

## By the Numbers

An OCUFA data cheat sheet

| BASIC DATA | Full-time Faculty | Fall Students - Full-time Equivalent | Participation rates |         | Secondary School Applicants (February) | Total Fiscal FTE Students | Eligible Students   |                    | MTCU allocations - millions |
|------------|-------------------|--------------------------------------|---------------------|---------|--|---------------------------|---------------------|--------------------|-----------------------------|
|            |                   |                                      | University          | College |  |                           | Fiscal FTE Students | Basic Income Units |                             |
| 2000-01    | 11,700            | 263,916                              | 22.6 %              | 12.6 %  | 58,624                                 | 274,560                   | 252,727             | 434,912            | \$ 1,716                    |
| 2001-02    | 11,833            | 276,252                              | 23.0 %              | 12.5 %  | 59,844                                 | 288,919                   | 263,492             | 456,398            | \$ 1,723                    |
| 2002-03    | 12,246            | 298,286                              | 24.3 %              | 12.9 %  | 69,305                                 | 313,020                   | 283,556             | 493,500            | \$ 1,876                    |
| 2003-04    | 12,820            | 335,670                              | 27.0 %              | 13.0 %  | 101,949                                | 348,750                   | 315,297             | 545,587            | \$ 2,279                    |
| 2004-05    | 13,623            | 352,835                              | 28.0 %              | 12.8 %  | 71,771                                 | 361,367                   | 330,374             | 580,836            | \$ 2,434                    |
| 2005-06    | 13,631            | 369,366                              | 28.8 %              | 12.6 %  | 73,956                                 | 377,044                   | 344,521             | 607,841            | \$ 2,668                    |
| 2006-07    | 14,223            | 378,809                              | 29.2 %              | 12.4 %  | 76,300                                 | 390,710                   | 354,349             | 631,862            | \$ 3,046                    |
| 2007-08    | 14,436            | 382,915                              | 29.0 %              | 12.5 %  | 80,362                                 | 394,595                   | 357,959             | 646,959            | \$ 2,976                    |
| 2008-09    | 14,598            | 390,356                              | 29.2 %              | 12.6 %  | 83,813                                 | 401,287                   | 363,835             | 667,043            | \$ 3,094                    |
| 2009-10    | 14,787            | 407,247                              | 30.0 %              |         | 84,691                                 | 418,980                   | 378,534             | 696,646            | \$ 3,227                    |
| 2010-11    | 14,959            | 421,482                              | 30.7 %              |         | 87,407                                 | 434,441                   | 390,504             | 720,885            | \$ 3,327                    |
| 2011-12    |                   |                                      |                     |         | 89,181                                 |                           |                     |                    |                             |

### Per cent change from most recent previous year

|        |       |       |       |       |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Change | 1.2 % | 3.5 % | 2.3 % | 0.5 % | 2.0 % | 3.7 % | 3.2 % | 3.5 % | 3.1 % |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

NB: Faculty numbers before 2004-05 do not include OCAD.  
 Highlighted cells (faculty 2010-11) denote estimates.  
 See notes at the back of this document for explanations of data sources and methods.

| <b>STUDENT-FACULTY RATIOS</b>    | <b>Ratio</b> | <b>As of fall</b> |              |      | <b>To catch up by 2015*, additional faculty:</b> | <b>Salary costs (in \$millions) at average salary of:</b> |           |
|----------------------------------|--------------|-------------------|--------------|------|--|---|-----------|
| Ontario (10 <sup>th</sup> of 10) | 26           | 2008              |              |      |  | \$ 85,000   | \$ 90,000 |
| Rest of Canada (RoC)             | 19           | 2008              | ON worse by  | 34 % | 9,500  | \$ 808  | \$ 855    |
| US peer universities (COU)       | 19           | 2009              | ON worse by  | 37 % | 10,000   | \$ 850  | \$ 900    |
| US comparator states (ICAP)      | 20           | 2009              | ON worse by  | 28 % | 8,500  | \$ 723  | \$ 765    |
| US 4 yr public universities      | 21           | 2009              | ON worse by  | 23 % | 7,600  | \$ 646  | \$ 684    |
| Ontario 1990                     | 18           | 1990              | Worse now by | 44 % | 11,300   | \$ 961  | \$ 1,017  |
| Ontario 2000                     | 22           | 2000              | Worse now by | 16 % | 6,200  | \$ 527  | \$ 558    |
| Ontario 2002 (pre-double cohort) | 24           | 2002              | Worse now by | 7 %  | 4,700  | \$ 400  | \$ 423    |

