

2010 SURVEY HIGHLIGHTS

Employment Outcomes of 2008 Graduates of Ontario University Undergraduate Programs

PUBLISHED SEPTEMBER 2011

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 2008. 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 the 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 **91.7 per cent**.
- Two years after graduation, it was **93.8 per cent**.

> EARNINGS

- Six months after graduation, the average annual salary for graduates of undergraduate degree programs was **\$42,904**.
- Two years after graduation, it was **\$49,469**.

> SKILLS MATCH

- Six months after graduation, **77.7 per cent** of graduates employed full-time considered their work either “closely” or “somewhat” related to their university education.
- Two years after graduation, **83.5 per cent** of graduates employed full-time considered their work either “closely” or “somewhat” related to their university education.

> SURVEY RESPONSE RATE

- 67,943 graduates were surveyed, and 19,402 or 28.6 per cent of those responded.

EMPLOYMENT RATES* OF 2008 GRADUATES BY PROGRAM

PROGRAM AREA	SIX MONTHS AFTER 2008 GRADUATION (%)	TWO YEARS AFTER 2008 GRADUATION (%)
Agricultural & Bio. Sciences	86.8	89.9
Architecture & Landscape Arch.	91.7	96.4
Business & Commerce	92.6	94.9
Computer Science	91.9	95.8
Dentistry	100.0	100.0
Education	92.6	95.8
Engineering	91.0	94.9
Fine & Applied Arts	90.8	93.5
Food Science & Nutrition	93.2	93.8
Forestry	100.0	100.0
Health Professions ¹	87.0	93.9
Humanities	91.5	90.9
Journalism	93.6	95.2
Kinesiology/Recreation/Phys-Ed ²	94.4	93.4
Law	96.8	94.4
Mathematics	87.7	91.6
Medicine	100.0	99.3
Nursing	98.4	99.0
Optometry	100.0	100.0
Other Arts & Science ³	89.1	92.6
Pharmacy	98.6	98.6
Physical Sciences	92.6	93.7
Social Sciences	89.8	92.5
Theology	100.0	100.0
Therapy & Rehabilitation	100.0	96.0
Veterinary Medicine	100.0	97.6
Overall Average	91.7	93.8

* 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 SALARIES⁴ OF 2008 GRADUATES EMPLOYED FULL TIME

PROGRAM AREA	SIX MONTHS AFTER 2008 GRADUATION (\$)	TWO YEARS AFTER 2008 GRADUATION (\$)
Agricultural & Biological Sciences	32,648	42,181
Architecture & Landscape Arch.	37,041	41,667
Business & Commerce	44,131	52,276
Computer Science	52,714	58,587
Dentistry	88,200	98,333
Education	40,485	46,765
Engineering	54,105	60,548
Fine & Applied Arts	28,736	34,653
Food Science & Nutrition	36,385	45,104
Forestry	32,500	42,000
Health Professions ⁵	46,915	53,643
Humanities	32,109	38,407
Journalism	38,488	43,571
Kinesiology/Recreation/Phys-Ed ⁶	31,646	43,103
Law	60,215	72,452
Mathematics	47,895	56,117
Medicine	54,462	67,256
Nursing	59,080	62,865
Optometry	81,400	89,091
Other Arts & Science ⁷	45,864	50,760
Pharmacy	81,032	92,667
Physical Sciences	35,370	45,427
Social Sciences	37,019	43,468
Theology	35,000	35,000
Therapy & Rehabilitation	42,727	47,857
Veterinary Medicine	61,957	71,410
Average Salary:	42,904	49,469

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.

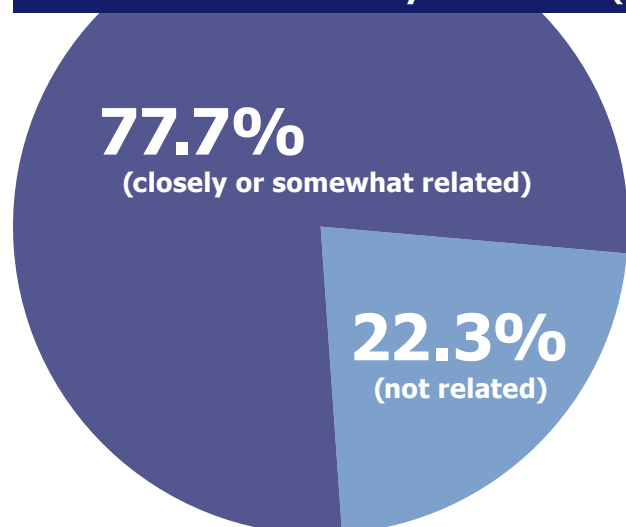
⁶ "Kinesiology/Recreation/Phys-Ed" also includes students enrolled in programs in non-teaching fields.

⁷ "Other Arts and Science" includes students enrolled in General Arts and Science majors not specified by other categories or unspecified.

