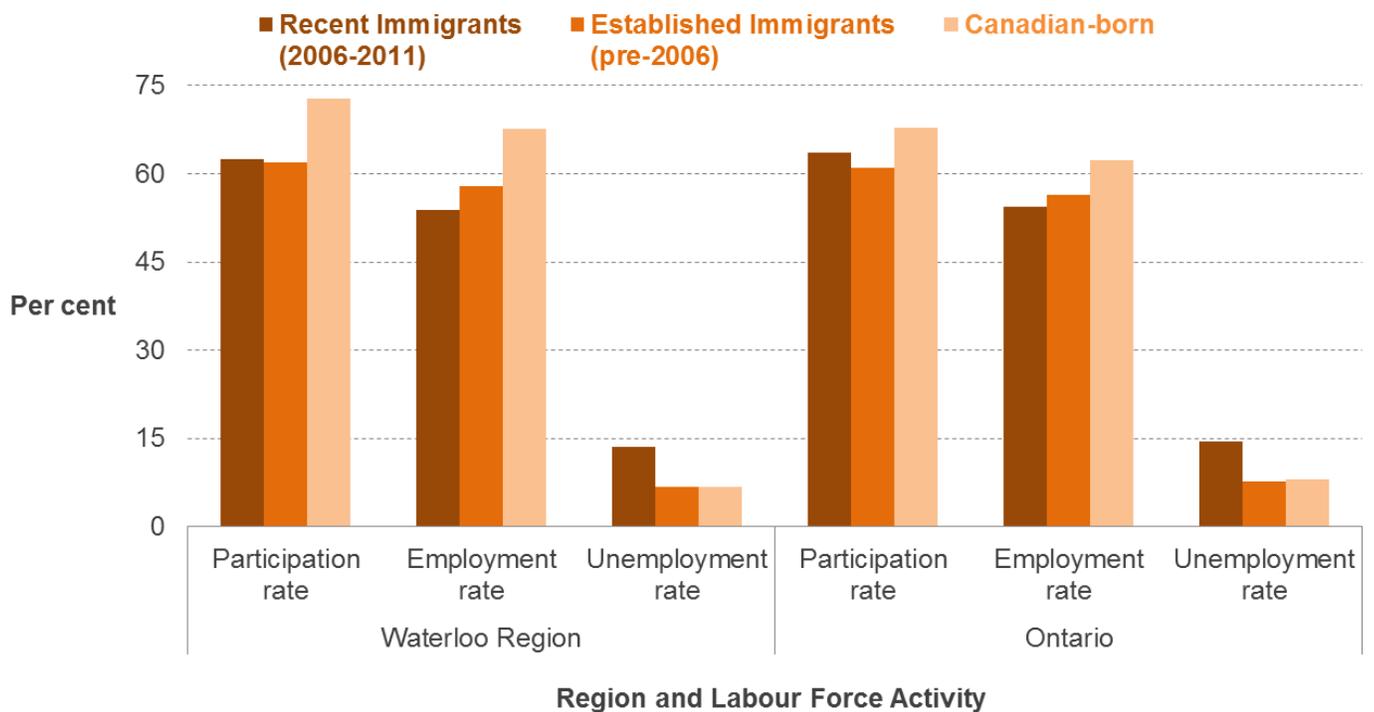
Employment

Labour force activity, by status, Waterloo Region and Ontario, 2011

Labour force status	Recent Immigrants (2006-2011)		Established Immigrants (pre-2006)		Canadian-born	
	Number	Per cent	Number	Per cent	Number	Per cent
Waterloo Region						
Total population (15+ yrs)	12,185	100	93,435	100	297,580	100
In the labour force	7,610	62	57,920	62	216,230	73
Employed	6,570	54	54,035	58	201,525	68
Unemployed	1,035	14	3,895	7	14,705	7
Not in the labour force	4,585	38	35,500	38	81,350	27
Ontario						
Total population (15+ yrs)	410,270	100	3,032,625	100	6,912,390	100
In the labour force	260,825	64	1,851,200	61	4,684,585	68
Employed	222,845	54	1,708,345	56	4,305,345	62
Unemployed	37,980	15	142,850	8	379,245	8
Not in the labour force	149,450	36	1,181,420	39	2,227,805	32

