2022 ENVIRONMENTAL SCAN

College Resources



College Resources

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1 HIGHLIGHTS

- Like many organizations around the world, Ontario's colleges had to adapt to a challenging and unpredictable environment during the pandemic.
- Many college programs quickly shifted to online learning. A wide range of support services also had to move to virtual delivery, requiring new investments in technology and other investments.
- Where activities on campus were required, practices were adapted to maintain a safe working and learning environment. Many ancillary operations and activities were cancelled or scaled down, which affected services and the resources required to deliver these services.
- These factors increased the costs for colleges throughout the period covered by this environmental scan. In addition, the unpredictable course of the pandemic and changes in public health requirements all created an extremely challenging environment for planning and delivering critical college services.

Revenues and expenses

- Colleges have continued to deliver quality programs, supported by fees from international students. However, auditor general Bonnie Lysyk warned in her 2021 annual report the colleges' fiscal situation is "risky."
- If international enrolment trends should change, many colleges would face significant fiscal challenges.
- In fact, total college system revenues declined from \$5.5 billion in 2019-20 to \$5.1 billion in 2020-21. Domestic tuition revenue declined by six per cent while international tuition revenue declined by three per cent in 2020-21 relative to 2019-20. Grant revenue from all sources accounted for only 38 per cent of college system revenue.
- College system expenses declined from \$5.2 billion in 2019-20 to \$4.9 billion in 2020-21. The decline is due to the scaling down of some operations and activities occasioned by the COVID-19 pandemic.
- As of March 2021, the college system had an accumulated surplus of \$3.1 billion. About 60 per cent of this surplus has been invested in capital assets.

Trends in college funding

• At \$5,068, the real operating grants per full-time equivalent (FTE) student in 2020-21 were approximately six per cent higher than in 2004-05 (\$ 4,801) and 11 per cent lower than the peak of \$5,673 in 2007-08.

- Per student revenue from operating grants and tuition fees for Ontario colleges is the lowest among the provinces. Funding per student for Ontario colleges is significantly lower than for secondary schools and universities.
- Space per student is much lower for Ontario colleges (7.5 square metres per student in 2019) in comparison to universities and secondary schools and is in fact lower than it was in 2012.
- While the apprenticeship per diem in current dollars in 2020-21 is higher than it was in 2004-05, it is 7 percent lower than it was in 2004-05, when inflation is considered. The in-school student fee of \$10 per student has not increased since it was introduced in 2002-03.

Human resources

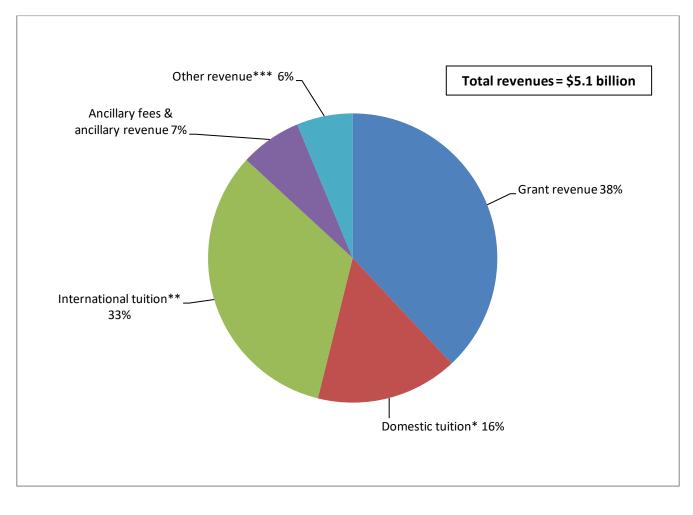
• Colleges employ almost 44,000 full-time and part-time people. From 2004-05 to 2020-21, the number of full-time staff employed at colleges increased by 33 per cent.

Student financial aid

• In 2020-21, about 131,000 college students were OSAP recipients. This represents 74 per cent of the total full-time post-secondary enrolment.

