

UNIVERSITY OF WESTERN ONTARIO
Strategic Mandate Agreement Annual Report 2017-18
Part 1. Overview

Introduction

The 2017-20 Strategic Mandate Agreements (SMAs) between individual universities and the Ministry of Training, Colleges and Universities outline the role universities perform in Ontario's postsecondary education system and how they will build on institutional strengths to fulfil their mandate and help support system-wide objectives and government priorities.

Each priority area in 2017-20 SMAs includes system-wide and institution-specific metrics and targets.

The SMA Annual Report is used by the ministry to track progress on metric performance on an annual basis. The SMA Annual Report is also an opportunity for institutions to provide contextual information and a narrative associated with performance in the shared priority areas. **Part 1. Overview** introduces the institutional context for metrics performance, overall and by priority area. **Part 2. Data Workbook** includes historical data and most recently available values for both system-wide and institution-specific metrics.

For more information on the Strategic Mandate Agreements, please visit the Ontario Government webpage.

Institutional Narrative

Provide a brief description of the overall institutional context for the 2017-18 Strategic Mandate Agreement metric results. **(max. 600 words)**

As indicated in the "Institutional Aspirations" section of our SMA, we aspire to ***Elevating Canada's Best Student Experience in a Research-intensive University to the Next Level.***

The metrics in the 2017-18 Report Back support our aspirations – in that, we continue to be either at the top rank among Ontario universities or we have shown improvements in all student-centric metrics.

Priority Areas

Provide trends and key outcomes for the 2017-18 Strategic Mandate Agreement metrics included within each of the five priority areas. **(max. 200 words per priority area).**

1. Student Experience

This priority area captures institutional strengths in improving student experience, outcomes and success, and recognizes institutions for measuring the broader learning environment, such as

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continuity of learning pathways, retention, student satisfaction, co-curricular activities and records, career preparedness and student services and supports.

- Year 1 to 2 retention rate at 93.4% -- among the top 3 in Ontario
- Very high student satisfaction with the education received and the overall quality of the academic experience – as summarized in our institution-specific metrics
- Increase in the number of international experiences by our students

2. Innovation in Teaching and Learning Excellence

This priority area focuses on innovative efforts including pedagogical approaches, program delivery and student services that contribute to a highly skilled workforce and ensure positive student outcomes. It captures institutional strengths in delivering high-quality learning experiences such as experiential, entrepreneurial, personalized and digital learning, and student competencies that improve employability.

- Graduation rate of 83.2 – in the top 2 in Ontario
- Proportion of programs with explicit curriculum maps and articulation of learning outcomes – substantial increase in 2017-18
- Very high levels of satisfaction with the effectiveness of our instructors and the quality of our courses
- Increase in the number of work-integrated learning opportunities

3. Access and Equity

This priority area recognizes institutions for their efforts in improving postsecondary education equity and access, and for creating opportunities that can include multiple entrance pathways and flexible policies and programming, with the focus on students who, without interventions and support, might not otherwise participate in postsecondary education.

Western has a strong commitment to access and equity – with programs supporting student groups including Indigenous students, first-generation students, students with disabilities, and students from lower socio-economic backgrounds. Some trends in our metrics include:

- Continued increase in the number of students with disabilities.
- Stable levels in all other under-represented groups.
- Modest increase in the share of OSAP recipients.
- Substantial reduction in the percent of OSAP recipients paying “full tuition”.
- Modest increase in student aid spending as a percent of total university expenditures.

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4. Research Excellence and Impact

This priority area captures institutional strengths in producing high-quality research on the continuum of fundamental and applied research through activity that further raises Ontario's profile as a globally recognized research and innovation hub. It also acknowledges that research capacity is strongly linked with graduate education.

- Modest increases in our share of tri-council funding
- Substantial increased the total research funding per faculty member
- Sizeable increase in graduate enrolment as a percent of total enrolment
- Substantial increase in the number of Thesis Downloads

5. Innovation, Economic Development and Community Engagement

This priority area recognizes the unique role institutions play in contributing to their communities and to economic development, as well as to building dynamic partnerships with business, industry, community members and other colleges and universities. It focuses on regional clusters, customized training, entrepreneurial activities, jobs, community revitalization efforts, international collaborations, students, partnerships with Indigenous Institutes and a program mix that meets needs locally, regionally and beyond.