Source: Statistics Canada, National Household Survey, 2011

Participation in the labour force, by status, Waterloo Region and Ontario, 2011

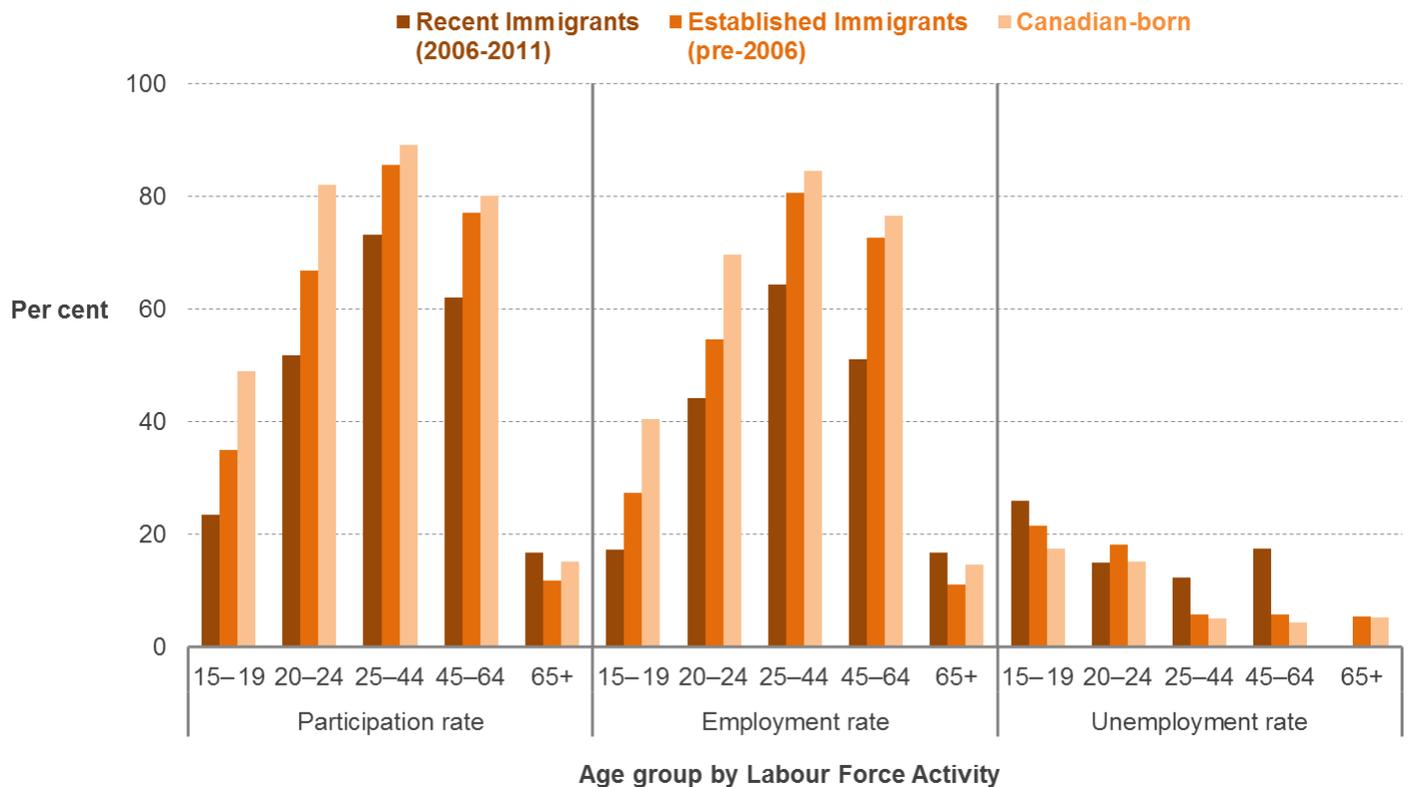


Source: Statistics Canada, National Household Survey, 2011

The findings below present data from the above two figures.