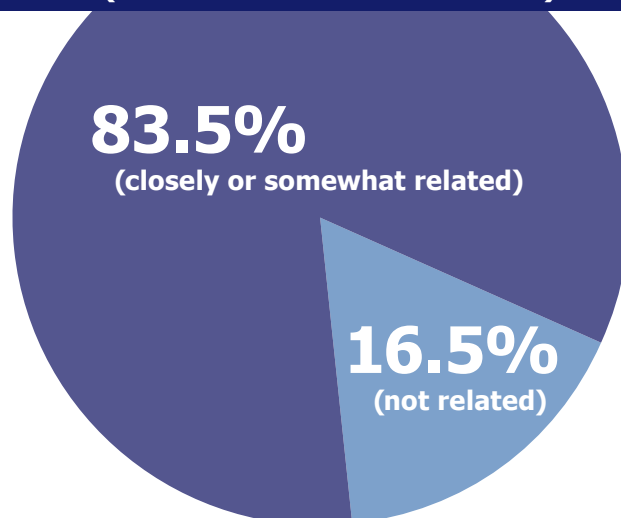
RELATIONSHIP BETWEEN JOB AND PROGRAM OF STUDY, 2008

- Survey results indicate skills acquired by graduates of Ontario universities are being applied in the workplace.
- Six months after graduation in 2008, **77.7 per cent** of respondents working full-time considered their work “closely” (52.0 per cent) or “somewhat” (25.7 per cent) related to their university education.
- Two years after graduation in 2008, **83.5 per cent** of respondents working full-time considered their work “closely” (56.5 per cent) or “somewhat” (27.0 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 2003 GRADUATION (%)	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 (%)
Agricultural & Bio. Sciences	96.7	95.0	92.5	94.1	91.8	89.9
Architecture & Landscape Arch.	100.0	97.3	97.7	97.5	91.8	96.4
Business & Commerce	97.6	97.4	97.3	96.5	96.5	94.9
Computer Science	95.7	94.7	97.7	95.3	97.0	95.8
Dentistry	100.0	100.0	100.0	100.0	100.0	100.0
Education	98.5	97.9	97.7	97.3	97.1	95.8
Engineering	95.7	95.3	96.8	96.0	94.6	94.9
Fine & Applied Arts	92.6	96.1	97.6	94.2	92.6	93.5
Food Science & Nutrition	96.5	95.7	96.1	98.5	93.4	93.8
Forestry	100.0	100.0	100.0	100.0	100.0	100.0
Health Professions ⁸	93.7	96.6	96.7	95.4	95.7	93.9
Humanities	97.1	95.2	96.1	93.4	93.4	90.9
Journalism	92.7	100.0	96.2	98.3	93.2	95.2
Kinesiology/Recreation/Phys-Ed ⁹	96.5	93.6	97.9	95.3	97.2	93.4
Law	96.7	96.5	96.2	97.0	94.0	94.4
Mathematics	96.3	95.4	97.2	98.2	95.6	91.6
Medicine	100.0	100.0	100.0	100.0	100.0	99.3
Nursing	99.5	99.7	99.2	99.8	99.6	99.0
Optometry	100.0	100.0	100.0	100.0	100.0	100.0
Other Arts & Science ¹⁰	96.5	96.4	96.4	93.2	96.0	92.6
Pharmacy	100.0	100.0	100.0	100.0	98.1	98.6
Physical Sciences	90.6	96.5	95.8	92.2	93.1	93.7
Social Sciences	96.6	95.2	96.5	95.4	94.2	92.5
Theology	100.0	90.0	100.0	90.0	100.0	100.0
Therapy & Rehabilitation	100.0	100.0	100.0	100.0	100.0	96.0
Veterinary Medicine	100.0	100.0	100.0	100.0	100.0	97.6
Overall Annual Average	96.8	96.2	96.9	95.7	95.2	93.8

* 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.

¹⁰ "Other Arts and Science" includes students enrolled in General Arts and Science majors not specified by other categories or unspecified.

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

	YEAR GRADUATED					
	2003	2004	2005	2006	2007	2008
Employment Rates						
Six Months After Graduation	92.2%	92.8%	94.0%	94.1%	93.6%	91.7%
Two Years After Graduation	96.8%	96.2%	96.9%	95.7%	95.2%	93.8%
Ontario Youth Employment Rate¹¹						
15 to 24 Years Old	86.0%	87.1%	86.8%	87.2%	87.9%	86.6%
— The percentage employed in the Ontario labour force between the ages of 15 and 24.						
Skills Match						
Six Months After Graduation	79.3%	74.6%	76.7%	79.1%	78.0%	77.7%
Two Years After Graduation	85.2%	83.4%	84.0%	85.0%	84.1%	83.5%
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	\$38,634	\$37,778	\$41,046	\$41,699	\$42,048	\$42,904
Two Years After Graduation	\$45,875	\$49,669	\$47,221	\$49,468	\$49,164	\$49,469

¹¹ Labour Force Survey 2008, Statistics Canada. October averages for the years 2003 to 2008.