

Ontario Labour Market Report

CIP Program 45.11: Sociology

Most Relevant Academic Program(s) at Brock: Sociology

EMSI Q3 2016 Data Set

February 2017



Institutional Analysis and Planning
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Table of Contents

Section 1: Program Overview

- a) How many degrees are completed in Ontario (Labour Supply)?3
- b) What types of degrees are completed in Ontario?.....3
- c) What other similar programs are offered in Ontario?4
- d) What other similar programs are offered at Brock University?.....4

Section 2: Target Occupations

- a) What top growing target occupations are obtained by Alumni?.....5
- b) What are the growth prospects for these occupations (Demand)?6
- c) How much are these target occupations earning?.....7
- d) Where are the hottest places in Ontario in terms of job growth?8

Section 3: Top Three Target Occupation Summaries

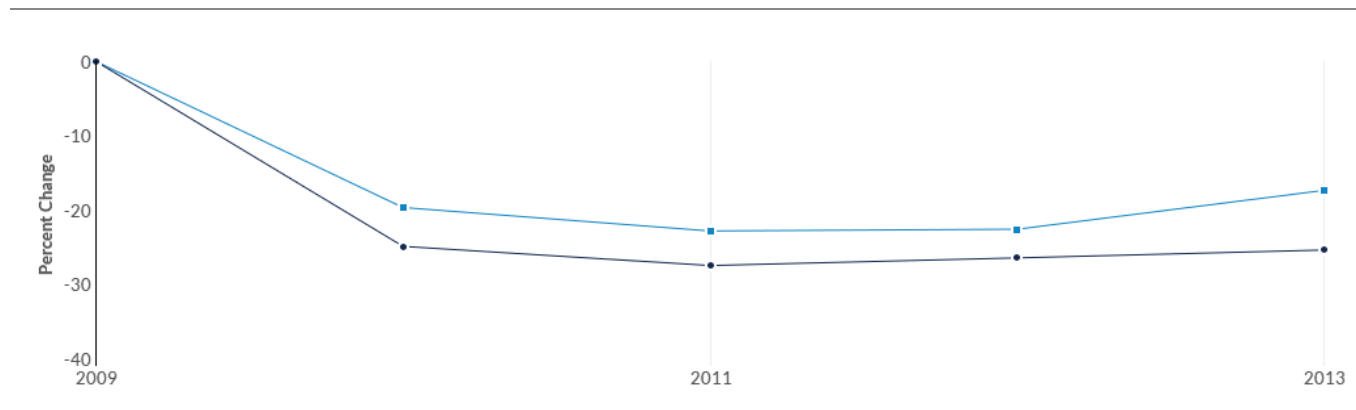
**Includes Description, Skills & Competencies, Ontario Trends in Field, Location of Job, Industries

- a) Elementary and Kindergarten School Teacher.....10
- b) Social and Community Service Worker.....12
- c) Social Worker.....14
- Reference and Notes.....16

Section 1: Program Overview for Sociology (45.11)

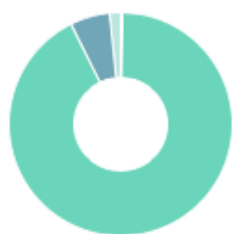
<p>27</p> <p>Ontario Institutions</p> <p>had Completions in the last 5 years</p>	<p>2,424</p> <p>Ontario Program Completions (2013)</p>
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a) How many degrees are completed in Ontario? (45.11)



Region	2009 Completions	2013 Completions	% Change
● Ontario	3,248	2,424	-25.4%
● Canada	4,806	3,973	-17.3%

b) What types of degrees are coming from Ontario? (45.11)



Award Level	Completions (2013)	Percent
● Career, technical or pre-university program	7	0.3%
● Bachelors degree	2,239	92.3% 
● Masters Degree	140	5.8% 
● Doctors Degree	39	1.6% 

c) What other similar programs are offered in Ontario?

