

Standardized Data Set

Description of Data Elements for 2020-21 Reviews

The office of the Vice Provost Academic Programs distributes Standardized Data Sets to Dean's offices to support programs/units undergoing cyclical reviews under the *University of Toronto Quality Assurance Process* ("UTQAP"). This handout is intended to assist units/programs in understanding the purpose and contents of these data sets.

Where does the standardized data set fit into the cyclical review process?

As part of our commitment to being "an internationally significant research university, with undergraduate, graduate, and professional programs of exceptional quality,"¹ academic units and programs undergo cyclical reviews by external appraisers that assess quality and consider how our scholarship, research, and programs compare to those of our international peer institutions. The preparation of a self-study document by unit/program leadership is an essential component of this process.

The standardized data sets are provided to assist units in developing a self-study that meets UTQAP requirements², several of which rely on data. For example, the self-study:

- "is a broad-based, reflective and forward-looking report that includes critical self-analysis. It is an assessment of the strengths and challenges facing the program(s) and/or unit, the range of its activities and the nature of its future plans."
- "should address and document" "program-related data and measures of performance, including applicable provincial, national and professional standards (where available); "the integrity of the data"; and "quality indicators"

Who develops the standardized data sets? Where does the data come from?

The data sets are produced by an analyst who sits in Planning and Budget, using several institutional data sources.

How do the data descriptions relate to the data sets?

- The data descriptions are organized according to the tabs in the standardized data sets.
- The footnotes in the data sets provide much more detailed answers to questions that arise in relation to individual data elements (e.g., "Which grants are included in 'Government, Other'?").

What if the data set doesn't include data that can support an issue we want to discuss in our self-study?

- **Not all data elements will be appropriate or available for all reviews.**
- The data sets draw only on centrally held data that is readily available for all (or most) programs and units. Units are encouraged to supplement the data provided with appropriate data that may be available through other sources. Units in departmentalized divisions should contact their Dean's Office for assistance with supplementary data. Single-department Faculties should contact David Lock (david.lock@utoronto.ca) for assistance.

¹ University of Toronto *Statement of Institutional Purpose*, October 15, 1992.

² For further information regarding the Self-Study requirements, please see section 5.6.4 of the [UTQAP document](#).

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1. Faculty Quality Indicators

A. Funding Awards & Honours

<i>Element</i>	<i>Overview</i>	<i>Description</i>	<i>Comparators</i>	<i>Data Source</i>	<i>Data Range</i>
<i>Level of research funding</i>	Amount of funding administered by a unit	Aggregation of research funding awarded to principal investigators that is administered through the unit per grant year, pro-rated . Data are reported by funding source.	Corresponding Dept. Class (and Faculty for uni-disciplinary, multi-department Faculties – FASE, MED, OISE)	Research Data cube (Office of VP, Research)	Last 8 grant years (note: data in most recent grant year is most likely to change)

Good to know for “Level of research funding”:

- This table only shows funding “administered through the unit”; grants that PIs have elected to administer through another unit will not appear here.
- This table requires an administering unit; program only reviews where there is no unit associated with the program will not have any data in this table.
- The Research Cube classifies administering units into one of four department classes, which is based on the primary funding source for the department. The dept. class of an administering unit in the research cube may not be the same as the SGS division of the graduate unit (e.g., a graduate unit in the Life Sciences SGS division may be classified as being in the Physical Sciences dept. class in the cube if it receives most of its funding from NSERC).
- When reviews include programs that have been involved in unit change — e.g., programs that have moved into new units or moved between units, this table will show only research funding that is linked to the current unit in the data cube.
- Cube data is refreshed periodically; re-running the report by the same parameters will result in different numbers, especially in later years of the table
- “Level of research funding — Supplemental” provides optional additional detail that may be of interest to units.