2 COLLEGE SYSTEM REVENUES AND EXPENSES

2.1 College system revenues, 2020-21

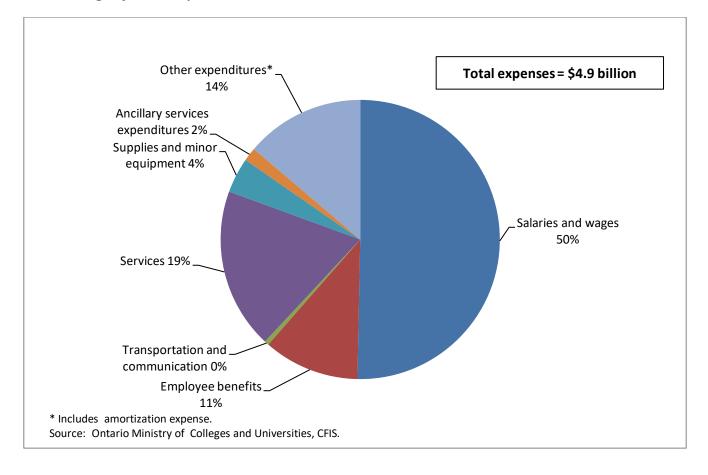


*Includes apprenticeship classroom fee.
**Includes private partnership revenue.
***Includes contractual educational services, other fees for services and other revenues.
Source: Ontario Ministry of Colleges and Universities, CFIS.
Prepared by Colleges Ontario.



- In 2020-21, grant revenue from all sources accounted for 38 per cent of college system revenues.
- Revenue from domestic and international tuition fees as a proportion of total system revenue is the highest, relative to revenue from grants, ancillary fees and other revenue.

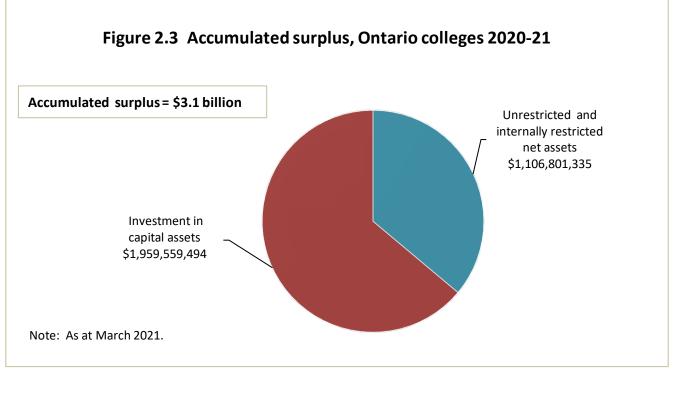
2.2 College system expenses, 2020-21



*Includes amortization expense. Source: Ontario Ministry of Colleges and Universities, CFIS. Prepared by Colleges Ontario.



- College system expenses include items such as amortization expenses, contract services, scholarships and student assistance from the tuition set-aside.
- Like most organizations in both the public and private sectors, compensation costs salaries and benefits together are the largest expense item for colleges.

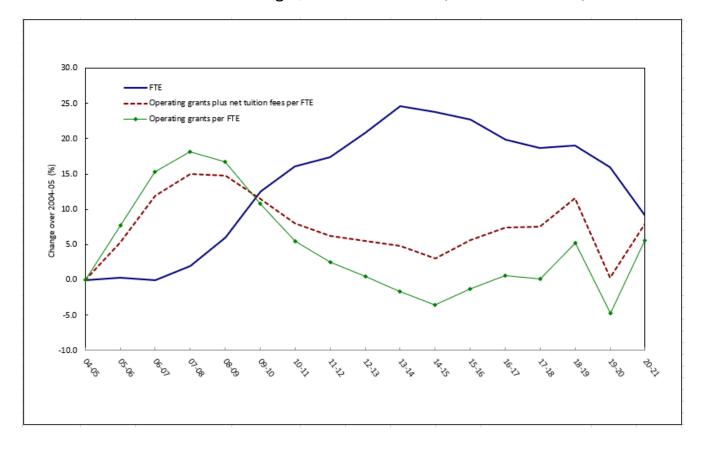


Note: As of March 2021. Source: Ontario Ministry of Colleges and Universities, CFIS. Prepared by Colleges Ontario.