- The unemployment rates of recent and established immigrants in Waterloo Region are estimated to be slightly lower than the provincial rates.
- In Waterloo Region, recent immigrants (14%) are estimated to be twice as likely as established immigrants and Canadian-born individuals (7%) to be unemployed. A similar trend exists for Ontario (15% vs. 8%, respectively).
- In 2011, it was estimated that an equal proportion of recent immigrants and established immigrants (62%) participated in the labour force in Waterloo Region which was below the participation rate of Canadian-born individuals (73%). Across Ontario, the proportion of recent immigrants that participated in the labour force was slightly higher at 64%.
- Estimated differences in employment rates between recent immigrants and Canadian-born was greater in Waterloo Region than in Ontario.
- Of the recent immigrants in the labour force in Waterloo Region, an estimated 86% are employed compared to 93% of established immigrants and Canadian-born individuals. The percentage of employed immigrants, both recent and established, and Canadian-born individuals was similar for Ontario.

Participation in the labour force, by status and age group, Waterloo Region, 2011

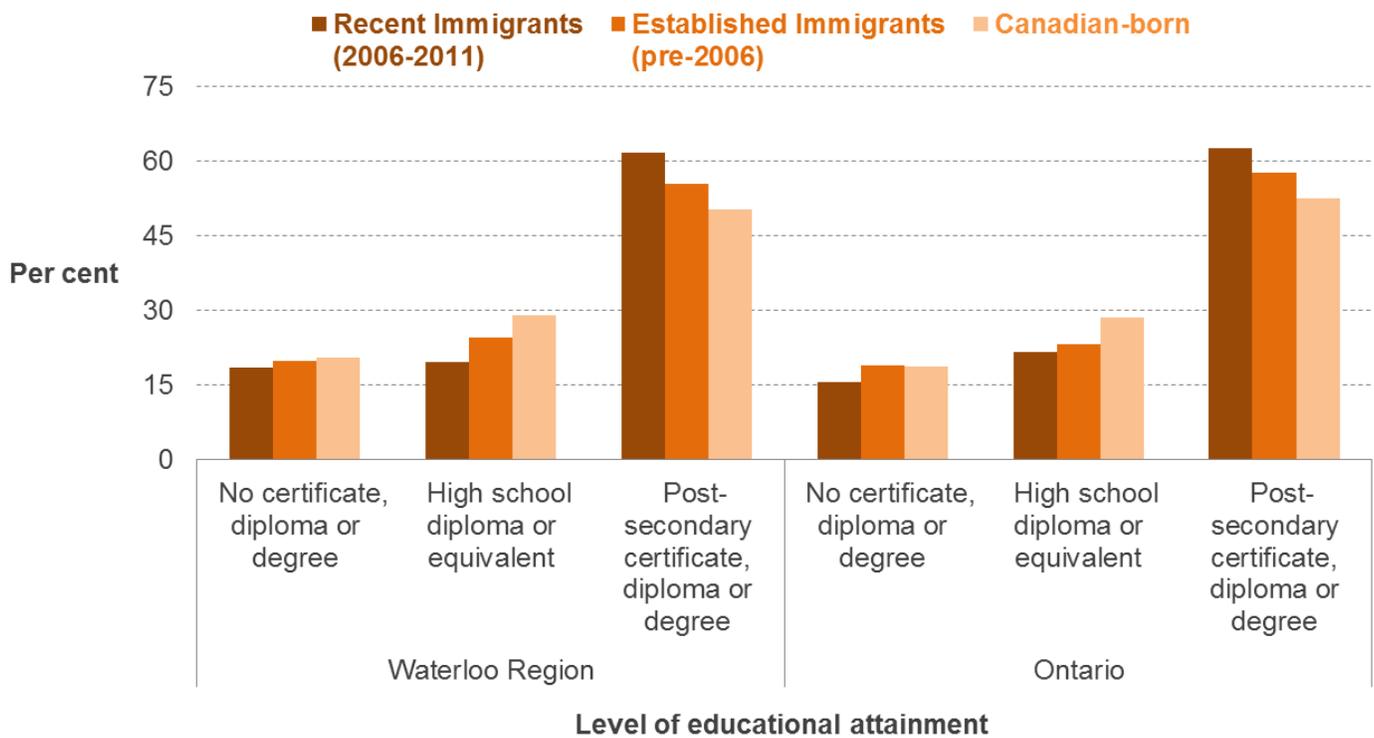


Source: Statistics Canada, National Household Survey, 2011

- The participation, employment and unemployment rate of recent immigrants, established immigrants and Canadian-born varied greatly by age group.
- Across all but the oldest age group, it was estimated that Canadian-born individuals are more likely to participate and be employed compared to recent and established immigrants.
- Among immigrants aged 15 to 19 years, 20 to 24 years, 25 to 44 years and 45 to 64 years, established immigrants are estimated to be 12% to 15% more likely to participate in the labour force and 10% to 22% more likely to be employed than recent immigrants.
- Recent immigrants are more likely to be unemployed than established immigrants or Canadian-born individuals, particularly adults aged 45 to 64 years (estimated at 18% vs. 6% and 4%, respectively) and 25 to 44 years (estimated at 12% vs. 6% and 5%, respectively), and youth aged 15 to 19 years (estimated at 26% vs. 21% and 18%, respectively).

Education and Occupation

Level of educational attainment, by status, Waterloo Region and Ontario, 2011



Source: Statistics Canada, National Household Survey, 2011

- Recent immigrants are estimated to have a higher level of educational attainment than established immigrants and Canadian-born individuals in Waterloo Region: 62% of recent immigrants have a post-secondary certificate, diploma or degree compared to 56% of established immigrants and 51% of Canadian-born individuals. A similar trend existed at the provincial level.