23 Programs (2013)		23,601 Completions (2013)
CIP Code	Program	Completions (2013)
13.12	Teacher education and professional development, specific levels and methods	5,600
19.07	Human development, family studies and related services	4,730
44.07	Social work	4,317
13.01	Education, general	2,829
13.13	Teacher education and professional development, specific subject areas	1,777

d) What other similar programs are offered at Brock University?

Child Youth Studies¹ - The Department of Child and Youth Studies (CHYS) offers four-year programs leading to the BA Honours or BA with Major in Child and Youth Studies, a three-year BA Pass degree and a concurrent BA (Honours)/BEd (Primary/Junior) degree program. Child and Youth Studies programs provide a broadly based interdisciplinary approach that considers theoretical and applied approaches to children and youth within the multiple contexts of culture, the economy, the law, family, school, peer group, and community. With roots in psychology, sociology, anthropology, criminology, education and cultural studies, the academic focus provides an integration of approaches through which a comprehensive understanding of children and youth can evolve.

Early Childhood Education² - This program will enhance student's ability to engage in and contribute to the field of early childhood education in meaningful ways and be prepared for further studies or work in the field of care and education for young children. Graduates of the Bachelor of Early Childhood Education program will be prepared for positions that require a strong foundation in early care and education or may apply to graduate studies or to teacher education programs.

Social Sciences³ - This program looks at five key areas. In Canadian Politics, Comparative Politics and International Relations, you'll examine power relationships and the organization of power within and among states. The study of Public Policy asks how policies are made and implemented in the complex machinery of government. Political Theory/ Philosophy asks how power ought to be organized and to what end.

Section 2: Target Occupations

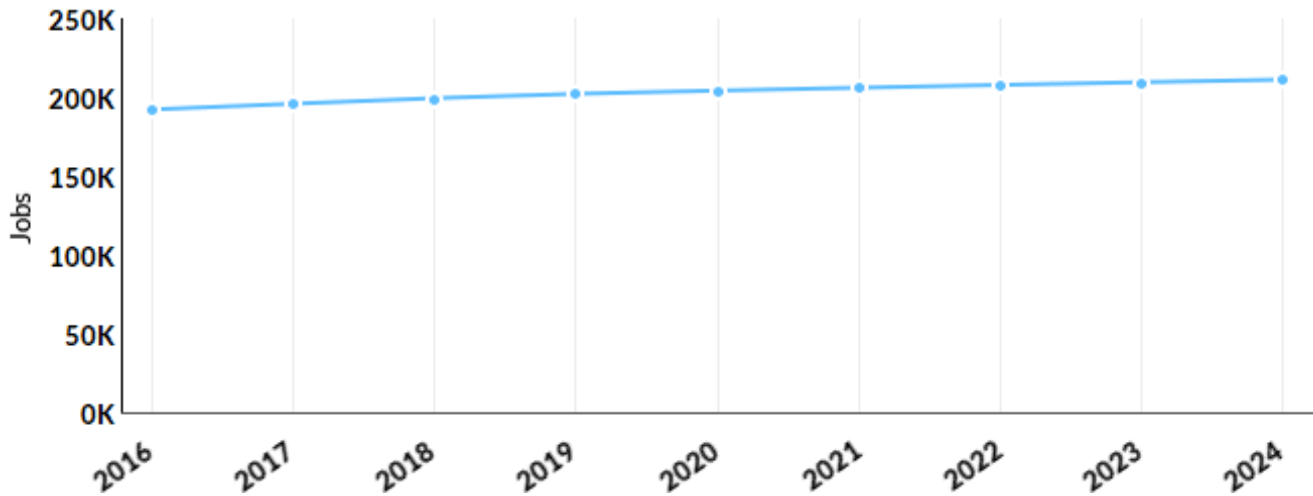
a) Which top growing target occupation are obtained by Alumni?