- Stable and very high graduate employment rates – which are among the highest in Ontario
- Increase in our estimated economic impact to the region and the province
- Growth in licensing revenue over the previous year

Attestation

Western confirms that all information being submitted to the ministry as part of the 2017-18 SMA annual report is accurate and has received approval from the University President.

Please complete the contact information below.

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University of Western Ontario SMA2 Annual Report 2017-18 Part 2
System-Wide Metrics

ID	Priority Area	Metric Name	2014-15	2015-16	2016-17	2017-18
8	Student Experience	Year 1 to Year 2 retention rate	93.3%	93.2%	93.2%	93.4%
34	Student Experience	Proportion of senior-year students with two High-Impact Practices (HIPs)	48.9%			49.5%
98	Student Experience	Average number of High Impact Practices (HIPs) per fourth-year student	1.6			1.7
71	Student Experience	Proportion of operating expenses on student services, net of student assistance	4.2%	4.2%	4.5%	4.4%
52	Innovation in Teaching and Learning Excellence	Graduation rate	82.3%	83.6%	83.4%	83.2%
41	Innovation in Teaching and Learning Excellence	Proportion of programs with explicit curriculum maps and articulation of learning outcomes	29.1%	41.8%	52.7%	74.5%
35	Innovation in Teaching and Learning Excellence	Composite score on NSSE question related to students' perceived gains in higher order learning outcomes	27.9			27.4
103	Access and Equity	Number of first generation students enrolled at institution	2,993	2,659	2,525	2,467
104	Access and Equity	Number of students with disabilities enrolled at institution	2,073	2,228	2,946	3,383
105	Access and Equity	Number of Indigenous students enrolled at institution	402	454	439	442
106	Access and Equity	Number of French-language students enrolled at institution	368	339	470	439
36	Access and Equity	Share of OSAP recipients at an institution relative to its total number of eligible students	50.8%	50.7%	49.4%	53.9%
84	Access and Equity	Number of transfer applications	1,256	1,189		
107	Access and Equity	Number of transfer registrations	100	114		
48	Research Excellence and Impact	Number of papers per faculty member			3.1	
50	Research Excellence and Impact	Number of citations per paper			12.7	
97	Research Excellence and Impact	CIHR funding - share to total Ontario universities			8.6%	8.5%
96	Research Excellence and Impact	SSHRC funding - share to total Ontario universities			7.0%	7.4%
95	Research Excellence and Impact	NSERC funding - share to total Ontario universities			8.7%	9.1%
94	Research Excellence and Impact	Total Tri-Council funding - share to total Ontario universities			8.5%	8.6%
87	Innovation, Economic Development and Community Engagement	Of those graduates who are working full-time, what proportion are working in related jobs	90.0%	90.0%	90.0%	89.1%
1	Innovation, Economic Development and Community Engagement	Graduate employment rate 6 months	88.5%	88.9%	89.2%	89.2%
1	Innovation, Economic Development and Community Engagement	Graduate employment rate 2yr	93.3%	94.6%	94.3%	95.0%

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Institution-Specific Metrics