**Student-Faculty Ratios - Canada 2008-09**

|      | <b>CA</b> | <b>RoC</b> | <b>NL</b> | <b>PE</b> | <b>NS</b> | <b>NB</b> | <b>QC</b> | <b>ON</b> | <b>MB</b> | <b>SK</b> | <b>AB</b> | <b>BC</b> |
|------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|      | 22        | 19         | 17        | 17        | 17        | 17        | 21        | 26        | 20        | 17        | 19        | 18        |
| Rank |           |            | 1         | 2         | 4         | 5         | 9         | 10        | 8         | 3         | 7         | 6         |

\* Based on 467,000 full-time equivalent students, fall 2015; assumes that the 60,000 additional college and university enrolments announced by the provincial government will be split one-third/two-thirds college/university, and is mid-way between the results if planned increases in international student enrolment are included and results if international student enrolment is excluded from the 60,000 projection.

| OPERATING FUNDING<br>PER STUDENT<br>(constant 2009-10 dollars) | 2009-10   | Ontario<br>worse by | Percent<br>increase<br>required | Additional funding<br>Required to catch up in<br>(in \$millions) |          |          |
|--|-----------|---------------------|---------------------------------|--|----------|----------|
|  |           |                     |                                 | 2009-10  | 2010-11  | 2015-06  |
| Ontario (10 <sup>th</sup> of 10)                               | \$ 8,257  |                     |                                 |  |          |          |
| Rest of Canada*  | \$ 11,877 | -30 %               | 44 %                            | \$ 1,500   | \$ 1,500 | \$ 1,700 |
| US peer universities*  | \$ 9,908  | -17 %               | 20 %                            | \$ 700   | \$ 700   | \$ 800   |
| US comparator states (ICAP)                                    | \$ 9,249  | -11 %               | 12 %                            | \$ 400   | \$ 400   | \$ 500   |
| US 4 yr public universities                                    | \$ 10,070 | -18 %               | 22 %                            | \$ 700   | \$ 800   | \$ 800   |
| Ontario 1990   | \$ 11,026 | -25 %               | 34 %                            | \$ 1,100   | \$ 1,200 | \$ 1,300 |

\* Quebec (and therefore Rest of Canada) and US figures for 2009-10 are preliminary.

#### Provincial government operating funding per student - 2009-10

|      | CA        | RoC       | NL        | PE        | NS       | NB        | QC*       | ON       | MB        | SK        | AB        | BC        |
|------|-----------|-----------|-----------|-----------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|
| \$   | \$ 10,268 | \$ 11,877 | \$ 18,503 | \$ 10,564 | \$ 9,751 | \$ 10,137 | \$ 10,553 | \$ 8,257 | \$ 12,848 | \$ 12,714 | \$ 15,431 | \$ 11,573 |
| Rank |           |           | 1         | 6         | 9        | 8         | 7         | 10       | 3         | 4         | 2         | 5         |

\* Quebec (and therefore Rest of Canada) figures for 2009-10 are preliminary.

| ONTARIO MTCU<br>ALLOCATIONS PER BIU<br>(constant 2009-10 dollars) | Worse<br>today by | Percent<br>increase<br>required | Additional funding<br>Required to catch up in<br>(in \$millions) |          |          |
|---|-------------------|---------------------------------|--|----------|----------|
|   |                   |                                 | 2010-11  | 2015-06  |          |
| Reaching Higher (to 2010-11)                                      | \$ 4,726          |                                 |  |          |          |
| 1970s expansion   | \$ 7,306          | -35 %                           | 55 %   | \$ 1,900 | \$ 2,000 |
| 1970s (three decades ago)   | \$ 7,083          | -33 %                           | 50 %   | \$ 1,700 | \$ 1,800 |
| 1980s (two decades ago)   | \$ 6,154          | -23 %                           | 30 %   | \$ 1,000 | \$ 1,100 |
| 1990s (one decade ago)  | \$ 4,996          | -5 %                            | 6 %  | \$ 200   | \$ 200   |