<i>Element</i>	<i>Overview</i>	<i>Description</i>	<i>Comparators</i>	<i>Data Source</i>	<i>Data Range</i>
<i>Participation rates in Tri-Agency funding</i>	A broad measure of faculty members’ participation in Tri-Agency competitions	Number and proportion of faculty members in the unit who have applied for OR have held Tri-Agency funding in the last eight academic years. Only includes CRC-eligible awards. Only includes tenure-stream faculty.	Faculty, SGS Division and U of T	Eligible: Fall Academic Database for 2009 to 2016 (P&B) Participating: Award holders derived from CRC-eligible grants datasets used to calculate notional allocations; Applicants to CRC-eligible programs queried on RIS (Office of VP, Research)	2010-11 to 2017-18

Good to know for “Participation rates in Tri-Agency funding”

- This table only captures participation of tenure-stream faculty with primary appointments in the unit; any participation by non-tenure stream faculty, or by faculty with less than 51% appointment to the unit, will not be captured in this table.
- Data may be incomplete when reviews include programs that have been involved in unit change — e.g., programs that have moved into new units or moved between units.
- This table only includes participation related to [CRC-eligible awards](#); any participation in other types of competitions will not be captured in this table.

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Element	Overview	Description	Comparators	Data Source	Data Range
<i>Success in Tri-Agency grant applications</i>	A measure of success in Tri-Agency competitions for a unit's participating faculty members.	Count of successful and unsuccessful applications for the unit in Tri-Agency funding competitions. Generally, data are too sparse to calculate meaningful success rates at the unit level. Only includes tenure-stream faculty.	Faculty, U of T and national	Research Information Systems data and reports from Tri-Agency funding bodies (Office of VP, Research)	Up to 8 years, varies by competition.
<p>Good to know for “Success in Tri-Agency grant applications”</p> <ul style="list-style-type: none"> • Success rate information is normally reported at the institutional level. At the unit level application numbers are too low to calculate meaningful success rates, but raw data are provided for information and general comparison. • Data may be incomplete when reviews include programs that have been involved in unit change — e.g., programs that have moved into new units or moved between units. Units in this situation can supply a list of faculty members over the 8 year period, and the participation rate could be calculated from this list. • Data for the most current year is preliminary based on internal records. • This section is limited to success rates for NSERC Discovery grants, SSHRC Insight Development grants, SSHRC Insight grants, CIHR Project grants and CIHR Foundation grants. 					
Element	Overview	Description	Comparators	Data Source	Data Range
<i>Faculty research awards and honours</i>	Provides a summary of the known awards and recognition received by a unit's faculty members	List of honours and awards received by faculty members in the unit. Includes details of award start date and awarding organization. Includes indication of prevalence of award within U of T-wide database.	None	Awards and Honours Database (Office of VP, Research)	2012 to 2019 (calendar year of date awarded)
<p>Good to know for “Faculty research awards and honours”</p> <ul style="list-style-type: none"> • The list of awards focuses on research; teaching awards, CRCs, fellowships, etc. will not be captured. • The list includes only awards received by faculty members, at U of T, between the years 2012 and 2019. • Data may be incomplete when reviews include programs that have been involved in unit change — e.g., programs that have moved into new units or moved between units. Units in this situation can supply a list of faculty members over the 8-year period, and the participation rate could be calculated from this list • The “by Faculty” table allows for analysis of trends by faculty member. • The “by Award” table allows for analysis of the unit's awards received, including the unit's ‘share’ of a particular award relative to U of T overall. • The Office of Vice-President, Research and Innovation can assist with supplementary data (e.g., units with a high proportion of junior faculty members may be more interested in trends in award <i>applications</i> as opposed to awards <i>received</i>). 					

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B. Research & Scholarly Activity

Element	Overview	Description	Comparators	Data Source	Data Range
<i>Technology transfer indicators</i>	A measure of how faculty members in a unit commercialize and disseminate their intellectual property	Data are provided on the number of disclosures, licenses, and patents attributable to investigators in the unit over a 5 year period.	U of T	Innovations & Partnerships Office records (Office of VP, Research)	Last 5 fiscal years Data for latest year is preliminary
Good to know for “Technology transfer indicators” <ul style="list-style-type: none"> • Tables do not include technology transfer activities of affiliated institutions. • This data may not be available for, and may not be equally relevant to, all disciplines. However, any activity that has been recorded is provided in this tab. • Data may be incomplete when reviews include programs that have been involved in unit change — e.g., programs that have moved into new units or moved between units. • Data is not available at the department level for OISE, UTM or UTSC. 					
Element	Overview	Description	Comparators	Data Source	Data Range
<i>Publication and citation rankings</i>	A broad picture of how U of T performs compared to other North American universities in the unit’s field of study	Rankings of publication and citation counts are provided for relevant field(s) of study. These rankings reflect the activity of the University’s faculty members as a whole.	The rankings compare U of T as a whole to public and private institutions in the U15 and Association of American Universities, and the University of California at San Francisco. Top 20 publications and citations are reported.	InCites™, Clarivate Analytics. Web of Science.	2014 to 2018 (calendar year)
Good to know for “Publication and citation rankings” <ul style="list-style-type: none"> • These rankings are not available at a unit level. Therefore, the data may include citations/publications for scholars working in the field who do not belong to the unit under review. • Links to a) a description of the category and b) list of journals associated with these rankings are included in the notes to this tab. • Many units choose to supplement this data with more focused, program-specific data (e.g., from CVs, discipline specific rankings/indices, etc.). 					