#	Priority Area	Metric Name	Objective of Metric	Frequency	2013-14	2014-15	2015-16	2016-17	2017-18
1	Student Experience	Undergraduate Student Satisfaction - Overall satisfaction with education received	To ensure that we continue to provide the highest quality education	Annual	94.9%	94.2%	95.4%	94.3%	94.3%
2	Student Experience	Graduate Student Survey - Overall quality of your academic experience	To ensure that our students continue to be satisfied with their overall educational experience	Every 3 years				88.6%	no update available
3	Student Experience	Number of international experiences divided by degrees conferred	To align our students' experience with our internationalization aspirations	Annual	16.8%	20.5%	27.3%	25.9%	26.1%
4	Innovation in Teaching and Learning Excellence	Overall effectiveness of instructor	To have high quality professors in front of our students -- using innovative techniques	Annual	91.1%	91.5%	91.7%	89.4%	91.9%
5	Innovation in Teaching and Learning Excellence	Course as a learning experience	To offer the best and useful courses -- which incorporate 21st century innovation/strategies	Annual	86.6%	87.6%	87.8%	83.8%	90.7%
6	Innovation in Teaching and Learning Excellence	Work Integrated Learning	To ensure that our courses have the necessary practical and real-world elements	Annual				3,797	4,093
7	Access and Equity	Student aid spending - spending (from all sources) as a percent of total expenditures	While we aim to attract the best students, we want to ensure that no needy student is turned away	Annual	6.2%	6.6%	6.9%	6.8%	7.0%
8	Access and Equity	Percentage of full-tuition paid by OSAP recipients	Commitment to remove financial barriers -- in particular, for those with the highest needs			40.0%			15.0%
9	Research Excellence and Impact (Univ)	Total research revenue - all sources per tenured/probationary faculty member	Enhancing our Research Profile is a high priority. We aspire to be among the Top-5 in Canada.	Annual	\$214,984	\$214,724	\$205,598	\$229,492	\$245,602
10	Research Excellence and Impact (Univ)	Graduate enrolment as percent of total full-time	Graduate enrolment/education is directly linked to our Research Aspirations noted above.	Annual		18.1%	18.6%	18.5%	19.5%
11	Research Excellence and Impact (Univ)	Total research chairs - externally funded and Western-endowed	Enhancing our Research Profile is a high priority. We aspire to be among the Top-5 in Canada.	Annual	101	96	106	99	89
12	Research Excellence and Impact (Univ)	Thesis downloads	To track the "global reach and dissemination" of our graduate student research/scholarship	Annual		541,421	549,940	652,827	916,024
13	Innovation, Economic Development and Community Impact	Economic impact	To ensure that Western is a key economic contributor to London & Region and to Ontario			\$11.30 B	\$11.67 B	\$12.21 B	\$12.59 B
14	Innovation, Economic Development and Community Impact	Licensing revenue	To measure innovation at Western -- and the resulting economic impact	Annual	\$5,375,529	\$5,924,754	\$4,039,227	\$3,702,970	\$4,217,211
15	Innovation, Economic Development and Community Impact	Students involved in entrepreneurship courses and activities	To educate our students to be able to develop and manage business ventures	Annual					

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Appendix 1. Data inputs required for calculation of selected system-wide metrics

Metric ID	Metric Name	Data inputs - for calculating metrics	2016-17	2017-18
36	Share of OSAP recipients at an institution relative to its total number of eligible students	Total OSAP Award Recipients	15,064	16,560
		Total Eligible Student Headcount	30,477	30,726
71	Proportion of operating expenses on student services Table 6 COFO Financial Report	Total operating expenses (000s) (Cell L36)	\$557,689	\$587,499
		Student service expenses (000s) (Cell G36)	\$73,513	\$77,593
		Scholarships, bursaries (000s) (Cell G28)	\$48,469	\$51,609

Research Funding Data							
Metric ID	Metric Name	Data inputs - for calculating metrics	2014-15	2015-16	2016-17	Total (14/15 - 16/17)	3yr avg. (14/15 - 16/17)
97	CIHR funding - Share to total of Ontario Universities	University funding value	\$26,303,674	\$25,124,453	\$29,078,779	\$80,506,906	\$26,835,635
		Total Ontario funding value	\$304,962,320	\$304,827,533	\$337,697,915	\$947,487,768	\$315,829,256
96	SSHRC funding - Share to total of Ontario Universities	University funding value	\$4,469,988	\$4,773,082	\$5,880,636	\$15,123,706	\$5,041,235
		Total Ontario funding value	\$64,980,841	\$66,781,141	\$73,737,728	\$205,499,710	\$68,499,903
95	NSERC funding - Share to total of Ontario Universities	University funding value	\$24,797,619	\$24,980,346	\$26,639,234	\$76,417,199	\$25,472,400
		Total Ontario funding value	\$276,845,451	\$273,490,047	\$293,234,732	\$843,570,230	\$281,190,077
94	Tri-Council funding - Share to total of Ontario Universities	University funding value	\$55,571,281	\$54,877,881	\$61,598,649	\$172,047,811	\$57,349,270
		Total Ontario funding value	\$646,788,611	\$645,098,721	\$704,670,375	\$1,996,557,708	\$665,519,236