- In Waterloo Region, of those with any type of post-secondary certificate, diploma or degree, it is estimated that 40% of recent immigrants held a university degree compared to only 19% of established immigrants, and 13% of Canadian-born individuals.
- The proportion of recent immigrants with a university degree is estimated to be higher locally (40%) than provincially (30%).

Field of study, by status, Waterloo Region and Ontario, 2011

Classification of Instructional Programs	Recent Immigrants		All Immigrants		Total population	
	Waterloo Region	Ontario	Waterloo Region	Ontario	Waterloo Region	Ontario
Business, management and public administration	19.0	25.3	18.4	22.9	20.1	21.4
Architecture, engineering, and related technologies	24.2	18.5	31.1	23.3	23.5	20.1
Health and related fields	9.8	13.5	10.7	12.6	12.8	13.8
Social and behavioural sciences and law	9.6	10.5	8.5	9.9	10.6	11.9
Education	4.1	4.9	4.3	5.0	6.4	6.8
Humanities	6.8	6.9	5.8	6.0	6.6	6.1
Personal, protective and transportation services	2.7	2.9	4.6	3.9	5.7	5.4
Mathematics, computer and information sciences	10.9	7.5	6.9	6.4	5.4	4.7
Physical and life sciences and technologies	7.6	5.7	5.2	5.3	4.0	4.0
Visual/performing arts; communications technologies	3.5	2.9	2.7	3.1	3.2	3.9
Agriculture, natural resources and conservation	1.7	1.4	1.6	1.4	1.7	1.8
Other fields of study	0.0	0.0	0.1	0.0	0.1	0.0

Source: Statistics Canada, National Household Survey, 2011

- In Waterloo Region, among individuals with a post-secondary certificate, diploma, or degree it is estimated that:
 - Immigrants (31%) are much more likely to have studied architecture, engineering, and related technologies than the population in general (24%); this difference was more pronounced in Waterloo Region compared to Ontario (23% vs. 20%).
 - Recent immigrants (11%) are much more likely to have studied mathematics, or computer and information sciences than the population in general (5%); this difference was more pronounced in Waterloo Region compared to Ontario (8% vs. 5%).
 - Recent immigrants (8%) are much more likely to have studied physical and life sciences, and technologies than the population in general (4%); this difference was more pronounced in Waterloo Region compared to Ontario (6% vs. 4%).
 - Individuals having studied personal, protective and transportation services were more prevalent in the general population (6%) compared to recent immigrants (3%); this difference was similar provincially (5% vs. 3%).