| <b>PROVINCIAL OPERATING FUNDING - 2009-10</b> | <b>Rest of Canada*</b> | <b>Ontario</b> | <b>Ontario rank</b> | <b>Ontario worse by</b> | <b>Increase needed</b> | <b>\$millions to catch up</b> |
|---|------------------------|----------------|---------------------|-------------------------|------------------------|-------------------------------|
| \$per capita                                  | \$ 308.88              | \$ 257.40      | 10                  | -17 %                   | 20 %                   | \$ 670                        |
| % of GDP                                      | 0.67 %                 | 0.58 %         | 9                   | -14 %                   | 16 %                   | \$ 540                        |
| \$per \$1,000 provincial personal income      | \$ 8.52                | \$ 7.04        | 10                  | -17 %                   | 21 %                   | \$ 710                        |
|   | <b>Rest of Canada</b>  | <b>Ontario</b> | <b>Ontario rank</b> | <b>Ontario worse by</b> | <b>Ontario 1990</b>    | <b>Worse today by</b>         |
| % of total operating revenues                 | 66 %                   | 55 %           | 9                   | -17 %                   | 81 %                   | -32 %                         |

| <b>2009-10 PROV. OPERATING FUNDING</b>              | <b>CA</b> | <b>Rest of CA*</b> | <b>NL</b> | <b>PE</b> | <b>NS</b> | <b>NB</b> | <b>QC*</b> | <b>ON</b> | <b>MB</b> | <b>SK</b> | <b>AB</b> | <b>BC</b> |
|---|-----------|--------------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|
| <b>\$per capita</b>                                 | \$ 289    | \$ 309             | \$ 571    | \$ 297    | \$ 387    | \$ 267    | \$ 278     | \$ 257    | \$ 324    | \$ 330    | \$ 340    | \$ 289    |
| Rank  |           |                    | 1         | 6         | 2         | 9         | 8          | 10        | 5         | 4         | 3         | 7         |
| <b>% of GDP</b>                                     | 0.64 %    | 0.67 %             | 1.16 %    | 0.88 %    | 1.06 %    | 0.73 %    | 0.72 %     | 0.58 %    | 0.78 %    | 0.60 %    | 0.51 %    | 0.68 %    |
|   |           |                    | 1         | 3         | 2         | 5         | 6          | 9         | 4         | 8         | 10        | 7         |
| <b>\$per \$1,000 of provincial. personal income</b> | \$ 7.94   | \$ 8.52            | \$ 17.70  | \$ 9.98   | \$ 11.88  | \$ 8.24   | \$ 8.26    | \$ 7.04   | \$ 9.67   | \$ 9.13   | \$ 7.29   | \$ 8.22   |
| Rank  |           |                    | 1         | 3         | 2         | 7         | 6          | 10        | 4         | 5         | 9         | 8         |
| <b>% of total operating revenue</b>                 | 62 %      | 66 %               | 67 %      | 68 %      | 54 %      | 65 %      | 75 %       | 55 %      | 71 %      | 63 %      | 61 %      | 56 %      |
| Rank  |           |                    | 4         | 3         | 10        | 5         | 1          | 9         | 2         | 6         | 7         | 8         |

\* Quebec (and therefore Rest of Canada) figures for 2009-10 are preliminary.

| OPERATING FUNDING and NET STUDENT FEES per STUDENT | 2009-10   | Ontario lower by | Percent increase required | Additional funding Required to catch up by (in \$millions) |          |          |
|--|-----------|------------------|---------------------------|--|----------|----------|
|  |           |                  |                           | 2009-10  | 2010-11  | 2015-06  |
| Ontario (9 <sup>th</sup> of 10)                    | \$ 14,797 |                  |                           |  |          |          |
| Rest of Canada*                                    | \$ 16,433 | -10 %            | 11 %                      | \$ 700   | \$ 700   | \$ 800   |
| US** peer universities                             | \$ 18,915 | -22 %            | 28 %                      | \$ 1,700   | \$ 1,700 | \$ 1,900 |
| US comparator states (ICAP)                        | \$ 17,392 | -15 %            | 18 %                      | \$ 1,100   | \$ 1,100 | \$ 1,200 |
| US 4 yr public universities                        | \$ 17,981 | -18 %            | 22 %                      | \$ 1,300   | \$ 1,300 | \$ 1,500 |

| OPERATING FUNDING and NET STUDENT FEES   | Ontario (10 <sup>th</sup> of 10) | Rest of Canada* | US** peer universities | Peer US states | US 4 yr public universities | Ontario 1990 |
|--|----------------------------------|-----------------|------------------------|----------------|-----------------------------|--------------|
| Net Tuition (credit & non-credit) and Student Fees as % of Net Fees & Provincial Operating Grants / State appropriations | 45 %                             | 30 %            | 48 %                   | 47 %           | 44 %                        | 22 %         |
| Ontario less/more by:  |                                  | 54 %            | -5 %                   | -3 %           | 3 %                         | 108 %        |

