

Results of 2023 Audits: Universities

June 2024

Independent assurance report to Parliament
2023–24: 25



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Results of 2023 Audits: Universities



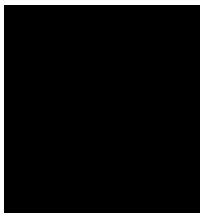
The Hon Shaun Leane MLC
President
Legislative Council
Parliament House
Melbourne

The Hon Maree Edwards MP
Speaker
Legislative Assembly
Parliament House
Melbourne

Dear Presiding Officers

Under the provisions of the *Audit Act 1994*, I transmit my report *Results of 2023 Audits: Universities*.

Yours faithfully



Andrew Greaves
Auditor-General
28 June 2024

The Victorian Auditor-General's Office (VAGO) acknowledges the Traditional Custodians of the lands and waters throughout Victoria. We pay our respects to Aboriginal and Torres Strait Islander communities, their continuing culture, and to Elders past and present.

Contents

1. Audit outcomes.....	1
Financial reports are reliable	1
Universities met their reporting timeframes	2
Financial reports continue to be of good quality.....	3
Recommendation.....	4
2. Financial analysis.....	5
The sector broke even in 2023 due to fair value gains on investments accounted for as income	5
International student revenue is recovering while domestic student revenue remains stagnant	9
Staff expenses continue to grow faster than student revenue.....	10
Land, buildings and investments continue to dominate universities' balance sheets	12
Universities' balance sheets are still strong, but declining cash surpluses may pose future challenges	13
Looking forward.....	15
3. Internal controls.....	17
Internal control environments are improving.....	17
IT issues remain the key challenge.....	17
Recommendation.....	19
Appendices.....	20

1.

Audit outcomes

We gave clear audit opinions for financial reports across the Victorian public university sector. Parliament and the community can confidently use these reports.

Financial reports are reliable

Victorian public university sector The Victorian public university sector consists of 8 universities and their controlled entities (also known as subsidiaries). At 31 December 2023, the universities reported they controlled 46 entities in total, which comprised of entities incorporated in Australia and overseas.

Our analysis in this report focuses on the consolidated financial reports submitted by the 8 universities for the 2023 reporting period.

Consolidated financial report

The financial report of a group in which the assets, liabilities, equity, income, expenses and cash flows of the parent and its subsidiaries are presented as those of a single economic entity.

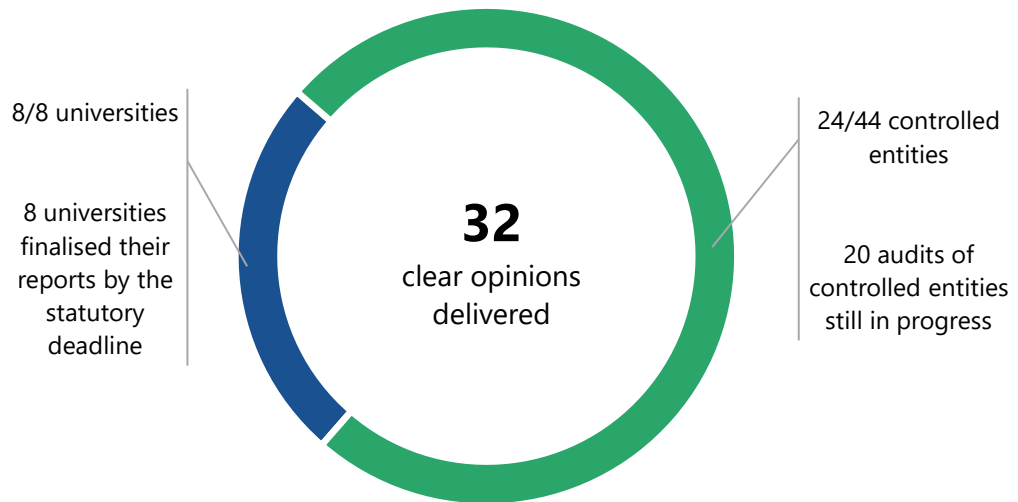
See Appendix B for more information about the sector.