Bibliometrics Data (as of Nov.2017 for the time period 2011-2015)									
Metric ID	Metric Name	Data inputs - Counts for calculating metrics	2011	2012	2013	2014	2015	Total (2011-2015)	5yr avg. (2011-2015)
50	Number of citations per paper	Number of citations	61,407	51,453	44,745	30,890	24,408	212,903	
48	Number of papers per faculty member	Number of papers	3,094	3,249	3,299	3,482	3,593	16,717	3,343
		Number of faculty members					1,083		

Appendix 2. University Metrics - Dictionary

ID	Metric Name	Description	Source	Reporting Period	Notes
8	Year 1 to Year 2 retention rate	Percentage of first-time, full-time undergraduate university students who commenced their study in a given Fall term and have continued to study at the same institution in the next Fall term	Consortium for Student Retention Data Exchange (CSRDE)	Academic year, returning cohort. E.g., the 2016-17 data value reflects students who enrolled in Fall 2015 and returned to the institution in Fall 2016	Based on cohort analysis by CSRDE and reported by universities through SMA Annual Reports. Compatible with CSRDE graduation rate
34	Proportion of fourth-year students with two or more High-Impact Practices (HIPs) (1)	Percentage of students who participated in two or more of the six High Impact Practices (HIPs) as identified in NSSE - service learning, learning community, research with a faculty member, internship or field experience, study abroad and culminating senior experience	National Report on "Customizable Items Selector", National Survey of Student Engagement (NSSE)	Academic year when National Survey of Student Engagement (NSSE) is administered; e.g., data for 2014 NSSE is included under 2014-15. Most Ontario universities participate in the survey every three years and provide data only for these years (2014 and 2017)	Participation includes the percentage of students who responded "Done or in progress" for five HIPs (Q11) and at least "Some" of courses included a community-based project for service learning (Q12)
98	Average number of High Impact Practices (HIPs) per fourth-year student (1)	Average number of High-Impact Practices (HIPs) of the six HIPs identified in NSSE per respondent	National Report on "Customizable Items Selector", National Survey of Student Engagement (NSSE)	Academic year when National Survey of Student Engagement (NSSE) is administered; e.g., data for 2014 NSSE is included under 2014-15. Most Ontario universities participate in the survey every three years and provide data only for these years (2014 and 2017)	Participation includes the percentage of students who responded "Done or in progress" for five HIPs (Q11) and at least "Some" of courses included a community-based project for service learning (Q12)
71	Proportion of operating expenses on student services	Percentage of total student services expenses, excluding scholarships and bursaries, in total operating expenses in a given fiscal year (consolidated values including affiliates where applicable)	Council of Ontario Finance Officers (COFO)	Fiscal Year	Proportion of operating expenses on student services is calculated as total student services expenses (Cell G36) minus scholarships, bursaries etc. (Cell 28) divided by total operating expenses (Cell L36) as per Table 6, COFO Financial Report of Ontario Universities
52	Graduation rate	Percentage of first-time, full-time undergraduate university students who commenced their study in a given Fall term and graduated from the same institution within 6 years	Consortium for Student Retention Data Exchange (CSRDE)	Academic year, graduating cohort: e.g. 2015-16 data value reflects students who enrolled in Fall 2009 and graduated within six years, before or in calendar year 2015	Based on cohort analysis by CSRDE and reported by universities through SMA Annual Reports. Compatible with CSRDE retention rate
41	Proportion of programs with explicit curriculum maps and articulation of learning outcomes	Proportion of programs with explicit curriculum maps with articulation of learning outcomes	Institutional data	Academic year	As part of the Quality Assurance process introduced in 2010, all academic programs undergoing cyclical review are required to articulate learning outcomes in relation to undergraduate and graduate degree-level expectations. Curriculum mapping involves the articulation of learning outcomes at the course level.
35	Composite score on NSSE question related to fourth-year students perceived gains in higher order learning outcomes	Students' perceived gains in knowledge, skills and personal development	National Survey of Student Engagement (NSSE)	Academic year when National Survey of Student Engagement (NSSE) is administered; e.g., data for 2014 NSSE is included under 2014-15. Most Ontario universities participate in the survey every three years and provide data only for these years (2014 and 2017)	Skills gains are measured as a simple sum of NSSE means for ten areas (Q17a-Q17j) including effective writing and speaking, critical thinking, numerical analysis, work-related knowledge and skills, team-work, problem-solving, being an informed and active citizen, understanding people of other backgrounds
103	Number of first generation students enrolled at institution	Total number of full-time first generation students enrolled at institution	Enrolment data	Academic year	First generation student is a student whose parent(s)/guardian(s) has/have not attended a postsecondary institution. If a sibling of the student has attended a postsecondary institution, but the parent(s)/guardian(s) have not, the student is still considered a first generation student
104	Number of students with disabilities enrolled at institution	Total number of students with disabilities registered with the Office for Students with Disabilities	Table 1 of the institution's annual report to the ministry for the Accessibility Fund for Students with Disabilities (AFSD); enrolment data	Academic year	Number of students with disabilities for 2016-17 year is based on the AFSD reports. Please review and update where necessary to align with previous values