Occupational field, by status, Waterloo Region and Ontario, 2011

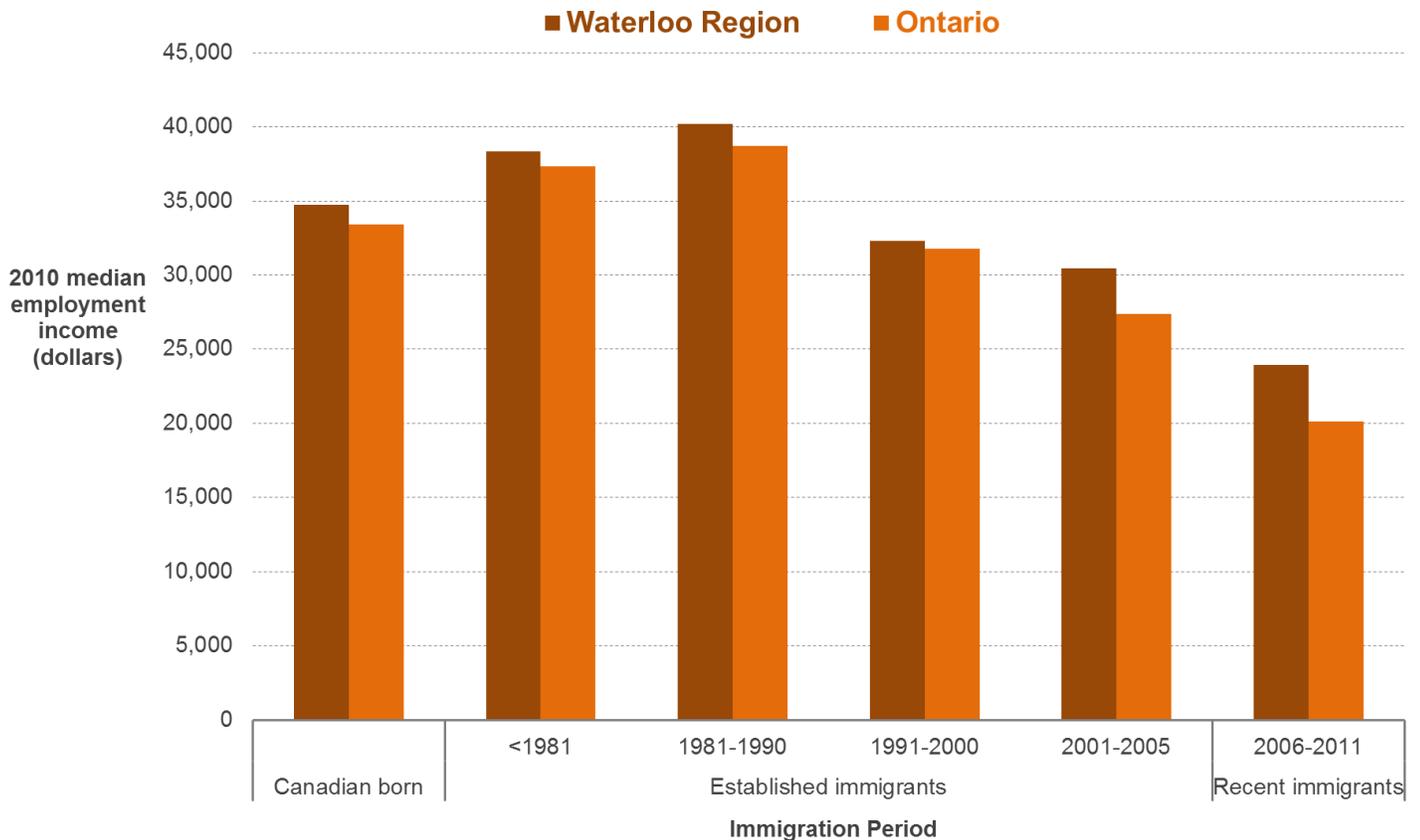
Occupational Classification	Recent Immigrants		Established Immigrants		Canadian-born	
	Waterloo Region	Ontario	Waterloo Region	Ontario	Waterloo Region	Ontario
Sales and service	20.6	26.9	19.0	21.4	22.6	22.9
Business, finance and administration	9.5	13.9	13.4	17.2	16.2	16.5
Trades, transport, equipment operators and related	7.4	9.6	14.3	12.0	14.1	13.2
Education, law/social, community/government services	11.8	10.3	8.6	9.3	11.1	12.5
Management	6.6	7.5	10.4	11.0	11.0	11.5
Natural and applied sciences and related	17.8	9.5	11.5	9.9	7.1	6.0
Health	3.4	4.9	5.2	6.1	5.0	5.6
Manufacturing and utilities	13.9	7.5	13.0	7.2	6.8	4.2
Art, culture, recreation and sport	1.6	2.2	1.4	2.3	2.6	3.4
Natural resources, agriculture and related production	0.8	0.8	0.9	0.7	1.6	1.9
Not applicable (unemployed, never worked, etc.)	6.4	6.8	2.4	2.9	1.8	2.3