Number of clear audit opinions We are required to audit the financial reports of the 8 Victorian public universities and their Australian controlled entities. Some universities also control entities incorporated overseas. Of the 46 controlled entities, 10 were set up in an overseas jurisdiction. The enabling legislation of each university states we are not required to audit entities incorporated overseas. We have not included these entities in our analysis, except as part of the financial information contained in the consolidated financial report of each university.

In total, we were required to issue 52 audit opinions for the 2023 year for the sector.

To date, we have issued 32 clear audit opinions across the sector for 2023 and there are 20 audits of controlled entities still in progress, which Figure 1 shows. This means Parliament and the community can confidently use the completed reports.

Figure 1: Clear audit opinions we issued and outstanding audits for 2023



Source: VAGO.

Clear audit opinion

A 'clear' or 'unmodified' audit opinion means we have reviewed an entity's financial report and believe it is reliable and complies with relevant reporting requirements.

Audits still in progress

As at 15 May 2024, the audits of 20 controlled entities' financial reports remain in progress for 2023. This did not affect our ability to issue audit opinions on the universities' consolidated financial reports because the operations of these remaining controlled entities are not significant, either individually or collectively, to each university's operations.

See Appendix C for more information about these audits.

Universities met their reporting timeframes

Reporting timeframes

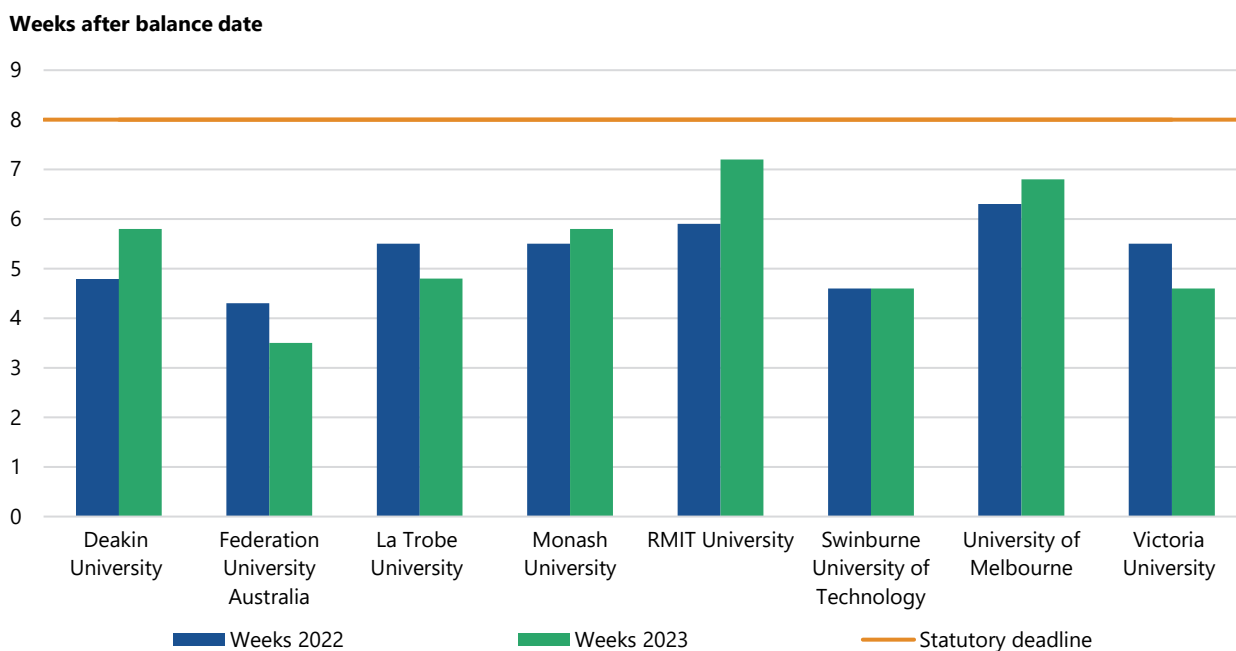
Under the *Financial Management Act 1994*, universities must submit their draft consolidated financial reports for audit within 8 weeks from the end of the reporting period, which is 31 December.

