

# 2012 GRAD SURVEY



## Ontario University Graduates Getting Jobs Earlier, Earning More: Latest Survey Shows

The best path to career success for Ontario students is still a university degree.

A recent survey of Ontario university students who graduated in 2010, conducted for the Ministry of Training, Colleges and Universities, shows that graduates of undergraduate programs consistently have higher employment rates and earn higher incomes than those with any other level of education.

Ontario university graduates also report that the skills they gained at university match the skills required by the workforce.

### EMPLOYMENT RATES

- Six months after graduation, the average employment rate for graduates of university undergraduate programs was 86.5 per cent.
- Two years after graduation, it rose to 92.2 per cent, with employment rates in many programs over 95 per cent.
- The average employment rate of 2010 university graduates in undergraduate programs – the latest class to be surveyed – continues to be higher than for those without a university degree. There has been a very slight decline – one percentage point – from the 2009 graduate survey, reflecting a dip in the overall employment rate of all Ontario youth as a consequence of the recent global economic recession. The employment rate for Ontarians aged 15 to 24 declined for all education levels between 2011 and 2012, to 50 per cent from 52 per cent; for those with a bachelor's degree the rate declined to 69.3 per cent, from 70.1 per cent.

### EARNINGS

- Six months after graduation, the average annual salary for graduates of undergraduate degree programs was \$42,668.
- Two years after graduation, the average annual salary for graduates of undergraduate degree programs was \$49,277.

### SKILLS MATCH

- Six months after graduation, 76.4 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

In all, 70,845 students who graduated from undergraduate programs at Ontario universities in 2010 were surveyed, with 25,583 or 36.1 per cent responding. The annual survey was conducted by CCI Research Inc. between November 2012 and March 2013.

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## EMPLOYMENT RATES\* OF 2010 GRADUATES BY PROGRAM

PROGRAM	SIX MONTHS AFTER 2010 GRADUATION (%)	TWO YEARS AFTER 2010 GRADUATION (%)
Agricultural & Bio. Sciences	84.6	89.5
Architecture & Landscape Arch.	90.5	92.6
Business & Commerce	88.7	94.8
Computer Science	90.5	95.3
Dentistry	100.0	100.0
Education	84.3	92.8
Engineering	85.3	93.8
Fine & Applied Arts	84.0	91.0
Food Science & Nutrition	87.3	90.2
Forestry	100.0	100.0
Health Professions <sup>1</sup>	83.9	91.4
Humanities	88.0	90.4
Journalism	92.9	95.9
Kinesiology/Recreation/Phys-Ed <sup>2</sup>	90.3	91.7
Law	93.1	93.9
Mathematics	81.7	92.2
Medicine	97.7	98.9
Nursing	90.1	97.6
Optometry	100.0	100.0
Other Arts & Science <sup>3</sup>	85.7	91.0
Pharmacy	97.9	100.0
Physical Sciences	83.3	89.0
Social Sciences	84.1	89.8
Theology	84.2	100.0
Therapy & Rehabilitation	n.a.	n.a.
Veterinary Medicine	100.0	100.0
Overall Average	86.5	92.2

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

<sup>1</sup> "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.

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

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

## AVERAGE ANNUAL SALARIES<sup>4</sup> OF 2010 GRADUATES EMPLOYED FULL-TIME

PROGRAM	SIX MONTHS AFTER 2010 GRADUATION (\$)	TWO YEARS AFTER 2010 GRADUATION (\$)
Agricultural & Biological Sciences	34,869	43,466
Architecture & Landscape Arch.	36,463	40,733
Business & Commerce	44,778	52,575
Computer Science	54,560	63,044
Dentistry	83,000	95,000
Education	40,574	45,980
Engineering	53,583	61,884
Fine & Applied Arts	29,426	35,539
Food Science & Nutrition	33,409	43,952
Forestry	42,500	43,889
Health Professions	44,746	52,447
Humanities	33,010	38,696
Journalism	35,845	42,901
Kinesiology/Recreation/Phys-Ed	31,899	39,779
Law	58,364	70,395
Mathematics	47,207	54,190
Medicine	58,148	68,373
Nursing	58,234	62,202
Optometry	90,000	93,571
Other Arts & Science	42,541	47,162
Pharmacy	75,128	86,358
Physical Sciences	38,974	47,332
Social Sciences	36,156	42,585
Theology	37,727	39,333
Therapy & Rehabilitation	na	na
Veterinary Medicine	65,192	73,696
Average Salary	42,668	49,277

<sup>4</sup> Imputed average using midpoint of range.

<sup>5</sup> "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.