Source: Statistics Canada, National Household Survey, 2011

- It is estimated that recent immigrants (18%) are more likely to work in natural and applied science and related occupations than established immigrants (12%) and Canadian-born individuals (7%) in Waterloo Region.
- Recent immigrants (14%) are estimated to be nearly twice as likely to work in manufacturing and utilities as Canadian-born individuals (7%) in Waterloo Region.
- In Waterloo Region, it is estimated that recent immigrants are less likely than established immigrants and Canadian-born individuals to work in business, finance, administration (10% vs. 13% and 16%, respectively) and management (7% vs. 10% and 11%, respectively). They are also nearly half as likely to work as trades, transport and equipment operators or in related occupations as established immigrants and Canadian-born individuals (7% vs. 14%).

Income

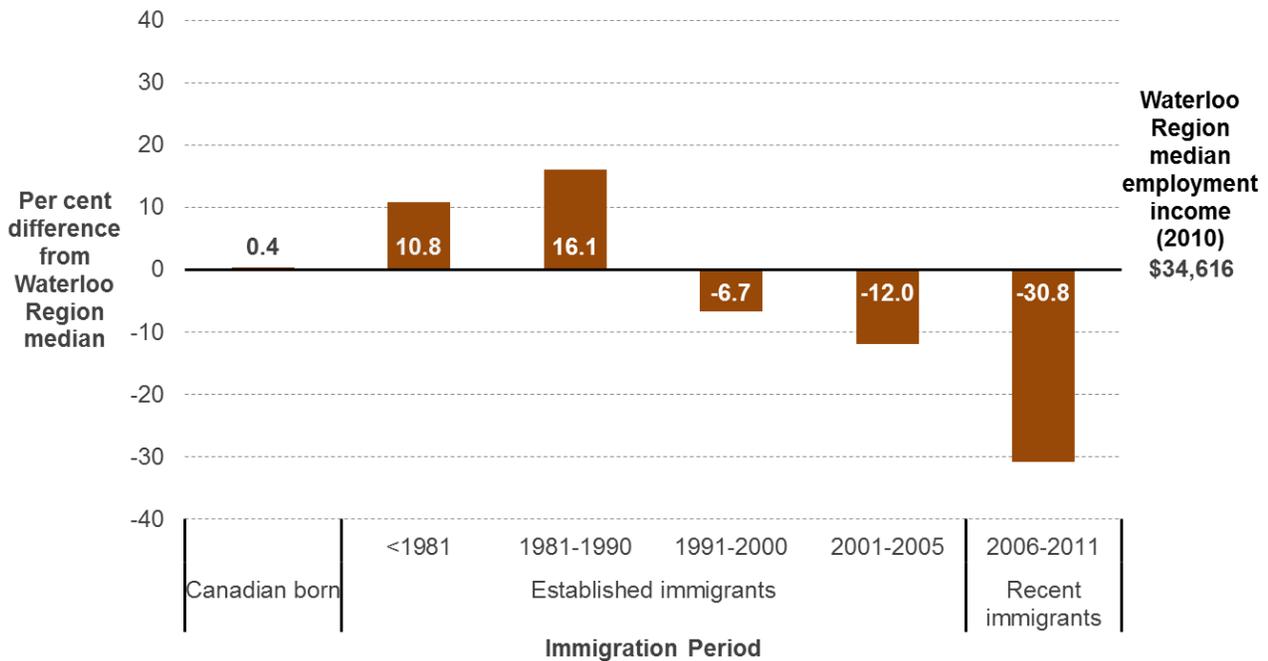
Median employment income, by status, Waterloo Region and Ontario, 2010