Under each of the universities' enabling legislation, controlled entities need to give us their draft financial report within 3 months of their balance date for audit.

Timeliness

As Figure 2 shows, all universities gave us their draft financial reports within the 8-week deadline, with 3 universities improving their timing from last year.

Figure 2: Timeliness of universities' financial reports for 2022 and 2023



Source: VAGO.

Controlled entities' timeliness

Thirty-six out of the 44 Australian controlled entities we audit gave us their draft financial reports within the 3-month deadline. This was a slight improvement from the prior year, where 33 gave us their draft financial reports within the 3-month deadline.

Some controlled entities did not meet their deadline because universities diverted their resources to make sure the financial reports of the universities are prepared within the deadline, ahead of focusing on the controlled entities.

While it is important that the universities and their significant controlled entities are prioritised, it is also important for controlled entity legislated timelines to be met, to ensure validity for users.

As at 15 May 2024, the financial reports of 3 controlled entities are still being prepared and we are still auditing the financial reports of 17 others.

Financial reports continue to be of good quality

Errors

The nature, number and size of errors in financial reports submitted for audit are measures of their quality and of the effectiveness of the systems and processes used to compile them. During an audit we sometimes find an item that an entity has not prepared in line with relevant reporting requirements.

Error or misstatement

Misstatement means a difference between the amount, classification, presentation or disclosure of a reported financial report item and the amount, classification, presentation or disclosure that is required for the item to be in accordance with the applicable financial reporting framework.

We classify these errors as either material or immaterial errors. We assess errors individually and in total with other errors identified during the audit.

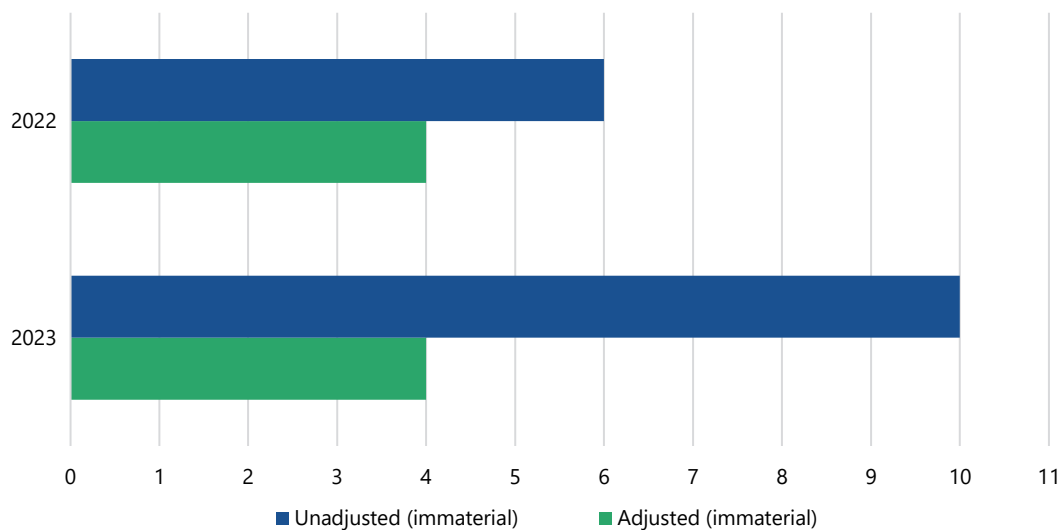
If an error is ...	Then ...
material	the entity needs to adjust, or correct, it before we can issue a clear audit opinion.
immaterial	we recommend the entity corrects it, but we can still issue a clear audit opinion without the entity correcting it.

Error correction Consistent with 2022, we found no material errors in 2023, indicating good quality and effective systems and processes are in place to produce financial reports.