188,075 Jobs⁷ (2015) 3% above Canada's average	9.9% % Change (2016-2024) Canada: 8.6%	\$33.54/hr Median Hourly Wages⁸ Canada: \$31.13/hr		
Occupation	2016 Jobs ⁷	Median Hourly Wages ⁸	Growth (2016 - 2024)	Location Quotient ⁴ (2016)
Elementary school and kindergarten teachers	82,970	\$39.42/hr	8.72%	1.08
Social and community service workers	49,467	\$21.92/hr	11.05%	0.95
Social workers	26,709	\$33.33/hr	6.92%	1.03
Social policy researchers, consultants and program officers	19,346	\$37.44/hr	15.85%	1.23
Managers in social, community and correctional services	13,540	\$34.62/hr	9.59%	0.90



b) What are the growth prospects for these target occupations?

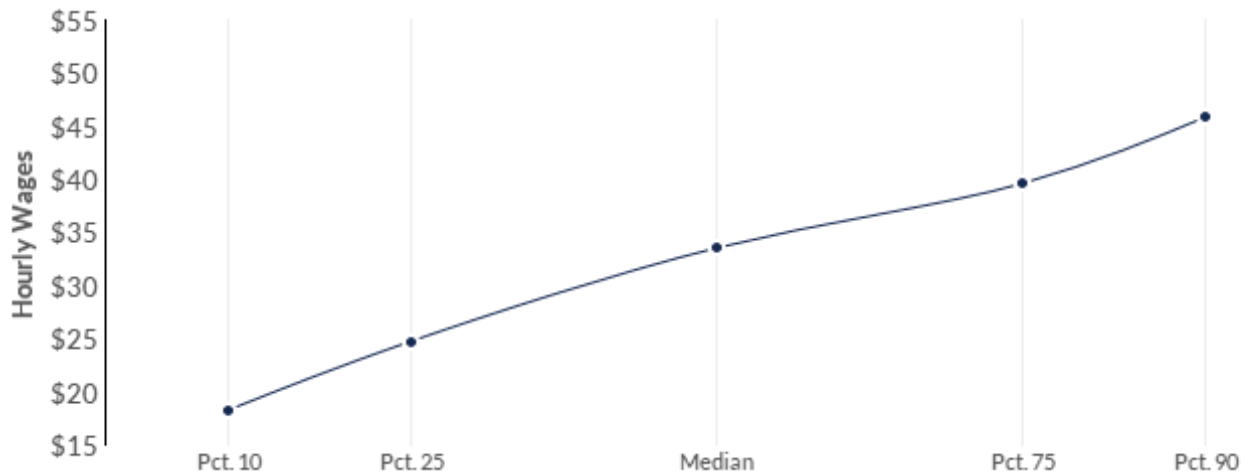
192,032	210,949	18,917	9.9%
2016 Jobs ⁷	2024 Jobs ⁷	Change (2016-2024)	% Change (2016-2024)



Occupation	2016 Jobs ⁷	2024 Jobs ⁷	Change	% Change
Managers in social, community and correctional services (0423)	13,540	14,839	1,299	10%
Elementary school and kindergarten teachers (4032)	82,970	90,206	7,236	9%
Social workers (4152)	26,709	28,556	1,847	7%
Social policy researchers, consultants and program officers (4164)	19,346	22,413	3,067	16%
Social and community service workers (4212)	49,467	54,935	5,468	11%

c) How much are these target occupations earning?

\$24.75/hr	\$33.54/hr	\$39.61/hr
25th Percentile Wages ⁸	Median Wages ⁸	75th Percentile Wages ⁸



Occupation	25th Percentile Wages ⁸	Median Wages ⁸	75th Percentile Wages ⁸
Managers in social, community and correctional services (0423)	\$25.27	\$34.62	\$43.41
Elementary school and kindergarten teachers (4032)	\$28.21	\$39.42	\$45.19
Social workers (4152)	\$23.62	\$33.33	\$40.00
Social policy researchers, consultants and program officers (4164)	\$27.47	\$37.44	\$47.18
Social and community service workers (4212)	\$18.33	\$21.92	\$26.00

d) Where are the hottest places in Ontario in terms of job growth?



