COUNCIL OF
ONTARIO UNIVERSITIES

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2011 SURVEY HIGHLIGHTS

Employment Outcomes of 2009 Graduates of Ontario University Undergraduate Programs

PUBLISHED NOVEMBER 2012

Students who complete their undergraduate programs at Ontario universities consistently experience high employment and earnings rates, according to a recent survey. They also find that the skills they gained in their programs match the skills they need at work.

This document highlights the key results from the survey of students who graduated from undergraduate programs at Ontario universities in 2009. This includes employment experiences, earnings, and skills of students six months and two years after they have completed their degrees.

The survey was conducted by CCI Research Inc. and commissioned by the Ministry of Training, Colleges and Universities.

> EMPLOYMENT RATES

- Six months after graduation, the overall average employment rate for graduates of undergraduate degree programs was **87.5 per cent**.
- Two years after graduation, it was **93.1 per cent**.

> EARNINGS

- Six months after graduation, the average annual salary for graduates of undergraduate degree programs was **$42,403**.
- Two years after graduation, it was **$ 49,151**.

> SKILLS MATCH

- Six months after graduation, **76.3 per cent** of graduates employed full-time considered their work either "closely" or "somewhat" related to their university education.
- Two years after graduation, **82.3 per cent** of graduates employed full-time considered their work either "closely" or "somewhat" related to their university education.

> SURVEY RESPONSE RATE

- 68,698 graduates were surveyed, and 24,096 or 35.1 per cent of those responded.

EMPLOYMENT RATES* OF 2009 GRADUATES BY PROGRAM

PROGRAM AREA	SIX MONTHS AFTER 2009 GRADUATION (%)	TWO YEARS AFTER 2009 GRADUATION (%)
Agricultural & Bio. Sciences	84.1	90.2
Architecture & Landscape Arch.	89.4	96.1
Business & Commerce	88.6	95.6
Computer Science	85.6	96.2
Dentistry	100.0	97.4
Education	88.0	94.1
Engineering	83.7	93.8
Fine & Applied Arts	82.8	90.4
Food Science & Nutrition	91.2	95.0
Forestry	77.8	100.0
Health Professions[1]	87.1	93.4
Humanities	87.3	90.7
Journalism	81.5	93.3
Kinesiology/Recreation/Phys-Ed[2]	92.0	94.4
Law	93.0	94.5
Mathematics	82.1	93.1
Medicine	98.6	99.1
Nursing	95.1	98.9
Optometry	100.0	97.0
Other Arts & Science[3]	87.2	90.2
Pharmacy	98.9	98.9
Physical Sciences	82.9	89.5
Social Sciences	86.2	91.2
Theology	95.2	100.0
Therapy & Rehabilitation	100.0	100.0
Veterinary Medicine	97.6	100.0
Overall Average	**87.5**	**93.1**

* Graduates were considered working full-time if they identified themselves as working 30 hours or more per week.

1 "Health Professions" includes students enrolled in Basic Medical Science programs, Medical Specialties, Paraclinical Sciences, Epidemiology and Public Health, and Medical Technology. Medical Interns have been excluded.

2 "Kinesiology, Recreation and Phys-Ed" also includes students enrolled in programs in non-teaching fields.

3 "Other Arts and Science" includes students enrolled in General Arts and Science majors not specified by other categories or unspecified.