| OPERATING \$ and NET FEES   | CA   | Rest of CA | NL   | PE   | NS   | NB   | QC*  | ON   | MB   | SK   | AB   | BC   |
|---|------|------------|------|------|------|------|------|------|------|------|------|------|
| Net Tuition and Student Fees as % of Net Fees and Provincial Operating Grants |      |            |      |      |      |      |      |      |      |      |      |      |
| 2009-10   | 36 % | 30 %       | 14 % | 34 % | 41 % | 38 % | 25 % | 45 % | 27 % | 28 % | 28 % | 36 % |
| Rank  |      |            | 1    | 6    | 9    | 8    | 2    | 10   | 3    | 4    | 5    | 7    |

\* Quebec (and therefore Rest of Canada) figures for 2009-10 are preliminary.

\*\* US figures for 2009-10 are preliminary, reflecting current estimates of reductions in state appropriations and estimated effect of actual fall 2009 enrolments and actual 2009 tuition and mandatory fees.

| TUITION & STUDENT FEE REVENUE                               | Ontario | Rest of Canada* | Ontario worse by |  | Ontario 1990 | Worse now by: |
|---|---------|-----------------|------------------|--|--------------|---------------|
| Tuition and Student Fees as a % of Total Operating Revenues | 43 %    | 27 %            | 59 %             |  | 20 %         | 111 %         |

| TUITION & STUDENT FEE REVENUE                                      | CA   | Rest of CA* | NL   | PE   | NS   | NB   | QC*  | ON   | MB   | SK   | AB   | BC   |
|--|------|-------------|------|------|------|------|------|------|------|------|------|------|
| <b>Tuition and Student Fees as a % of Total Operating Revenues</b> |      |             |      |      |      |      |      |      |      |      |      |      |
| 2009-10  | 34 % | 27 %        | 12 % | 27 % | 36 % | 34 % | 23 % | 43 % | 23 % | 23 % | 26 % | 34 % |
| Rank   |      |             | 1    | 6    | 9    | 7    | 3    | 10   | 2    | 4    | 5    | 8    |

\* Quebec (and therefore Rest of Canada) figures for 2009-10 are preliminary.

| DOMESTIC TUITION FEES | CA       | Rest of CA | NL       | PE       | NS       | NB       | QC       | ON       | MB       | SK       | AB       | BC       |
|-----------------------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>Undergraduate</b>  |          |            |          |          |          |          |          |          |          |          |          |          |
| 2010-11               | \$ 5,139 | \$ 4,045   | \$ 2,624 | \$ 5,131 | \$ 5,495 | \$ 5,516 | \$ 2,415 | \$ 6,307 | \$ 3,588 | \$ 5,431 | \$ 5,318 | \$ 4,802 |
| Rank                  |          |            | 2        | 5        | 8        | 9        | 1        | 10       | 3        | 7        | 6        | 4        |
| <b>Graduate</b>       |          |            |          |          |          |          |          |          |          |          |          |          |
| 2010-11               | \$ 5,182 | \$ 3,986   | \$ 2,456 | \$ 3,913 | \$ 7,350 | \$ 5,034 | \$ 2,600 | \$ 6,917 | \$ 4,132 | \$ 3,271 | \$ 4,672 | \$ 6,353 |
| Rank                  |          |            | 1        | 4        | 10       | 7        | 2        | 9        | 5        | 3        | 6        | 8        |