Census Division	Census Division Name	2016 Jobs ⁷	2024 Jobs ⁷	2016 - 2024 Change	2016 - 2024 % Change	Expected Change	2016 Location Quotient ⁴	2024 Location Quotient ⁴	2015 Avg. Hourly Wages ⁸
3531	Perth	1,366	1,637	271	20%	117	1.11	1.21	\$31.04
3542	Grey	1,484	1,727	243	16%	127	1.42	1.53	\$31.02
3540	Huron	1,054	1,220	166	16%	90	1.56	1.70	\$31.63
3541	Bruce	1,154	1,332	178	15%	98	1.27	1.33	\$31.40
3532	Oxford	1,573	1,812	239	15%	135	0.97	1.02	\$33.62
3559	Rainy River	598	686	88	15%	51	2.36	2.51	\$31.33
3558	Thunder Bay	3,132	3,588	456	15%	269	1.52	1.60	\$30.74
3560	Kenora	2,052	2,340	288	14%	176	2.74	2.90	\$29.73
3522	Dufferin	906	1,033	127	14%	78	1.57	1.63	\$31.05
3546	Haliburton	236	267	31	13%	20	1.42	1.41	\$28.69
3509	Lanark	835	942	107	13%	71	1.31	1.36	\$33.26
3502	Prescott and Russell	1,124	1,266	142	13%	97	1.47	1.50	\$33.91
3506	Ottawa	22,035	24,766	2,731	12%	1,887	1.40	1.45	\$35.07
3523	Wellington	3,034	3,405	371	12%	260	0.91	0.93	\$31.24
3536	Chatham-Kent	1,542	1,729	187	12%	132	1.22	1.29	\$31.03
3507	Leeds and	1,330	1,490	160	12%	114	1.19	1.23	\$33.49

Census Division	Census Division Name	2016 Jobs ⁷	2024 Jobs ⁷	2016 - 2024 Change	2016 - 2024 % Change	Expected Change	2016 Location Quotient ⁴	2024 Location Quotient ⁴	2015 Avg. Hourly Wages ⁸
	Grenville								
3530	Waterloo	8,024	8,983	959	12%	687	1.02	1.06	\$31.56
3501	Stormont, Dundas and Glengarry	1,539	1,716	177	12%	132	1.21	1.24	\$33.90
3543	Simcoe	6,333	7,046	713	11%	542	1.24	1.27	\$31.79
3529	Brant	2,051	2,278	227	11%	176	1.15	1.17	\$32.41
3554	Timiskaming	574	636	62	11%	49	1.40	1.42	\$29.87
3534	Elgin	1,066	1,181	115	11%	91	1.27	1.32	\$33.44
3537	Essex	4,997	5,532	535	11%	428	1.05	1.08	\$32.62
3524	Halton	6,380	7,030	650	10%	546	0.91	0.92	\$33.99
3553	Greater Sudbury / Grand Sudbury	2,916	3,209	293	10%	250	1.21	1.21	\$30.40
3511	Lennox and Addington	653	718	65	10%	56	1.89	1.90	\$32.71
3548	Nipissing	1,739	1,911	172	10%	149	1.41	1.41	\$30.11
3519	York	11,630	12,777	1,147	10%	996	0.79	0.79	\$34.34
3549	Parry Sound	685	751	66	10%	59	1.89	1.89	\$30.48
3521	Peel	15,210	16,667	1,457	10%	1,303	0.76	0.76	\$34.09
3544	Muskoka	717	785	68	9%	61	1.01	1.03	\$30.79
3552	Sudbury	340	372	32	9%	29	1.54	1.53	\$31.94
3526	Niagara	5,723	6,258	535	9%	490	1.09	1.11	\$32.33
3551	Manitoulin	358	391	33	9%	30	2.24	2.20	\$29.42
3547	Renfrew	1,701	1,852	151	9%	146	1.29	1.29	\$32.47
3525	Hamilton	7,332	7,977	645	9%	628	1.15	1.15	\$32.70
3512	Hastings	2,505	2,724	219	9%	214	1.30	1.31	\$30.94
3515	Peterborough	2,126	2,306	180	8%	182	1.19	1.18	\$30.09
3514	Northumberland and	972	1,045	73	8%	84	1.18	1.18	\$31.56

Section 3: Top Three Job Occupation Summaries

a) Elementary and Kindergarten School Teacher

Elementary school and kindergarten teachers teach basic subjects such as reading, writing and arithmetic or specialized subjects such as English or French as a second language at public and private elementary schools⁵.