- As of March 2021, the college system had an accumulated surplus of \$3.1 billion. Two-thirds of this surplus – \$1.9 billion – has been invested in capital assets. The funds have been used for major building projects and to purchase major assets such as lab equipment.
- One-third \$1.1 billion falls into the unrestricted and internally restricted net assets category. Net assets in this category are used for a variety of purposes and future needs that include:
 - Providing stability to ongoing operations.
 - Responding to one-time evolving and emergent needs.
 - Funding long-term and ongoing capital commitments.
 - Strategic initiatives, including expansion and innovation.

3 TRENDS IN COLLEGE FUNDING



3.1 Enrolment and revenue changes, 2004-05 to 2020-21 (indexed to 2004-05)

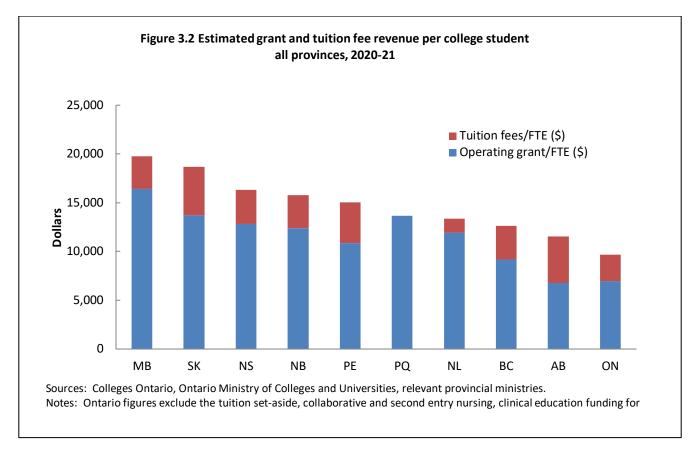
Note: Revenue figures are in constant 2002 dollars. Figures exclude the tuition set-aside, collaborative and second-entry nursing, the nursing pilot, clinical education funding for collaborative nursing and funding for other organizations.



Sources: Ontario Ministry of Colleges and Universities, Ontario Ministry of Finance, Statistics Canada and Colleges Ontario.

Prepared by Colleges Ontario.

- In 2020-21, real operating grants per student are six per cent higher than in 2004-05 and 11 per cent lower than they were at their peak in 2007-08.
- When tuition fees and operating grants are considered together, real per student revenue in 2020-21 was estimated to be eight per cent higher than in 2004-05. When compared with the 2007-08 peak, it was almost six per cent lower.
- There was a four per cent funding increase from 2019-20 to 2020-21. This is partly attributable to a one-time special purpose grant of \$62 million for post-secondary education and other increases in special purpose grants for French language supports and supports for students with disabilities.

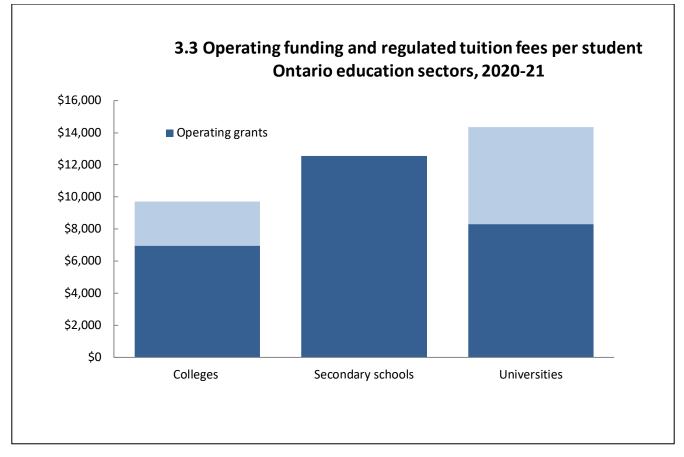


3.2 Estimated grant and tuition fee revenue per college student, by province, 2020-21

Note: Ontario figures exclude the tuition set-aside, collaborative and second-entry nursing, clinical education funding for collaborative nursing and funding for other organizations. Regulated tuition fees. Operating grants and enrolments are for provincially funded activity and exclude apprenticeship. Enrolment and funding data for Quebec are for full-time students. Sources: Ontario Ministry of Colleges and Universities, relevant provincial ministries and Colleges Ontario. Prepared by Colleges Ontario.