AVERAGE ANNUAL SALARIES[4] OF 2009 GRADUATES EMPLOYED FULL-TIME

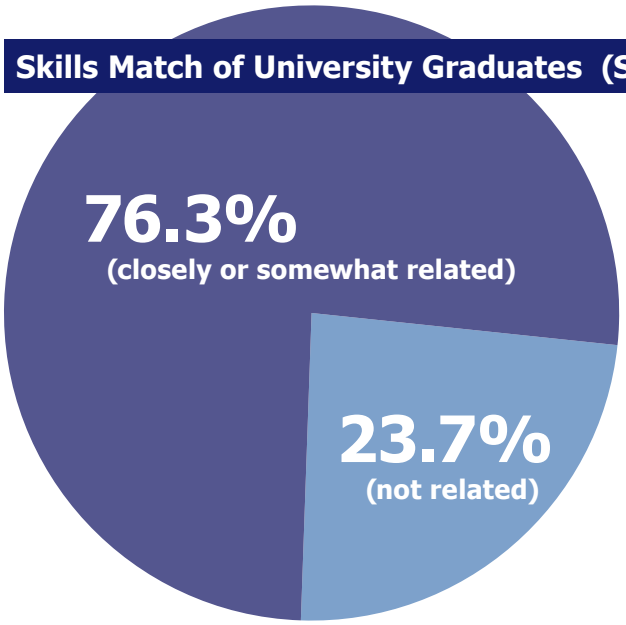
PROGRAM AREA	SIX MONTHS AFTER 2009 GRADUATION ($)	TWO YEARS AFTER 2009 GRADUATION ($)
Agricultural & Biological Sciences	33,964	42,681
Architecture & Landscape Arch.	34,524	40,167
Business & Commerce	45,026	52,563
Computer Science	52,673	60,394
Dentistry	88,438	99,595
Education	39,014	46,060
Engineering	52,754	60,383
Fine & Applied Arts	27,782	34,958
Food Science & Nutrition	32,191	42,402
Forestry	31,667	36,667
Health Professions[5]	46,181	52,842
Humanities	31,772	38,578
Journalism	33,269	41,286
Kinesiology/Recreation/Phys-Ed[6]	30,522	41,667
Law	61,684	73,928
Mathematics	46,829	53,103
Medicine	55,203	68,750
Nursing	57,233	61,381
Optometry	87,667	93,710
Other Arts & Science[7]	46,544	51,776
Pharmacy	83,889	89,444
Physical Sciences	39,690	44,073
Social Sciences	36,292	42,593
Theology	45,714	45,000
Therapy & Rehabilitation	46,875	53,378
Veterinary Medicine	61,667	73,824
Average Salary:	**42,403**	**49,151**

4 Imputed average using midpoint of range.
5 "Health Professions" includes students enrolled in Basic Medical Science programs, Medical Specialties, Paraclinical Sciences, Epidemiology and Public Health, and Medical Technology. Medical Interns have been excluded.
6 "Kinesiology/Recreation/Phys-Ed" also includes students enrolled in programs in non-teaching fields.
7 "Other Arts and Science" includes students enrolled in General Arts and Science majors not specified by other categories or unspecified.

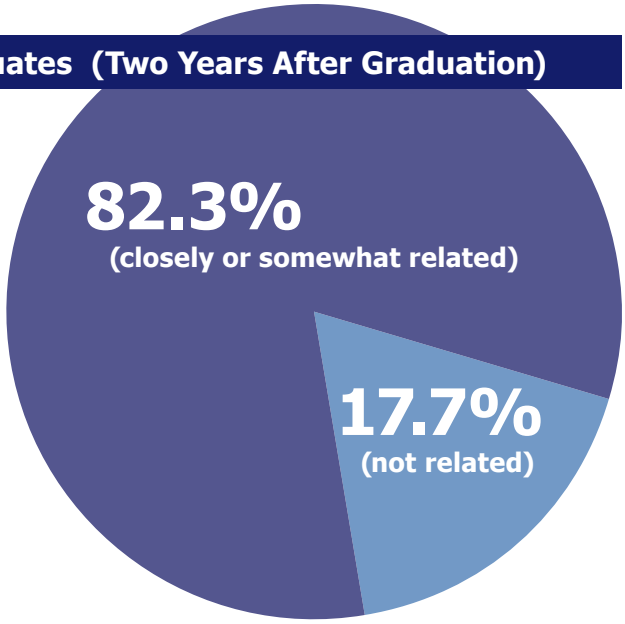
RELATIONSHIP BETWEEN JOB AND PROGRAM OF STUDY, 2009

- Survey results indicate skills acquired by graduates of Ontario universities are being applied in the workplace.
- Six months after graduation in 2009, **76.3 per cent** of respondents working full-time considered their work "closely" (51.4 per cent) or "somewhat" (24.9 per cent) related to their university education.
- Two years after graduation in 2009, **82.3 per cent** of respondents working full-time considered their work "closely" (55.7 per cent) or "somewhat" (26.5 per cent) related to their university education.