Technology Skills Required⁶:

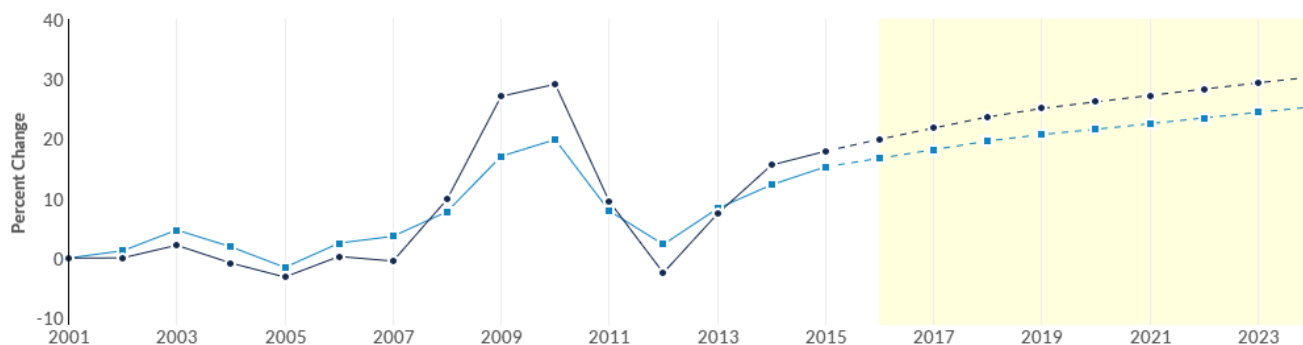
- Computer Based Training Software: Children's educational software
- Office Suite Software: Microsoft Office
- Device Driver or System Software: Screen magnification software, Screen reader software, Synapse outSPOKEN, The VOICe Learning Edition

Skills & Abilities Required⁶:

- Instructing: teaching others how to do something
- Speech Clarity: speaking clearly
- Active Listening: Listening what other people are saying, understanding the points being made, and asking questions as appropriate

81,580 Jobs ⁷ (2015) 8% above Canada's average	8.7% % Change (2016-2024) Canada: 7.4%	\$39.42/hr Median Hourly Wages ⁸ Canada: \$36.31/hr
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Ontario Trends



	Region	2016 Jobs ⁷	2024 Jobs ⁷	Change	% Change
•	Ontario	82,970	90,206	7,236	8.7%
•	Canada	200,306	215,112	14,806	7.4%

Where are the most jobs in Ontario for Elementary School and Kindergarten Teachers?



Census Metropolitan Aggregate	2024 Jobs ⁷
Toronto	40,553
Ottawa - Gatineau	7,923
Hamilton	5,318
Kitchener - Cambridge - Waterloo	4,085
London	2,851

Who are employing Elementary School and Kindergarten Teachers?

Industry	Occupation Jobs ⁷ in Industry (2015)	% of Occupation in Industry (2015)	% of Total Jobs ⁷ in Industry (2015)
Depository credit intermediation	6,680	18.9%	4.9%
Other financial investment activities	4,291	12.1%	11.0%
Securities and commodity contracts intermediation and brokerage	2,475	7.0%	10.3%
Other federal services	1,575	4.4%	1.3%
Management of companies and enterprises	1,202	3.4%	3.2%

There is an increase of 7,000+ Elementary and Kindergarten School teaching jobs by 2024.



b) Social and Community Service Worker

Social and community service workers administer and implement a variety of social assistance programs and community services, and assist clients to deal with personal and social problems. They are employed by social service and government agencies, mental health agencies, group homes, shelters, substance abuse centres, school boards, correctional facilities and other establishments⁵.