As shown in Figure 3, we found 14 immaterial errors in 2023, which increased from 10 errors in 2022. Out of the 14 errors, the universities corrected 4 and left 10 uncorrected.

The increase in error rate in 2023 is mainly related to a sector-wide issue relating to whether a franking credit receivable from the Australian Tax Office (ATO) should be impaired based on new information about its collectability.

Figure 3: Errors we found in 2022 and 2023



Source: VAGO.

Recommendation

All universities We recommend universities with later controlled entity financial reporting timelines assess their processes, resource allocation and milestones to ensure they meet legislative requirements going forward.

2.

Financial analysis

The sector as a whole broke even for 2023, but this was only because of fair value gains on investments recorded as income. The sector otherwise would have recorded an overall net deficit for the year, a continued declining trend from 2022.

Revenue from international students grew, while domestic student revenue growth remained flat when compared to 2022. Overall, revenue earned from teaching students has not fully recovered to pre-pandemic levels, however moved positively since 2022.

Expenditure on employees grew at a rate faster than student revenue in 2023. While universities needed more staff to teach the increasing number of students, if this trend continues, it could cause cash flow difficulties in the future. This corresponds with a deteriorating operating cash margin over the last 2 years.

At the end of 2023, universities' balance sheets remained strong, with enough short-term cash and financial assets to pay short-term expenses.

Future challenges remain for the sector, with cost of living pressures impacting student enrolments, potential increases in employee costs from current enterprise bargaining agreement negotiations and uncertainty around longer-term reform initiatives from the Australian Government's Australian Universities Accord recommendations.

To remain financially sustainable in the long term, the sector must set its revenue policies to meet current and future expenditure requirements, considering these foreseeable changes and any materialising risks.

The sector broke even in 2023 due to fair value gains on investments accounted for as income

Sector's net result

For 2023, the sector broke even, with revenue and income earned matching expenses incurred for the year. This is an improvement from the sector's overall net deficit of \$520 million in 2022.

Fair value gains on investments contributed significantly to the 2023 result. Instead of recording a fair value loss on investments expense as in 2022, the sector recorded fair value gains on investments as income in 2023. In 2022 when its investments decreased in value, the sector recorded a deficit for the year as a result.

Fair value gains and losses on investments

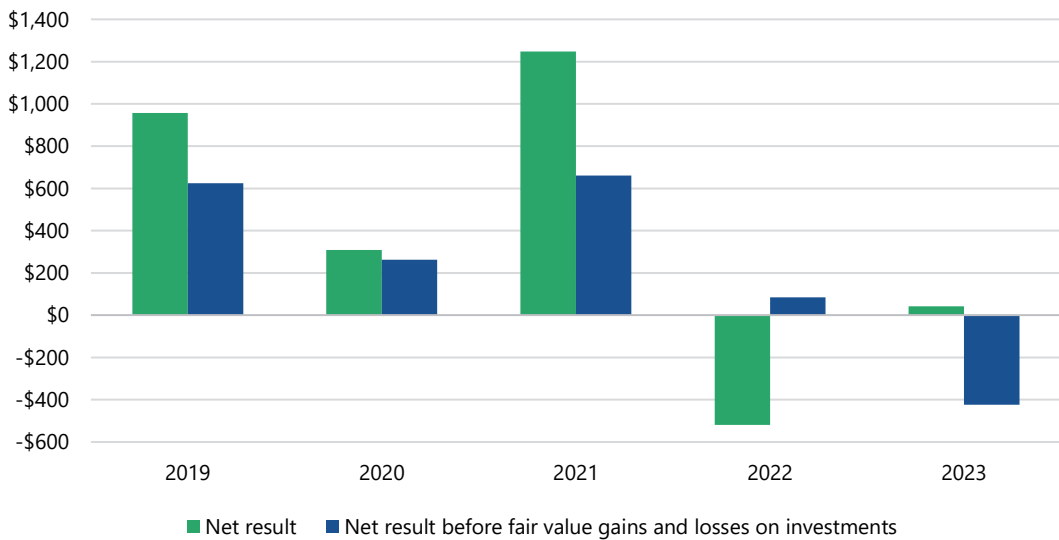
Universities can choose to record changes in fair value for some of their investments in their net result when they happen or when they sell the asset.