Skills Match of University Graduates (Six Months After Graduation)



Skills Match of University Graduates (Two Years After Graduation)



EMPLOYMENT RATES* BY PROGRAM OVER 6 YEARS

PROGRAM AREA	TWO YEARS AFTER 2004 GRADUATION (%)	TWO YEARS AFTER 2005 GRADUATION (%)	TWO YEARS AFTER 2006 GRADUATION (%)	TWO YEARS AFTER 2007 GRADUATION (%)	TWO YEARS AFTER 2008 GRADUATION (%)	TWO YEARS AFTER 2009 GRADUATION (%)
Agricultural & Bio. Sciences	95.0	92.5	94.1	91.8	89.9	90.2
Architecture & Landscape Arch.	97.3	97.7	97.5	91.8	96.4	96.1
Business & Commerce	97.4	97.3	96.5	96.5	94.9	95.6
Computer Science	94.7	97.7	95.3	97.0	95.8	96.2
Dentistry	100.0	100.0	100.0	100.0	100.0	97.4
Education	97.9	97.7	97.3	97.1	95.8	94.1
Engineering	95.3	96.8	96.0	94.6	94.9	93.8
Fine & Applied Arts	96.1	97.6	94.2	92.6	93.5	90.4
Food Science & Nutrition	95.7	96.1	98.5	93.4	93.8	95.0
Forestry	100.0	100.0	100.0	100.0	100.0	100.0
Health Professions[8]	96.6	96.7	95.4	95.7	93.9	93.4
Humanities	95.2	96.1	93.4	93.4	90.9	90.7
Journalism	100.0	96.2	98.3	93.2	95.2	93.3
Kinesiology/Recreation/Phys-Ed[9]	93.6	97.9	95.3	97.2	93.4	94.4
Law	96.5	96.2	97.0	94.0	94.4	94.5
Mathematics	95.4	97.2	98.2	95.6	91.6	93.1
Medicine	100.0	100.0	100.0	100.0	99.3	99.1
Nursing	99.7	99.2	99.8	99.6	99.0	98.9
Optometry	100.0	100.0	100.0	100.0	100.0	97.0
Other Arts & Science[10]	96.4	96.4	93.2	96.0	92.6	90.2
Pharmacy	100.0	100.0	100.0	98.1	98.6	98.9
Physical Sciences	96.5	95.8	92.2	93.1	93.7	89.5
Social Sciences	95.2	96.5	95.4	94.2	92.5	91.2
Theology	90.0	100.0	90.0	100.0	100.0	100.0
Therapy & Rehabilitation	100.0	100.0	100.0	100.0	96.0	100.0
Veterinary Medicine	100.0	100.0	100.0	100.0	97.6	100.0
Overall Annual Average	**96.2**	**96.9**	**95.7**	**95.2**	**93.8**	**93.1**

* Graduates were considered working full-time if they identified themselves as working 30 hours or more per week.

8 "Health Professions" includes students enrolled in Basic Medical Science programs, Medical Specialties, Paraclinical Sciences, Epidemiology and Public Health, and Medical Technology. Medical Interns have been excluded.

9 "Kinesiology, Recreation and Phys-Ed" also includes students enrolled in programs in non-teaching fields.

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EMPLOYMENT RATES, SKILLS MATCH AND AVERAGE ANNUAL SALARIES OVER 6 YEARS

	YEAR GRADUATED					
	2004	2005	2006	2007	2008	2009
Employment Rates						
Six Months After Graduation	92.8%	94.0%	94.1%	93.6%	91.7%	87.5%
Two Years After Graduation	96.2%	96.9%	95.7%	95.2%	93.8%	93.1%
Ontario Youth Employment Rate[11]						
15 to 24 Years Old	87.1%	86.8%	87.2%	87.9%	86.6%	83.9%
— The percentage employed in the Ontario labour force between the ages of 15 and 24.						
Skills Match						
Six Months After Graduation	74.6%	76.7%	79.1%	78.0%	77.7%	76.3%
Two Years After Graduation	83.4%	84.0%	85.0%	84.1%	83.5%	82.3%
Note: Skills Match – when students find that the skills they gained in their programs match the skills they need at work.						
Average Annual Salary						
Six Months After Graduation	$37,778	$41,046	$41,699	$42,048	$42,904	$42,403
Two Years After Graduation	$49,669	$47,221	$49,468	$49,164	$49,469	$49,151

[11] Labour Force Survey, Statistics Canada. October averages for the years 2004 to 2009.

Published by: Council of Ontario Universities / Conseil des universités de l'Ontario
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