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

<sup>7</sup> "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, 2010

- Survey results indicate skills acquired by graduates of Ontario universities are being applied in the workplace.
- Six months after graduation in 2010, 76.4 per cent of respondents working full-time considered their work “closely” (50.1 per cent) or “somewhat” (26.3 per cent) related to their university education.
- Two years after graduation in 2010, 82.3 per cent of respondents working full-time considered their work “closely” (55.1 per cent) or “somewhat” (27.2 per cent) related to their university education.

### Skills Match of University Graduates (Two Years After Graduation)



82.3%

CLOSELY OR SOMEWHAT RELATED

17.5%

NOT RELATED

### Skills Match of University Graduates (Six Months After Graduation)



76.4%

CLOSELY OR SOMEWHAT RELATED

23.4%

NOT RELATED

Note that the percentages do not necessarily add to 100 per cent because not all respondents expressed an opinion on this question

## EMPLOYMENT RATES\* BY PROGRAM OVER SIX YEARS

PROGRAM	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 (%)	TWO YEARS AFTER 2010 GRADUATION (%)
Agricultural & Bio. Sciences	92.5	94.1	91.8	89.9	90.2	89.5
Architecture & Landscape Arch.	97.7	97.5	91.8	96.4	96.1	92.6
Business & Commerce	97.3	96.5	96.5	94.9	95.6	94.8
Computer Science	97.7	95.3	97.0	95.8	96.2	95.3
Dentistry	100.0	100.0	100.0	100.0	97.4	100.0
Education	97.7	97.3	97.1	95.8	94.1	92.8
Engineering	96.8	96.0	94.6	94.9	93.8	93.8
Fine & Applied Arts	97.6	94.2	92.6	93.5	90.4	91.0
Food Science & Nutrition	96.1	98.5	93.4	93.8	95.0	90.2
Forestry	100.0	100.0	100.0	100.0	100.0	100.0
Health Professions	96.7	95.4	95.7	93.9	93.4	91.4
Humanities	96.1	93.4	93.4	90.9	90.7	90.4
Journalism	96.2	98.3	93.2	95.2	93.3	95.9
Kinesiology/Recreation/Phys-Ed	97.9	95.3	97.2	93.4	94.4	91.7
Law	96.2	97.0	94.0	94.4	94.5	93.9
Mathematics	97.2	98.2	95.6	91.6	93.1	92.2
Medicine	100.0	100.0	100.0	99.3	99.1	98.9
Nursing	99.2	99.8	99.6	99.0	98.9	97.6
Optometry	100.0	100.0	100.0	100.0	97.0	100.0
Other Arts & Science	96.4	93.2	96.0	92.6	90.2	91.0
Pharmacy	100.0	100.0	98.1	98.6	98.9	100.0
Physical Sciences	95.8	92.2	93.1	93.7	89.5	89.0
Social Sciences	96.5	95.4	94.2	92.5	91.2	89.8
Theology	100.0	90.0	100.0	100.0	100.0	100.0
Therapy & Rehabilitation	100.0	100.0	100.0	96.0	100.0	na
Veterinary Medicine	100.0	100.0	100.0	97.6	100.0	100.0
Overall Annual Average	96.9	95.7	95.2	93.8	93.1	92.2

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

<sup>8</sup> "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.

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

<sup>10</sup> "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 SIX YEARS

	YEAR GRADUATED					
	2005	2006	2007	2008	2009	2010
<b>Employment Rates</b>						
Six Months After Graduation	94.0%	94.1%	93.6%	91.7%	87.5%	86.5%
Two Years After Graduation	96.9%	95.7%	95.2%	93.8%	93.1%	92.2%
<b>Ontario Youth Employment Rate<sup>11</sup></b>						
15 to 24 years old	86.8%	87.2%	87.9%	86.6%	83.9%	82.9%
The percentage employed in the Ontario labour force between the ages of 15 and 24.						
<b>Skills Match</b>						
Six Months After Graduation	76.7%	79.1%	78.0%	77.7%	76.3%	76.4%
Two Years After Graduation	84.0%	85.0%	84.1%	83.5%	82.3%	82.3%
Note: Skills Match – when students find that the skills they gained in their programs match the skills they need at work.						
<b>Average Annual Salary</b>						
Six Months After Graduation	\$41,046	\$41,699	\$42,048	\$42,904	\$42,403	\$42,668
Two Years After Graduation	\$47,221	\$49,468	\$49,164	\$49,469	\$49,151	\$49,277

<sup>11</sup> Labour Force Survey, Statistics Canada. October averages for the years 2005 to 2010.