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2. Undergraduate Student Quality Indicators

Element	Overview	Description	Comparators	Data Source	Data Range
<i>A. Applications, offers, registrations</i>	Provides information on the demand for the program and the selectivity of the unit in choosing students	Number of applications, offers and new registrants over the last 8 years for the unit, including offer and acceptance rates, where appropriate. All offers are counted regardless of outcome (e.g., accepted, declined, etc.), unless otherwise stated. Data are presented by degree or program, as appropriate.	None	Faculty of Arts & Science, UTM, UTSC, KPE: Admissions – New cube. All other Faculties: Faculty Registrar or ROSI.	Faculty of Arts & Science, UTM, UTSC, KPE: 7-year trend. All other Faculties: Last 8 Academic years.
<p>Good to know for “Applications, offers, registrations”</p> <ul style="list-style-type: none"> Data are not available for most undergraduate arts and science programs on the three campuses. Most students in arts and science programs apply to general studies in their first year and do not identify with a specific program until their second year of study. In these cases it is not possible to determine application and offer numbers for a specific department or program. A 7-year trend of applications, offers and registrations for the relevant campus as a whole is provided. 					
Element	Overview	Description	Comparators	Data Source	Data Range
<i>B. Enrolments</i>	A history of the population of students in the unit/program to highlight increases/decreases in enrolment over the observed period	Annual fall enrolment statistics are provided, presented in tabular and graphic format. Enrolments are reported by degree, program and/or subject POST (as appropriate). The status of each subject post is reported.	None	Faculty of Arts & Science, UTM, UTSC: Program Enrolment Cube. All other Faculties: Enrolment cube (Planning & Budget).	Last 8 years (Fall enrolment counts)
<p>Good to know for “Enrolments”</p> <ul style="list-style-type: none"> The enrolments counts shown here align with the numbers in the official counts sent to the Ministry of Colleges and Universities. More information is available in the notes to this tab. Subject posts that have closed are included to show enrolment in the department for the entire 8-year period. 					

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Element	Overview	Description	Comparators	Data Source	Data Range
<p><i>C. Grade-level for admission Faculty of Arts & Science, UTM, UTSC only:</i></p> <p>i. Annual New Subject POST Enrolment (All Students)</p>	A measure of student enrolment in the POST, including students who have not entered directly from high school	Student counts of first enrolment in a subject POST, regardless of year of study, and including all students (not just students entering directly from high school)	None	Annual New SPOSt Enrolment Report, Program Enrolment Cube	Last 8 academic years (wherever possible)
<p>Good to know for “Annual New Student Subject POST Enrolment”</p> <ul style="list-style-type: none"> Included only for undergraduate arts and science programs on the three campuses. When used in relation to the next table, provides a measure of the extent to which the POST attracts students beyond just those entering from Ontario high schools (e.g., non-Ontario high schools, mature students, international students) 					
Element	Overview	Description	Comparators	Data Source	Data Range
<p><i>D. Grade-level for admission Faculty of Arts & Science, UTM, UTSC:</i></p> <p>ii. Annual New Subject POST Enrolment and Mean Entering Average of New Enrolments</p> <p>All other Faculties: Annual New Registrations and Mean Entering Averages</p>	A measure of the academic quality of students entering the program directly from high school (or previous university study in the case of 2nd-entry programs)	Annual mean entering averages (i.e., averages used to determine admission) of newly registered students are reported, (separately by subject POST where appropriate)	None	<p>Faculty of Arts & Science, UTM, UTSC: Program Enrolment Cube; Enrolment Services Entering Averages database.</p> <p>KPE – Enrolment Services Entering Averages Database.</p> <p>All other Faculties: Faculty Registrar or Unit.</p>	Last 8 academic years (wherever possible)
<p>Good to know for “Grade-level for admission”</p> <ul style="list-style-type: none"> Entering averages are only calculated for incoming Ontario high school students (or university students, for 2nd-entry programs). 					