- When college operating grants and tuition fees are considered together, per student revenue in Ontario in 2020-21 (about \$9,600) was significantly lower than in any other province.
- Per student grant and tuition fee revenue in Manitoba was the highest among Canadian provinces.



3.3 Operating funding and regulated tuition fees per student, Ontario education sectors, 2020-2021

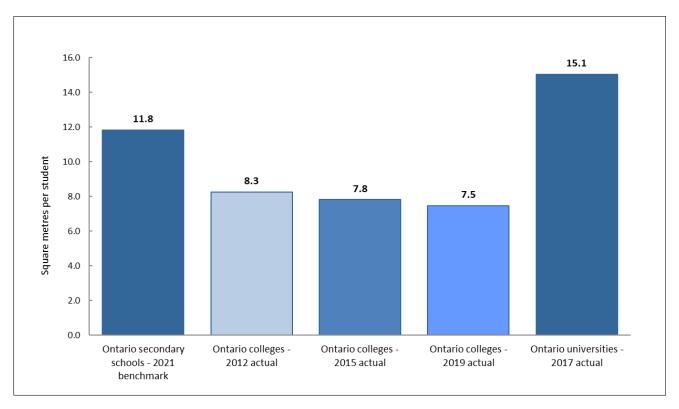
Note: Figures for colleges exclude the tuition set-aside, collaborative and second-entry nursing and clinical education funding for collaborative nursing. Figures for both colleges and universities exclude funding for other organizations.



Sources: Ontario Ministry of Colleges and Universities, Ontario Public School Boards Association and Colleges Ontario.

Prepared by Colleges Ontario.

• On a per student basis, funding for Ontario colleges continues to lag behind publicly funded secondary schools and universities.



3.4 Square metres per student, Ontario education sectors

Sources: Ontario Ministry of Education, variable area per pupil benchmark table; Colleges Ontario's facilities standards and inventory; and the Council of Ontario Universities 2016-17 inventory of physical facilities of Ontario universities. Prepared by Colleges Ontario.



- Space per student in the college sector has declined since 2012, from 8.3 square metres per fulltime equivalent student in 2012 to 7.5 square metres in 2019. The decline is attributable to a slower increase in space compared with enrolment growth.
- From 2012 to 2019, the total space inventory used by colleges increased by five per cent, while enrolment rose by 16 per cent.

3.5 Summary of apprenticeship per diem history, 2004-05 to 2020-21

			Total			Total per student
			apprenticeship	Ontario CPI	Per diem in	apprenticeship
	Per diem	Student	budget per	(constant 2002	constant	budget in constant
	fee	fee	student	dollars)	2002 dollars	2002 dollars
2004-05	\$53.47	\$10	\$63.47	104.6	\$51.12	\$60.68
2005-06	\$54.74	\$10	\$64.74	106.9	\$51.21	\$60.56
2006-07	\$56.03	\$10	\$66.03	108.8	\$51.50	\$60.69
2007-08	\$56.03	\$10	\$66.03	110.8	\$50.57	\$59.59
2008-09	\$57.35	\$10	\$67.35	113.3	\$50.62	\$59.44
2009-10	\$57.35	\$10	\$67.35	113.7	\$50.44	\$59.23
2010-11	\$57.35	\$10	\$67.35	116.5	\$49.23	\$57.81
2011-12	\$57.35	\$10	\$67.35	120.1	\$47.75	\$56.08
2012-13	\$57.35	\$10	\$67.35	121.8	\$47.09	\$55.30
2013-14	\$57.35	\$10	\$67.35	123.0	\$46.63	\$54.76
2014-15	\$57.35	\$10	\$67.35	125.9	\$45.55	\$53.49
2015-16	\$61.36	\$10	\$71.36	127.4	\$48.16	\$56.01
2016-17	\$63.09	\$10	\$73.09	129.7	\$48.64	\$56.35
2017-18	\$63.09	\$10	\$73.09	131.9	\$47.83	\$55.41
2018-19	\$63.09	\$10	\$73.09	135.0	\$46.73	\$54.14
2019-20	\$65.51	\$10	\$75.51	137.5	\$47.64	\$54.92
2020-21	\$65.51	\$10	\$75.51	137.6	\$47.61	\$54.88
Per cent						
change 2004-						
05 to 2019-20	23%		19%	32%	-7%	-10%

Note: Per diem and classroom fees are based on the standard six-hour training day. Sources: Ontario Ministry of Colleges and Universities, Ontario Ministry of Finance and Statistics Canada.