Most universities record these changes in fair value within their net result for the year. They do this even if they have not sold the investment. This means their net result is susceptible to changes in fair value each year.

When an investment's fair value goes up, it is called a fair value gain. When an investment's fair value goes down, it is called a fair value loss.

As Figure 4 shows, in 2023, before any fair value gains or losses were included in the net result, the sector would have recorded a deficit of \$424 million.

Figure 4: The sector's net result before and after fair value gains or losses on investments, \$ million



Source: VAGO.

Universities' net results before fair value gains and losses on investments

Out of the 8 universities, 6 improved their net result in 2023. However, as mentioned above, the increases in the value of the universities' investments contributed to most of this increase.

Figure 5 shows La Trobe University was the only university to break even before fair value gains or losses on investments. Further, only 2 universities (Swinburne University of Technology and Victoria University) recorded an improvement in their net result before gains and losses on investments.

The reason that universities displayed poorer results in 2023 before fair value gains and losses on investments is because they are spending more on their staff and suppliers compared with their revenue growth. In particular, the increase in staffing costs was more than the increases in student-related revenue, and this affected most universities.

Net result margin

An entity's net result is its revenue and income minus its expenses. The net result margin is the net result divided by total revenue and income.

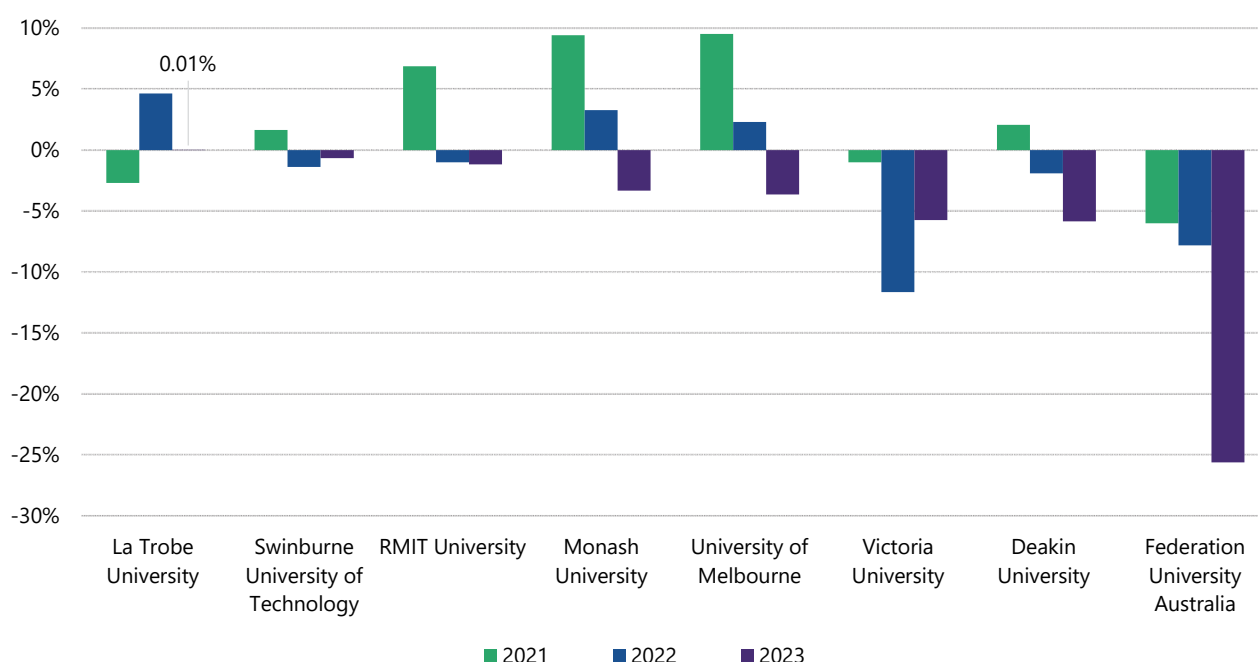
A positive result shows a surplus and a negative result shows a deficit. The larger the percentage, the stronger the result.