Source: Statistics Canada, National Household Survey, 2011

- In 2010, Canadian-born individuals in Waterloo Region had an estimated median employment income of \$34,748 compared to \$23,961 for recent immigrants (45% lower) and \$40,175 (16% higher) for the most prosperous established immigrants (those that immigrated between 1981 and 1990).
- Employment income data from 2010 estimates that, on average, an immigrant’s median income increases by about \$6,300 for every decade that they live in Canada following their immigration.

**Per cent difference from Waterloo Region median employment income, by status,
Waterloo Region, 2010**



Source: Statistics Canada, National Household Survey, 2011

- In 2010, the median employment income for recent immigrants was estimated to be 31% lower than the median income for all of Waterloo Region. In actual dollars, recent immigrants earned approximately \$10,000 less, on average, compared to all of Waterloo Region in 2010.
- On average, it is estimated that immigrants require more than 20 years of residence in Canada before their employment income will approximate median income values for Waterloo Region.

Notes

1. Due to the voluntary nature of the 2011 NHS, caution must be used when interpreting the data. Further, due to changes in the survey methodology from 2006 and previous census years, direct comparisons, including the calculation of growth rates, percentage and absolute changes should not be made. Interpretations based on the NHS survey data are presented as estimates.
2. Recent immigrant refers to those who came to Canada at some point in the five years preceding May 10, 2011.
3. Established immigrant refers to those who arrived in Canada before 2006.
4. Canadian-born refers to non-immigrants.
5. Labour force - population aged 15 years and over actively pursuing or engaged in employment; excludes those who were not looking for work, students, stay-at-home parents, and retirees.
6. Participation rate refers to the per cent of the total population aged 15 years and over in the labour force including those who are unemployed, but looking for work; excludes those who were not looking for work, students, stay-at-home parents, and retirees.
7. Employment rate refers to the per cent of total non-institutional population 15 years and over employed in paid work (holding a paid job with an employer, being self-employed) or doing unpaid work for a family business.
8. Unemployment rate refers to the per cent of unemployed persons (were without paid work or without self-employment work and were available for work and either a) had actively looked for paid work in the past four weeks; or (b) were on temporary lay-off and expected to return to their job; or (c) had definite arrangements to start a new job in four weeks or less) aged 15 and over in the labour force.
9. Earnings or employment income refers to the total income received by persons aged 15 years and over as wages and salaries, net income from a non-farm unincorporated business and/or professional practice, and/or net farm self-employment income.
10. Data for employment is based on the place of residence of the respondent. Those employed may not actually work in Waterloo Region, but still reside there.

References

Statistics Canada (2013). Waterloo, Ontario (Code 3530) (table). National Household Survey (NHS) Profile. 2011 National Household Survey. Statistics Canada Catalogue no. 99-010-x2011050. Ottawa. Accessed January 22, 2015.

Statistics Canada (2014). Waterloo, Ontario (Code 3530) (table). National Household Survey (NHS) Profile. 2011 National Household Survey. Statistics Canada Catalogue no. 99-004-XWE_SF0106-2. Ottawa. Accessed February 18, 2015.

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