Prepared by Colleges Ontario.

• In current dollars, the apprenticeship per diem is 23 per cent higher than it was in 2004-05. However, the per diem is seven per cent lower than it was 15 years ago, once inflation is taken into account. The in-school student fee has not increased since its introduction in 2002-03.

4 HUMAN RESOURCES TRENDS

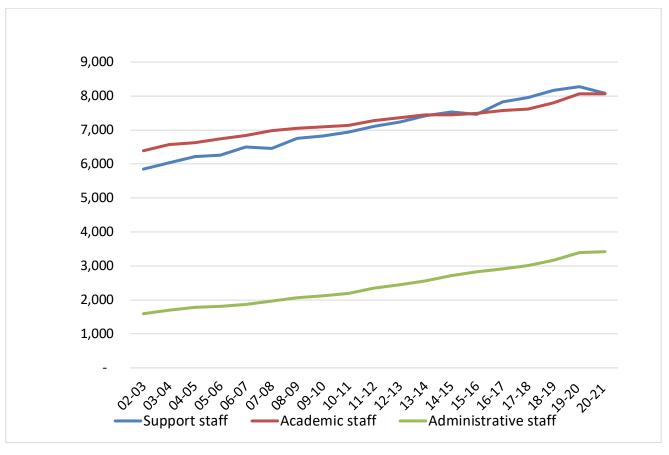
4.1 College staffing levels (head count), 2020-21

	Full time	Part time	Total
Academic staff	7,942	15,824	23,766
Support staff	8,090	8,242	16,332
Administrative staff	3,421	696	4,117
Total	19,453	24,762	44,215

Source: College Employer Council. Prepared by Colleges Ontario.



4.2 Number of full-time college staff by category, 2004-05 to 2020-21



Source: College Employer Council. Prepared by Colleges Ontario.

- COLLEGES | COLLÈGES ONTARIO | ONTARIO
- Colleges employ close to 44,000 people. The total number of full-time staff at colleges increased by 33 per cent from 2004-05 to 2019-2020.

5 STUDENT FINANCIAL AID

5.1 Levels of student assistance and number of recipients, college sector (2009-10 to 2020-21)

	Canada-Ontario integrated student loans (\$)	Total Canada and Ontario grants excluding OSOG (\$)	College OSAP recipients (#)	Total full-time post-secondary enrolment** (#)	% of total
2006-07	457,360,843	64,542,486	63,390	151,147	42%
2007-08	486,729,589	65,951,458	66,994	155,124	43%
2008-09	515,398,451	72,819,012	71,737	161,422	44%
2009-10	545,333,004	152,203,148	81,328	172,070	47%
2010-11	623,246,349	164,232,978	88,712	178,139	50%
2011-12*	689,338,751	195,598,764	111,529	179,740	62%
2012-13	782,584,506	224,477,517	124,551	185,445	67%
2013-14	857,042,853	240,984,355	130,962	192,466	68%
2014-15	832,532,779	243,396,255	128,991	190,758	68%
2015-16	860,539,492	243,991,816	131,304	190,945	69%
2016-17	834,681,397	307,159,230	132,622	186,804	71%
2017-18	625,487,601	873,237,103	149,153	189,659	79%
2018-19	675,510,633	1,026,787,591	159,593	186,119	86%
2019-20	619,813,263	734,466,789	140,335	189,845	74%
2020-21	522,757,100	893,384,514	131,979	177,241	74%

*From 2011-12 to 2016-17, the number of OSAP recipients, includes students who received the 30% Off Ontario Tuition grant (including recipients who applied through a separate stand-alone application for the grant).