Technology Skills Required⁶:

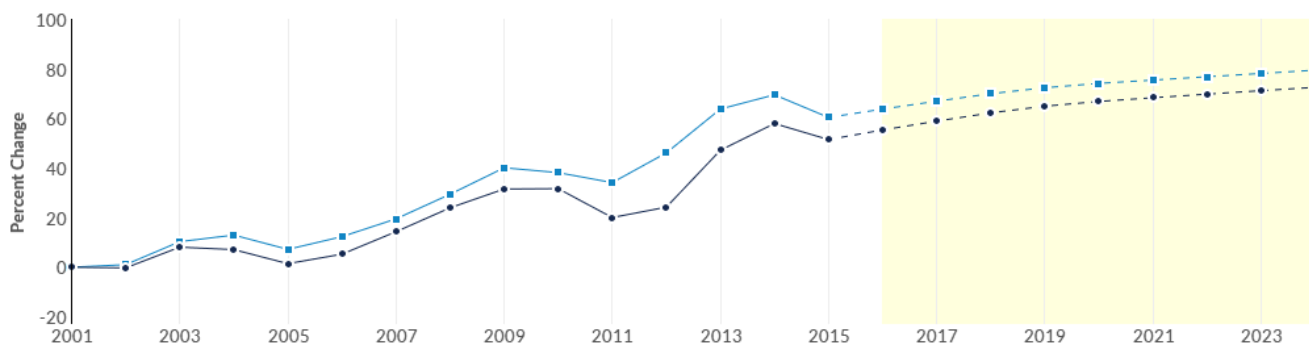
- Spreadsheet Software: Microsoft Excel, Corel QuattroPro, IBM Lotus 1-2-3
- Electronic Mail Software: Microsoft Outlook
- Office Suite Software: Microsoft Office

Skills & Abilities Required⁶:

- Critical Thinking: using logic and reasoning to identify the strengths and weakness of alternative solutions
- Active Listening: Giving full attention to what other people are saying, taking time to understand the points being made

48,225 Jobs ⁷ (2015) 5% below Canada's average	11.1% % Change (2016-2024) Canada: 9.6%	\$21.92/hr Median Hourly Wages ⁸ Canada: \$21.02/hr
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Ontario Trends



	Region	2016 Jobs ⁷	2024 Jobs ⁷	Change	% Change
●	Ontario	49,467	54,935	5,468	11.1%
●	Canada	135,383	148,354	12,971	9.6%

Where are the most jobs in Social and Community Service Workers?



Census Metropolitan Aggregate	2024 Jobs ⁷
Toronto	16,285
Ottawa - Gatineau	5,120
Kitchener - Cambridge - Waterloo	3,082
Hamilton	2,742
London	2,291

Who are employing Social and Community Service Workers?

Industry	Occupation Jobs ⁷ in Industry (2015)	% of Occupation in Industry (2015)	% of Total Jobs ⁷ in Industry (2015)
Individual and family services	13,463	27.9%	24.8%
Nursing care facilities	4,306	8.9%	7.4%
Local, municipal and regional public administration	3,404	7.1%	1.9%
Community care facilities for the elderly	2,929	6.1%	7.2%
Out-patient care centres	2,810	5.8%	9.2%



c) Social Worker

Social workers help individuals, couples, families, groups, communities and organizations develop the skills and resources they need to enhance social functioning and provide counselling, therapy and referral to other supportive social services. Social workers also respond to other social needs and issues such as unemployment, racism and poverty. They are employed by hospitals, school boards, social service agencies, child welfare organizations, correctional facilities, community agencies, employee assistance programs and Aboriginal band councils, or they may work in private practice⁵.

Technology Skills Required⁶:

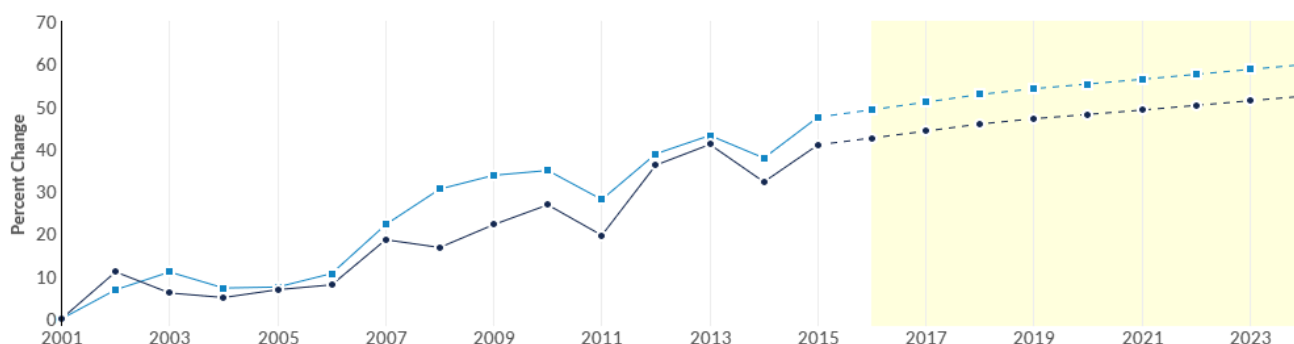
- Electronic Mail Software: Microsoft Outlook
- Desktop Publishing Software: Adobe Page Maker, Microsoft Publisher
- Office Suite Software: Microsoft Office
- Presentation software: Blackboard Wimba; Microsoft PowerPoint, Prezi

Skills & Abilities Required⁶:

- Active Listening: Giving full attention to what other people are saying, taking time to understand the points being made
- Social Perceptiveness: Being aware of others' reactions and understanding why they react as they do.

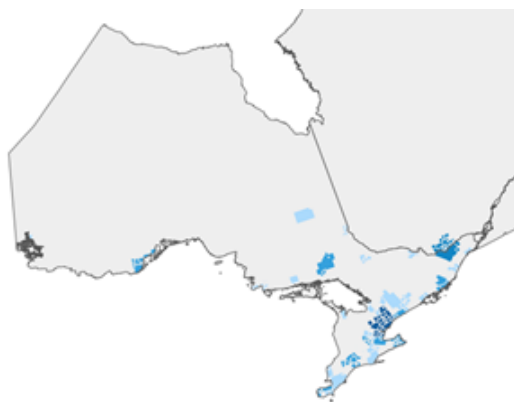
26,404 Jobs ⁷ (2015) 3% above Canada's average	6.9% % Change (2016-2024) Canada: 7.1%	\$33.33/hr Median Hourly Wages ⁸ Canada: \$32.57/hr
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Ontario Trends



	Region	2016 Jobs ⁷	2024 Jobs ⁷	Change	% Change
●	Ontario	26,709	28,556	1,847	6.9%
●	Canada	67,406	72,218	4,812	7.1%

Where are the most jobs in Ontario for Social Workers?



Census Metropolitan Aggregate	2024 Jobs ⁷
Toronto	11,276
Ottawa - Gatineau	2,466
Hamilton	1,411
London	1,100
Windsor	926

Who are employing Social Workers?

Industry	Occupation Jobs ⁷ in Industry (2015)	% of Occupation in Industry (2015)	% of Total Jobs ⁷ in Industry (2015)
Individual and family services	9,811	37.2%	18.1%
Local, municipal and regional public administration	3,107	11.8%	1.7%
General medical and surgical hospitals	2,798	10.6%	1.4%
Out-patient care centres	1,632	6.2%	5.4%
Nursing care facilities	1,028	3.9%	1.8%



Reference and Notes

¹ <https://brocku.ca/webcal/2016/undergrad/chys.html>

² <https://brocku.ca/education/futurestudents/early-childhood-education/programdescription>

³ <https://brocku.ca/webcal/2016/undergrad/sosc.html>

⁴ Location Quotient: a calculation that quantifies the concentration of a particular industry, cluster, or occupation, in a region as compared to the nation. It can reveal what makes a particular region “unique” in comparison to the national average. Source: <http://www.economicmodeling.com/2011/10/14/understanding-location-quotient-2/>

⁵ <https://brocku.EmsiCareerCoach.ca>

⁶ <https://www.onetonline.org/>

⁷ Employment numbers do not include people who are self-employed and may be under-represented.

⁸ Wages do not consider people who are self-employed and may be under-represented.