## Name your sources

| <b>BASIC DATA</b>                  |  |
|------------------------------------|--|
| <b>Faculty</b>                     | COU <i>Facts and Figures</i> , for pre-2005 data;<br>University CUDO sites for 2005-06 through 2009-10;<br>Subsequent years estimated by adding net full-time faculty hiring reported in Multi-Year Accountability Agreements.   |
| <b>Fall FTE students</b>           | Fall student headcounts from COU and Ministry of Training, Colleges and Universities (MTCU);<br>Full-Time Equivalent (FTE) calculated using standard Statistics Canada method: FTE = FT plus (PT/3.5).   |
| <b>Participation rates</b>         | Fall full-time university and college headcounts from MTCU;<br>18-24 population data from Statistics Canada;<br>Participation rate calculated using standard method of number of full-time students / 18-24 age group population.  |
| <b>Secondary School Applicants</b> | Ontario Universities Application Centre  |
| <b>Fiscal FTE students</b>         | Source: MTCU, 2005-06 and subsequent years;<br>Council of Ontario Finance Officers – Universities of Ontario <i>Compendium of Statistical and Financial Information</i> , previous years;<br>Fiscal FTE is based on MTCU guidelines and differs from Statistics Canada method'<br>Eligible students are defined by residency and program criteria. |
| <b>Basic Income Units</b>          | Source: MTCU, 2005-06 and subsequent years;<br>Council of Ontario Finance Officers – Universities of Ontario <i>Compendium of Statistical and Financial Information</i> , previous years;<br>Basic Income Units (BIUs) form part of the funding formula used by MTCU and do not, for that purpose, apply to “ineligible” students                  |
| <b>MTCU Allocations</b>            | Ministry of Training, Colleges and Universities (MTCU)<br>Allocations memos  |

| <b>STUDENT-FACULTY RATIOS</b>           |  |
|---|--|
| <b>Canada</b>                           | <p>Statistics Canada</p> <p>Standard Statistics Canada method of calculating full-time equivalent students is used - i.e., <math>FTE = FT + (PT/3.5)</math></p>  |
| <b>US peer universities</b>             | <p>US National Center for Education Statistics</p> <p>Full-time "instruction/research/public service" faculty counts: includes part-time faculty with tenure or on tenure stream; excludes faculty with less than 9-month contract and instructional faculty with 9 to 10-month contracts who are not on a tenure track.</p> |
| <b>Ontario 1990</b>                     | COU <i>Resource Document</i> , 2007  |
| <b>OPERATING FUNDING PER STUDENT</b>    |  |
| <b>Ontario and Canada</b>               | <p>Student enrolment, Statistics Canada;</p> <p>Financial data, Canadian Association of University Business Officers, <i>Financial Information of Universities and Colleges</i></p>  |
| <b>United States</b>                    | <p>US National Center for Education Statistics - 2009-10 estimates based on Grapevine/State Higher Education Executive Officers compilations.</p>  |
|   | <p>Student FTE calculated using standard Statistics Canada method (above)</p> <p>Financial data compared are Provincial Operating Grants and State Appropriations</p>  |
| <b>ONTARIO MTCU ALLOCATIONS PER BIU</b> |  |
| <b>BIUs</b>                             | <p>MTCU and Council of Ontario Finance Officers - Universities of Ontario <i>Compendium of Statistical and Financial Information</i>, previous years</p>   |
| <b>Allocations</b>                      | <p>MTCU allocations memos;</p> <p>Ministry of Colleges and Universities, <i>Statistical Summary and Annual Report</i>, various years.</p>  |



| <b>PROVINCIAL OPERATING FUNDING</b>    |   |
|--|---|
| <b>Operating Funding</b>               | Financial data, Canadian Association of University Business Officers, <i>Financial Information of Universities and Colleges</i>   |
| <b>Population - Per Capita</b>         | Statistics Canada   |
| <b>GDP</b>                             | Statistics Canada   |
| <b>Provincial personal income</b>      | Statistics Canada   |
| <b>TUITION AND STUDENT FEE REVENUE</b> |   |
| <b>Canada</b>                          | Canadian Association of University Business Officers, <i>Financial Information of Universities and Colleges</i>   |
| <b>United States</b>                   | National Center for Education Statistics – 2009-10 data estimated using actual data for 2009 fall enrolment and 2009 tuition and mandatory fees.  |
| <b><u>NOTE</u></b>                     | The standard reference to tuition and fee revenue is as a proportion of total operating revenue. Hence it is provided in these data.  |
|  | Due to the “tuition set-aside” in Ontario, student fees net of scholarships and provincial / state operating grants may be the more policy-relevant variables for comparison purposes. For comparison with the US, tuition for non-credit courses must be included. For the methods used to calculate net fees, see the following comments: |
| Canada                                 | Net fees are calculated by subtracting scholarships and bursaries that are paid from operating funds from operating revenue generated by tuition and student fees.  |
| United States                          | Net fees are calculated by subtracting tuition waivers, and scholarships identified as coming from institutional sources from gross fee revenue.  |
| <b>DOMESTIC TUITION FEES</b>           |   |
| Undergraduate<br>Graduate              | Statistics Canada; Rest of Canada weighted average using Association of Universities and Colleges of Canada (AUCC) preliminary enrolment data, fall 2010.   |