**Full-time post-secondary head count (excludes other, sponsored and international students).

5.2 Canada-Ontario integrated student loan default rates

Type of institution	Default rate for 2020 (%)
Public colleges	7.2
Universities	2.7
Private career colleges	7.4
Other institutions	3.1
Ontario total	5.1

Source: Ontario Ministry of Colleges and Universities. Prepared by Colleges Ontario.



• The default rate reflects the percentage of borrowers who have defaulted on their loans. The rates are calculated at a given point in time, approximately two years after the loans have entered repayment status. Thus, the 2020 default rates represent the loan defaults of 2017-18 borrowers at two years into repayment.

6 **APPENDICES**

6.1 Appendix 1. Operating grants and regulated tuition fee revenue per FTE, 2004-05 to 2019-20

Academic year	Total operating grants ¹ (\$millions)	FTE	Total operating grants per FTE	Ontario CPI (constant 2002 dollars) ²	Total operating grants per FTE - constant dollars	Regulated tuition fee revenue per FTE	Tuition fee revenue per FTE - constant dollars	Tuition set-aside per FTE ³	Net tuition fee revenue per FTE	Net tuition fee revenue per FTE - constant dollars	Total operating grants plus net tuition fees per FTE	Total operating grants plus net tuition fees per FTE - constant dollars
2004-05	\$916	182,413	\$5,022	104.6	\$4,801	\$1,820	\$1,740	\$180	\$1,640	\$1,568	\$6,662	\$6,369
2005-06	\$1,012	182,873	\$5,531	106.9	\$5,174	\$1,820	\$1,703	\$180	\$1,640	\$1,534	\$7,171	\$6,708
2006-07	\$1,097	182,255	\$6,022	108.8	\$5,535	\$1,911	\$1,756	\$180	\$1,731	\$1,591	\$7,753	\$7,126
2007-08	\$1,169	185,939	\$6,285	110.8	\$5,673	\$2,008	\$1,812	\$180	\$1,828	\$1,650	\$8,113	\$7,323
2008-09	\$1,228	193,420	\$6,351	113.3	\$5,606	\$2,110	\$1,862	\$180	\$1,930	\$1,703	\$8,281	\$7,309
2009-10	\$1,241	205,203	\$6,046	113.7	\$5,318	\$2,208	\$1,942	\$180	\$2,028	\$1,784	\$8,074	\$7,101
2010-11	\$1,249	211,817	\$5,896	116.5	\$5,061	\$2,311	\$1,984	\$190	\$2,121	\$1,820	\$8,017	\$6,882
2011-12	\$1,266	214,135	\$5,913	120.1	\$4,923	\$2,414	\$2,010	\$201	\$2,213	\$1,843	\$8,126	\$6,766
2012-13	\$1,295	220,369	\$5,877	121.8	\$4,825	\$2,524	\$2,072	\$212	\$2,312	\$1,899	\$8,189	\$6,724
2013-14	\$1,321	227,416	\$5,810	123.0	\$4,723	\$2,618	\$2,128	\$221	\$2,397	\$1,949	\$8,207	\$6,672
2014-15	\$1,316	225,731	\$5,831	125.9	\$4,632	\$2,658	\$2,111	\$225	\$2,433	\$1,932	\$8,264	\$6,564
2015-16	\$1,351	223,782	\$6,037	127.4	\$4,739	\$2,770	\$2,174	\$236	\$2,534	\$1,989	\$8,571	\$6,727
2016-17	\$1,370	218,721	\$6,264	129.7	\$4,830	\$2,859	\$2,204	\$245	\$2,614	\$2,015	\$8,878	\$6,845
2017-18	\$1,373	216,488	\$6,343	131.9	\$4,809	\$2,946	\$2,234	\$254	\$2,692	\$2,041	\$9,035	\$6,850
2018-19	\$1,482	217,242	\$6,823	135.0	\$5,054	\$3,033	\$2,247	\$263	\$2,771	\$2,052	\$9,593	\$7,106
2019-20	\$1,331	211,504	\$6,292	137.5	\$4,576	\$2,726	\$1,983	\$232	\$2,494	\$1,814	\$8,786	\$6,390
2020-21	\$1,388	199,043	\$6,973	137.6	\$5,068	\$2,726	\$1,981	\$232	\$2,494	\$1,813	\$9,468	\$6,880
Per cent change 2004-05 to 2020-21	51.5	9.1	38.8	31.5	5.6	49.8	13.9	28.7	52.1	15.6	42.1	8.0

Notes:

¹Figures exclude collaborative and second-entry nursing, nursing pilot programs, clinical education funding for collaborative nursing and funding for other organizations.