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Element	Overview	Description	Comparators	Data Source	Data Range
<i>E. Final-year academic achievement</i>	A measure of an undergraduate student's academic success during their program	Average cumulative GPA values for students at the end of their studies. May be presented by program or subject POST, depending on the unit.	None	Faculty of Arts & Science, UTM, UTSC: Program Enrolment at Graduation Cube. All other Faculties: ROSI query or Faculty Registrar or Unit.	Last 8 academic years (wherever possible)
Good to know for "Final-year academic achievement" <ul style="list-style-type: none"> Also includes count of students completing the program or subject POST 					
Element	Overview	Description	Comparators	Data Source	Data Range
<i>F. Student satisfaction</i>	Information about students' satisfaction with aspects of their program, department and/or the University	Summary of results from student satisfaction surveys (selected questions). Undergraduate data for the NSSE (National Survey of Student Engagement) are provided for the relevant field of study.	U15 respondents in comparable field of study, all U of T, all U15 institutions and Ontario universities	NSSE data (Government, Community & Institutional Relations)	2017, 2014 (where comparisons are possible given changes to NSSE)
Good to know for "Student Satisfaction" <ul style="list-style-type: none"> Responses are provided for "senior" students (4th year undergraduate students) in first-entry programs only. For ARTSC, UTM, UTSC department-level results are based on the subject posts of the students. Only specialists and majors are included. 					
Element	Overview	Description	Comparators	Data Source	Data Range
<i>G. Course evaluations</i>	Information about students' perceptions of the extent to which the institutional core teaching and learning priorities were part of their overall learning experiences within their courses	Mean responses and distributions to the 6 core questions of the course evaluation	Division	Course Evaluation Cube (Centre for Teaching Support and Innovation)	There will eventually be a 5-year time series, beginning with the 2015-16 academic year
Good to know for "Course evaluations" <ul style="list-style-type: none"> Not all Faculties are participating in online course evaluations. Results are available at the unit level. Sub-groups (i.e., results by program) are not available. 					

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3. Graduation and Employment Quality Indicators

Element	Overview	Description	Comparators	Data Source	Data Range
<i>A. Seven-Year Graduation Rate</i>	A broad measure of the proportion of students who graduate and find subsequent employment	Undergraduate rates of graduation reported for relevant disciplines of study are presented.	U of T, Ontario	Key Performance Indicators (Ministry of Colleges and Universities)	2011 cohort graduating by 2018
<p>Good to know for “Seven-Year Graduation Rate”</p> <ul style="list-style-type: none"> • These data do not provide a program-specific picture for most arts and science undergraduate programs on the three campuses, because the cohort groupings are based on specialist/major code of new full-time first-year students. Because most students in most arts and science undergraduate programs have not declared a major in first year, they are classified as "Other Arts and Science." • An additional tab of Ontario comparator program information is provided when program-specific data are available (e.g., Nursing, Engineering). • This data is only available for undergraduate programs. 					
Element	Overview	Description	Comparators	Data Source	Data Range
<i>B. Employment Rates</i>	A broad measure of the proportion of students who graduate and find subsequent employment	Post-graduate employment rates provided for 6 months and 2 years after graduation. Data cannot be broken down by department or division.	U of T, Ontario	Key Performance Indicators (Ministry of Colleges and Universities)	2016 graduates
<p>Good to know for “Employment Rates”</p> <ul style="list-style-type: none"> • Results are not available by campus. • These data do not provide a program-specific picture for most arts and science undergraduate programs on the three campuses, because the cohort groupings are based on specialist/major code of new full-time first-year students. Because students in most arts and science undergraduate programs have not declared a major in first year, they are classified as "Other Arts and Science." Data is available for students enrolled in Commerce, Computer Science and some UTM/Sheridan joint programs. • An additional tab of Ontario comparator program information is provided when program-specific data are available (e.g., Nursing, Engineering). • This data is only available for undergraduate programs. 					