ID	Metric Name	Description	Source	Reporting Period	Notes
105	Number of Indigenous students enrolled at institution	Total number of full-time Indigenous students enrolled at institution	Enrolment data	Academic year	Indigenous is a collective name for the original people of North America and their descendants. The Canadian Constitution, Constitution Act 1982, recognizes three groups of Indigenous peoples - Indians (First Nation), Métis and Inuit. These are three separate peoples with unique heritages, language, cultural practices and spiritual beliefs
106	Number of French-language students enrolled at institution	Total number of full-time French-language students enrolled at institution	Enrolment data	Academic year	A student is considered a French-language student if he or she meets at least one of the following criteria of: The student's mother tongue is French; The principal language of correspondence with the student is French; The student was previously enrolled in a French-language education institution; The student was enrolled in a postsecondary program delivered partially in French
36	Share of OSAP recipients at an institution relative to its total number of eligible students	Full-time Ontario Student Financial Aid (OSAP) recipients at an institution as a share of its total number of full-time grant eligible enrolment	OSAP recipients: MTCU; Full-time grant eligible enrolment: Institutional data	Academic year, 2016-17 and 2017-18. OSAP academic year starts at August 1, with academic year end data available at the end of August the following year. Full-time enrolment: funding-eligible November 1st headcount of undergraduate and graduate students with 60% Load (0.3FTE) or greater	The number of OSAP awards includes any undergraduate and graduate student who has applied for full-time OSAP assistance and was issued funding. Note: In 2017-18 the definition was adjusted to reflect the number of recipients that were issued awards (rather than the number of applicants eligible for awards) and to exclude the double counting of applicants.
84	Number of transfer applications	Full-time transfer students in the fall of the first-year of a university program, who have applied to university and have identified on applications to Ontario University Applications Centre (OUAC)	Ontario University Applications Centre (OUAC) reports and reported by universities through SMA Annual Reports	Academic year of application and registration	Metric does not reflect all transfers as it excludes transfer students who apply directly to university and includes only students who applied through OUAC in the fall of the 1st year of university from publicly-assisted colleges and universities
107	Number of transfer registrations	Full-time transfer students registered in the fall of the first-year of a university program, who have applied to university and have identified on applications to Ontario University Applications Centre (OUAC)	Ontario University Applications Centre (OUAC) reports and reported by universities through SMA Annual Reports	Academic year of application and registration	Metric does not reflect all transfers as it excludes transfer students who apply directly to university and includes only students who applied through OUAC in the fall of the 1st year of university from publicly-assisted colleges and universities
48	Number of papers per full-time faculty	Number of papers divided by the number of full-time faculty at the university (including affiliates)	SCOPUS (Elsevier) data on papers; Faculty data: Common University Data Ontario (CUDO) or institutional data on faculty eligible for research funding	Papers: Calendar year, 5-year average, one year slip (2011-2015); Faculty: Full-time faculty (Fall 2015). Data was collected as of November 2017	Data includes articles, reviews, self-citations, and captures affiliated hospitals and institutions. Metric calculated by MTCU
50	Number of citations per paper	Number of citations divided by the number of papers published over a period of five years at the university (including affiliates)	SCOPUS (Elsevier) data on papers and citations	Calendar year, 5-year total, one-year slip, citations in 2011-16 on papers published in 2011-15, and papers published in 2011-15. Data collected as of November 2017	Data includes articles, reviews, self-citations, and captures affiliated hospitals and institutions. Metric calculated by MTCU
97	CIHR funding - share to total Ontario universities	Canadian Institutes of Health Research (CIHR) funding received by university (including affiliates) and percentage in total CIHR funding received by all Ontario universities in a given fiscal year	Research Support Programs, The Tri-agency Institutional Programs Secretariat (TIPS)	Fiscal Year, 3-year rolling average, one-year slip. The 2017-18 metric value is based on the average for the period 2014-15 to 2016-17	Funding includes CIHR research grants received by universities and funds spent by the Network of Centres of Excellence (NCE) administrative centers hosted by universities, and excludes funding for research chairs, fellowships, scholarships, awards and prizes. Full list of exclusions is available at http://www.rsfr.gc.ca/apply-demande/calculations-eng.aspx
96	SSHRC funding - share to total Ontario universities	Social Sciences and Humanities Research Council (SSHRC) funding received by university (including affiliates) and percentage in total SSHRC funding received by all Ontario universities in a given fiscal year	Research Support Program, The Tri-agency Institutional Programs Secretariat (TIPS)	Fiscal Year, 3-year rolling average, one-year slip. The 2017-18 metric value is based on the average for the period 2014-15 to 2016-17	Funding includes research grants received by universities and their affiliates from SSHRC and funds spent by the Network of Centres of Excellence (NCE) administrative centers hosted by universities, and excludes funding for research chairs, fellowships, scholarships, awards and prizes. Full list of exclusions is available at http://www.rsfr.gc.ca/apply-demande/calculations-eng.aspx