²Sources for the consumer price index include Statistics Canada and the Ontario Ministry of Finance. Other sources include the Ontario Ministry of Colleges and Universities and Colleges Ontario.

³Tuition set-aside figures are estimates.



6.2 Appendix 2. Number of college student assistance recipients, by student type

Student group	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12*	2012-13*	2013-14*
Dependant at home	14,605	15,970	17,108	20,233	21,728	30,994	37,944	40,914
Dependant away	16,711	18,229	19,801	21,512	22,429	31,265	32,250	32,605
Dependant/independent (home)***	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Depandent/independent (away)***	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Independent home	4,591	5,003	5,496	6,812	8,105	9,257	11,324	12,757
Independent away	15,899	16,203	17,257	19,519	21,415	23,610	25,561	26,579
Married	5,827	5,682	5,932	6,770	7,886	8,427	8,827	9,184
Sole support	5,595	5,773	5,991	6,481	7,141	7,976	8,645	8,923
Total	63,228	66,860	71,585	81,327	88,704	111,529	124,551	130,962

Notes:

*Up to 2016-17, the numbers included students who received the 30% Off Ontario Tuition grant.

**Starting in 2017-18, the Ministry of Colleges and Universities changed its reporting methodology, going to the number of students issued full-time OSAP awards from the previously used number of full-time OSAP award entitlements.

***These students are assessed as independent students in the Canada assessment and as dependents in the Ontario assessment.

Source: Ontario Ministry of Colleges and Universities.



6.3 Appendix 3. Average student assistance issued to college students, by student type

Dependant at home	4,617	4,786	4,684	4,762	4,853	4,015	4,222	4,495
Dependant away	7,507	7,410	7,239	7,503	7,593	6,098	6,538	7,112
Dependant/independent (home)***	n/a							
Dependant/independent (away)***	n/a							
Independent home	4,903	5,286	5,273	5,456	5,476	5,620	5,782	6,089
Independent away	9,226	9,469	9,612	9,979	10,256	10,394	10,644	10,874
Married	11,969	12,216	12,224	12,926	14,085	14,333	14,637	14,936
Sole support	16,102	15,919	16,254	18,565	19,135	19,009	19,576	19,986
Total	8,254	8,266	8,217	8,577	8,878	7,935	8,086	8,384

Notes:

*Up to 2016-17, the numbers included students who received the 30% Off Ontario Tuition grant. **Starting in 2017-18, the Ministry of Colleges and Universities changed its reporting methodology, going to the number of students issued full-time OSAP awards from the previously used number of full-time OSAP award entitlements.

***These students are assessed as independent students in the Canada assessment and as dependants in the Ontario assessment.

Source: Ontario Ministry of Colleges and Universities.



6.4 Appendix 4. Distribution of student assistance recipients by post-secondary sector* and student group, 2019-20

	Married/sole support		Independent		Dependant		Dependant/independent ***	
	#	% of student group	#	% of student group	#	% of student group	#	% of student group
Public colleges	29,778	48.7%	37,874	43.6%	51,715	27.2%	12,612	26.1%
Universities	13,261	21.7%	41,744	48.1%	135,434	71.3%	34,569	71.6%
Private career colleges	17,281	28.3%	5,910	6.8%	2,081	1.1%	639	1.3%
Other Ontario post-secondary institutions	782	1.3%	1,309	1.5%	649	0.3%	490	1.0%

Notes:

*Distribution of recipients attending Ontario institutions.

**These students are assessed as independent students in the Canada assessment and as dependants in the Ontario assessment.

Source: Ontario Ministry of Colleges and Universities.