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4. Graduate Student Quality Indicators

Element	Overview	Description	Comparators	Data Source	Data Range
<i>A. Applications, offers, registrations</i>	Provides information on the demand for the program and the selectivity of the unit in choosing students	Number of applications, offers and new registrants over the last 8 years for the unit, including offer and acceptance rates, where appropriate. All offers are counted regardless of outcome (e.g., accepted, declined, etc.), unless otherwise stated.	Faculty and SGS Division, where possible	Admission extract (4BEG), ROSI	Last 8 academic years
Good to know for “Applications, offers, registrations” <ul style="list-style-type: none"> Footnotes explain which programs are included in each SGS Division. 					
Element	Overview	Description	Comparators	Data Source	Data Range
<i>B. Enrolments</i>	A history of the population of students in the unit/program to highlight increases/decreases in enrolment over the observed period	Annual fall enrolment statistics are provided, presented in tabular and graphic format. Enrolments are reported by degree, program.	SGS Division (and Faculty for uni-disciplinary, multi-department Faculties — FASE, MED, OISE) where possible	Graduate Enrolment Cube (Planning & Budget)	Last 8 years (Fall enrolment counts) by FT/PT status
Element	Overview	Description	Comparators	Data Source	Data Range
<i>C. Financial support for students</i>	A measure of student quality as indicated by students’ ability to win external funding	Number and percentage of full-time students in a unit receiving external fellowships and scholarships are provided. Data are reported separately for research master’s and doctoral levels.	Faculty and SGS Division	Student Accounts Cube (Planning & Budget)	Last 8 academic years
Good to know for “Financial support for students” <ul style="list-style-type: none"> This is not a measure of all financial support available to students; rather, it captures external fellowships and scholarships only. Student Accounts Cube counts are based on distinct count of students at any point in academic year (Fall to Summer) and differ from the Nov. 1 counts reported in the Enrolment section. 					

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<i>Element</i>	Overview	Description	Comparators	Data Source	Data Range
<i>D. Time-to-completion</i>	Average length of time students are registered before graduation; allows analysis of changes over time	Mean time-to-completion data are provided for the unit's graduates over the last 8 years. Data reported separately by program, degree, FT/PT status.	Faculty (where relevant), SGS Division, U of T	Years to Graduate (4BEA), ROSI	Last 8 graduation years
Good to know for "Time-to-completion" <ul style="list-style-type: none"> Time-to-completion values are based on the number of sessions in which a student was registered before graduation, i.e. does not include leaves or lapses. 					
<i>Element</i>	Overview	Description	Comparators	Data Source	Data Range
<i>E. Student satisfaction</i> <i>i. Benchmark report</i> <i>ii. Full report</i>	Information about students' satisfaction with aspects of their program, department and/or the University	Results of Benchmark, General Assessment & Satisfaction Questions from the CGPSS (Canadian Graduate and Professional Student Survey). Unit's full report also provided.	U of T, U15, Ontario (benchmarks), Faculty, SGS Division, U of T (full report)	CGPSS data (School of Graduate Studies)	2010, 2013, 2016, 2019 (benchmarks); 2019 (full report)
Good to know for "Student satisfaction" <ul style="list-style-type: none"> Data are provided for the department by degree type (e.g., professional master's, doctoral stream master's, doctorate, or Doctoral Stream (Doctoral stream master's and doctorate combined if either degree type has less than 9 responses)). Only degree-seeking students are included. Special students, diploma students, and students from self-funded programs (e.g., BA) are excluded. 					
<i>Element</i>	Overview	Description	Comparators	Data Source	Data Range
<i>F. Course evaluations</i>	Information about students' perceptions of the extent to which the institutional core teaching and learning priorities were part of their overall learning experiences within their courses	Mean responses and distributions to the 6 core questions of the course evaluation.	Division	NEW: Course Evaluation Cube (Centre for Teaching Support and Innovation)	There will eventually be a 5-year time series, beginning with the 2015-16 academic year.
Good to know for "Course evaluations" <ul style="list-style-type: none"> Not all Faculties are participating in online course evaluations. Results are available at the unit level. Sub-groups (i.e., results by program) are not available. 					