ID	Metric Name	Description	Source	Reporting Period	Notes
94	Tri-Council funding - share to total Ontario universities	Tri-Council funding received by university (including affiliates) and percentage in total Tri-Council funding received by all Ontario universities in a given fiscal year	Research Support Program, The Tri-agency Institutional Programs Secretariat (TIPS)	Fiscal Year, 3-year rolling average, one-year slip. The 2017-18 metric value is based on the average for the period 2014-15 to 2016-17	Funding includes research grants received by universities and their affiliates from the three federal research granting agencies and funds spent by the Network of Centres of Excellence (NCE) administrative centers hosted by universities, and excludes funding for research chairs, fellowships, scholarships, awards and prizes. Full list of exclusions is available at http://www.rs-fsr.gc.ca/apply-demande/calculations-eng.aspx
95	NSERC funding - share to total Ontario universities	Natural Science and Engineering Research Council (NSERC) funding received by university (including affiliates) and percentage in total NSERC funding received by all Ontario universities in a given fiscal year	Research Support Fund, The Tri-agency Institutional Programs Secretariat (TIPS)	Fiscal Year, 3-year rolling average, one-year slip. The 2017-18 metric value is based on the average for the period 2014-15 to 2016-17	Funding includes NSERC research grants received by universities and their affiliates and funds spent by the Network of Centres of Excellence (NCE) administrative centers hosted by universities, and excludes funding for research chairs, fellowships, scholarships, awards and prizes. Full list of exclusions is available at http://www.rs-fsr.gc.ca/apply-demande/calculations-eng.aspx
87	Of those graduates who are working full-time, what proportion are working in related jobs	Percentage of university graduates in the labour force employed full-time in a job related to skills developed at university, two years after graduation	Ontario University Graduate Survey (OUGS)	Academic year when the Ontario University Graduate Survey (OUGS) is administered, e.g. 2017-18 data value reflects graduates from bachelor or first professional degree programs who graduated in calendar year 2015 and responded to the 2017-18 OUGS	Metric is based on the number of respondents employed in full-time jobs closely related or somewhat related to skills developed at university, and the total number of OUGS respondents employed in full-time jobs. The labour force includes persons who were employed or unemployed but looking for work
1	Graduate employment rates	Percentage of university graduates in the labour force employed six months and two years after graduation	Ontario University Graduate Survey (OUGS)	Academic year, when Ontario University Graduate Survey (OUGS) is administered, e.g. 2017-18 data value reflects graduates from bachelor or first professional degree programs who graduated in calendar year 2015 and responded to the 2017-18 OUGS	Graduate employment rates are based on the number of respondents in the labour force who were employed part-time, full-time or were offered a job, and the total number of OUGS respondents in the labour force. The labour force includes persons who were employed or unemployed but looking for work