This measures how efficiently entities earn and spend their revenue and income.

There were some one-off or other events in 2022 and 2023 which affected some universities' net result margins:

- La Trobe University's declining margin between 2022 and 2023 can be substantially attributed to a one-off significant philanthropic gift of \$42 million it received for autism research in 2022. Excluding this donation in 2022, its net result margin would have improved from 2022 to 2023.
- Federation University Australia's declining margin in 2023 can be attributed to a one-off impairment of \$22.8 million of franking credits receivable from the ATO it recorded and an underperformance of international student income from its partner providers.
- Victoria University incurred some one-off employee expenses related to its transformation program in 2023 but controlled other costs and earned significantly more revenue, which improved its net result margin as compared with 2022.

Figure 5: Universities' net result margins before fair value gains and losses on investments for 2021, 2022 and 2023



Source: VAGO.

Financial performance snapshot (revenue and expenses)

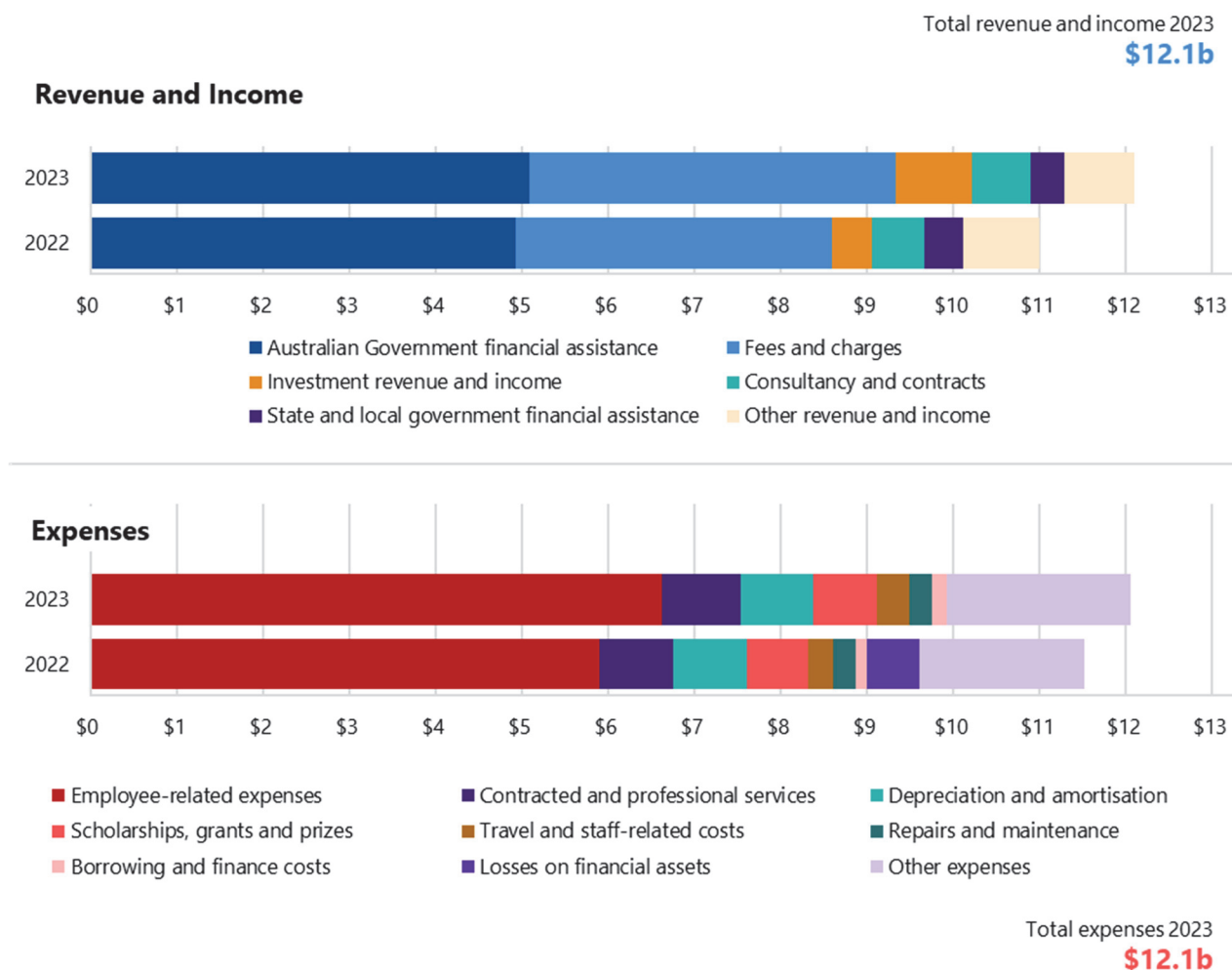
Figure 6 shows universities earn most of their revenue from Australian Government financial assistance and from fees and charges. Most of these 2 revenue streams are from domestic and international students.

