

### Universities Metric Dictionary

Metric ID	Metric Name	Definition	Data Source	Calculation Methodology	Reporting Period	Notes
1	<b>Graduate Employment Rate in a related field</b>	Proportion of graduates of bachelor or first professional degree programs employed full-time who consider their jobs either "closely" or "somewhat" related to the skills they developed in their university program, two years after graduation.	MTCU Ontario University Graduate Survey (OUGS)	<p><b>Numerator</b> - Number of graduates who are both a) employed/self-employed full time and b) answered that their job is "closely related" or "somewhat related" to skills developed at university - <b>divided by</b></p> <p><b>Denominator</b> - Number of OUGS respondents employed/self-employed full time (Denominator).</p> <p><b>Inclusions:</b> Domestic, International, Full-Time, Part-Time, Undergraduate, Online, Self-Employed Graduates, Collaborative Nursing. <b>Exclusions:</b> Graduate.</p>	<p>Two years after graduation (i.e. 2017-18 data represents employment rate of 2015 graduates after two years)</p> <p>Data is collected and tabulated between November and May of an academic year, and available for use/release at the beginning of the next academic year.</p> <p>Most recent year with available data is 2017-18 (as of July 2019). 2018-19 data expected in September.</p> <p>Metric will be activated for performance/outcomes-based funding in Year 1 of SMA3, 2020-21.</p>	"Employed graduates" in this case refers to those who are in a paid job, or self employed, working 30+ hours a week. It does not include respondents who, at the time of survey, had been offered a job starting at a later date.
2	<b>Institutional Strength/Focus</b>	Proportion of enrolment in an institution's program area(s) of strength.	University Statistical and Enrolment Report (USER), Enrolment data collection	<p><b>Numerator</b> - Total Enrolment (FTEs, domestic and international) in Program Area of Strength - <b>divided by Denominator</b> - Total Institutional Enrolment (FTEs, domestic and international).</p> <p><b>Inclusions/Exclusions:</b> Pending on the chosen metric; to be finalized through bilateral discussions.</p>	<p>Fall term enrolment (data available in June).</p> <p>Most recent year with available data is 2018-19 (as of July 2019).</p> <p>Metric will be activated for performance/outcomes-based funding in Year 1 of SMA3, 2020-21.</p>	Institutional proposals of program area(s) of strength should focus on academic disciplines, not a delivery method (co-operative education; online) or a particular category of students (e.g. based on funding eligibility, immigration status, study level, etc.). The program or group of programs should be identified by using a commonly reported classification nomenclature: (e.g., Classification of Instructional Programs (CIP)) allowing for the ministry to track associated enrolment. The ministry will provide additional information on the guidelines for this metric as part of bilateral discussions.

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3	<b>Graduation Rate</b>	Proportion of all new, full-time, year one undergraduate university students of bachelors (first-entry), or first professional (second entry) degree programs who commenced their study in a given fall term and graduated from the same institution within 7 years.	University Statistical and Enrolment Report (USER) - Enrolment and Degrees Awarded data collections	Using the ministry Key Performance Indicator graduation rate the methodology involves the selection of new, full-time, year one undergraduate students on the Fall enrolment file, with a valid and unique student ID, and seeking a bachelor/first professional degree ( <b>Denominator</b> ). The subset is matched against students who received a degree (in any program) from the same institution during the most current 7 years ( <b>Numerator</b> ). Note that the ministry will use this methodology until the metric can be adjusted for OEN-based student mobility data (expected 2022-23). <b>Inclusions:</b> Domestic, International, Full-Time, Undergraduate, Online, Collaborative Nursing; <b>Exclusions:</b> Part-Time, Graduate.	Year of graduation (e.g., 2011 entering cohort graduated as of 2018 calendar year).  Most recent year (as of July 2019) with available data is for 2018-19 (Fall 2011 enrolment and 2012 to 2018 graduation years - validated as of July 2019).  Metric will be activated for performance/outcomes-based funding in Year 1 of SMA3, 2020-21.	OEN-based: 2015-16 is the first year when ministry compliance rules on OEN reporting were implemented.
4	<b>Community/Local Impact</b>	Institutional enrolment share in the population of the city (cities)/town(s) in which the institution is located.	University Statistical Enrolment Report (USER), Enrolment data collection; Census Data (Statistics Canada)	<b>Numerator</b> - Institution's total headcount enrolment (full and part time, domestic and international) - <b>divided by</b> <b>Denominator</b> - Population (15 to 64 year-old) of the city(cities)/town(s): Population Centres as per geographic classification used by Statistics Canada in which the institutional campuses are located, using 2016 Census data. Note that 2016 Census population will be used as the denominator for the duration of SMA3. <b>Inclusions:</b> Domestic, International, Full-Time, Part-Time, Undergraduate, Graduate.	Fall term enrolment (data available by February).  Most recent year with available enrolment data is 2018-19 (as of July 2019) and population data is Census 2016.  Metric will be activated for performance/outcomes-based funding in Year 1 of SMA3, 2020-21.	To account for institutions with campuses in multiple communities, weighting will be applied. First, shares of city/town population are calculated separately for each campus, and then multiplied by the campus's weighting score based on its share of institutional enrolment. Weighted total for an institution is then calculated by adding each campus's weighted share of city/town population. Statistics Canada defines a Population Centre as having a population of at least 1,000 and a population density of 400 persons or more per square kilometre. Population centres are classified into three groups, depending on the size of their population: small (1,000 to 29,999); medium (30,000 to 99,999); and large urban population centres (100,000 or more).
5	<b>Institution-Specific (Economic Impact)</b>	Institutions to include definition of their institutional metric. The metric should demonstrate the economic impact of their institution, using ministry established principles.	Data provided by institutions	Methodology to be provided/confirmed with institutions.	Metric to be activated in Year 1 (2020-21).	Ministry principles for metric selection include: <ul style="list-style-type: none"> <li>• Metric is a measure of economic impact</li> <li>• Data is derived from high-quality, objective data</li> <li>• Metric data is verifiable and auditable</li> <li>• Metric data is available annually</li> </ul>

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6	<b>Research Funding &amp; Capacity: Federal Tri-Agency Funding Secured</b>	Amount and proportion of funding received by institution from federal research granting agencies (SSHRC, NSERC, CIHR) in total Tri-Agency funding received by Ontario universities.	Research Support Program, The Tri-Agency Institutional Programs Secretariat (TIPS)	<p><b>Amount:</b> Tri-Agency funding</p> <p><b>Proportion: Numerator</b> - Tri-Agency funding per university - <b>divided by Denominator</b> - Total Tri-Agency funding, Ontario universities, 3-year rolling average, one-year slip.</p> <p><b>Inclusions:</b> Research grants from the three federal research granting agencies and funds spent by the Network of Centres of Excellence (NCE) administrative centers hosted by universities received by universities and their affiliates such as research institutes, hospitals and other affiliates as confirmed by the university in the annual validation of affiliated institutions conducted by TIPS.</p> <p><b>Exclusions:</b> Funding for research chairs, fellowships, scholarships, awards and prizes.</p>	<p>Fiscal Year (data available in July).</p> <p>Most recent year is 2018-19 averaging 2015-16, 2016-17 and 2017-18 (as of July 2019).</p> <p>Metric will be activated for performance/outcomes-based funding in Year 1 of SMA3, 2020-21.</p>	<p>Full list of exclusions is available at <a href="http://www.rsf-fsr.gc.ca/apply-demande/calculations-eng.aspx#excluded">http://www.rsf-fsr.gc.ca/apply-demande/calculations-eng.aspx#excluded</a>.</p> <p>Please note that for performance/outcomes-based funding calculation, only proportions will be used.</p>
7	<b>Experiential Learning</b>	Number and proportion of graduates in undergraduate programs, who participated in at least one course with required Experiential Learning (EL) component(s).	Institutional data	<p><b>Count:</b> Graduates of undergraduate programs who participated in at least one course with required experiential learning component(s). <b>Proportion: Numerator</b> - Number of graduates in undergraduate programs, who participated in at least one course with required Experiential Learning (EL) component(s) - <b>divided by Denominator</b> - Total number of graduates.</p> <p><b>Inclusions:</b> Domestic, International, Full-Time, Part-Time, Undergraduate, Collaborative Nursing; <b>Exclusions:</b> Graduate, Online.</p>	<p>Metric will be activated for performance/outcomes-based funding in Year 2 of SMA3, 2021-22.</p>	<p>For inclusion in this metric, EL components have to be structured and meaningful experiences (e.g. capstone projects). The ministry will start with the definition noted here in the SMA3 bilateral discussions and will work to improve metric definition based on the ministry's 2017 "Guiding Principles for Experiential Learning". Institutions are currently working on tagging EL courses. Please note that for performance/outcomes-based funding calculation, only proportions will be used.</p>

**Tab 7 - Universities Metric Dictionary**

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8	<b>Innovation: Research Revenue Attracted from Private Sector Sources</b>	Research revenue attracted from private sector sources.	Canadian Association of University Business Officers (CAUBO)	<b>Inclusions:</b> Sponsored Research Revenue received from business enterprises and/or individuals by both consolidated and not-consolidated entities. <b>Exclusions:</b> Research revenue attracted from not-for-profits. This metric is calculated based on the rolling average of three most recent years.	Fiscal Year (data available in July-August).  Most recent year with available data is 2017-18 (as of July 2019).  Metric will be activated for performance/outcomes-based funding in Year 2 of SMA3, 2021-22.	
9	<b>Graduate Employment Earnings</b>	Median employment earnings of university graduates, two years after graduation.	Education and Labour Market Longitudinal Platform (ELMLP), Statistics Canada	The metric methodology includes graduates who submitted tax information two years after graduation and were employed or self-employed, based on the cross-sectional data set. Institutional aggregate includes graduates of bachelor, master's, doctoral and professional programs, weighted by the number of graduates with the respective credential. <b>Inclusions:</b> Domestic, International, Full-time, Part-time, Online, Collaborative Nursing. <b>Exclusions:</b> Graduates enrolled in full-time studies when tax files are submitted two year after graduation.	Two years after graduation (i.e. 2016-17 data represents earnings of 2014 graduates after two years).  Academic Year (data available in January-March).  Most recent year with available data is 2016-17 (as of July 2019).  Metric will be activated for performance/outcomes-based funding in Year 2 of SMA3, 2021-22.	Statistics Canada links enrolment and graduation data (based on Postsecondary Student Information System) and the T1 Family File tax data, and shares institutional tables with MTCU. Earnings and number of graduates are available by credential, field of study, gender, age for cohorts 2010-2014.
10	<b>Skills &amp; Competencies</b>	Random sample of undergraduate students.	Education and Skills Online Tool, Organisation for Economic Co-operation and Development (OECD)	N/A	Metric will be activated for performance/outcomes-based funding in Year 3 of SMA3, 2022-23.	This metric will be weighted at 5% starting in year 2022-23 for participation and posting of results online.