Student revenue
 Student revenue is income that a university gets from running courses.
 Most of this revenue is fees and charges from international students and Australian Government student grants for Commonwealth-supported places.
 A Commonwealth-supported place is when the Australian Government pays for part of a student's course fees.

Universities spend most of their money on their staff, with several other categories making up the rest of the operating expenses.

As discussed above, the 2022 expenses included fair value losses on investments (also known as losses on financial assets), compared with 2023 when universities recorded a gain, which they included in their investment revenue and income.

Figure 6: Sector's total revenue and expenses in 2022 and 2023, \$ billion



Source: VAGO.

In 2023 the sector reported ...	Which is a ...	From ...	Because ...
\$12.1 billion in revenue and income*	10.0% increase	\$11.0 billion in 2022	<ul style="list-style-type: none"> universities earned more revenue from increased international student enrolments universities recorded fair value gains on investments, which is included as income.
\$12.1 billion in operating expenses	5.2% increase	\$11.5 billion in 2022	<ul style="list-style-type: none"> universities ran more classes universities paid staff more and their staff travelled more expenditure did not increase as much as in 2022 because investment performance was positive. This meant they recorded income and not an expense compared with 2022.
\$0.6 billion in operating cashflows*	53.8% decrease	\$1.3 billion in 2022	universities received more in student fees, but this was offset because universities spent more cash on suppliers and employee expenses during the year compared with the revenue earned from student fees.

*Refer to the glossary in Appendix E for more information.

International student revenue is recovering while domestic student revenue remains stagnant

International students

All universities received increased revenue from international students in 2023. Victoria University and La Trobe University had large increases of 76 per cent and 58 per cent compared with 2022. Universities in total earned \$547 million more in international student fees compared with 2022. This was mostly due to increases in international student study hours, which saw an increase in equivalent full-time student load (EFTSL) of 13 per cent in 2023.

EFTSL

EFTSL is a measure that represents the workload of a student enrolled in a course on a full-time basis for an academic year. One EFTSL equals one full-time study load for one year.

Universities calculate EFTSL as per the *Higher Education Support (Administration) Guidelines 2022*.

The amount of international student fees earned in 2023 was still below pre-COVID levels in 2019. Universities earned \$3.8 billion from international student fees in 2019, compared with \$3.6 billion in 2023.

Domestic students

Domestic student numbers have fallen from 2022.

As stated in the *Australian Universities Accord Final Report* released in February 2024, cost of living pressures together with other factors has led to a marked softening of demand in higher education.

However, unlike international student revenue, domestic student revenue has remained mostly consistent over the last 5 years, moving between \$4.2 billion and \$4.4 billion.

In 2023, the EFTSL for ...	Was ...	Which is ...
domestic students	197,744	a decrease of 1,053, or 0.5%, from 198,797 in 2022.
international students	124,982	an increase of 14,744, or 13.4%, from 110,238 in 2022.

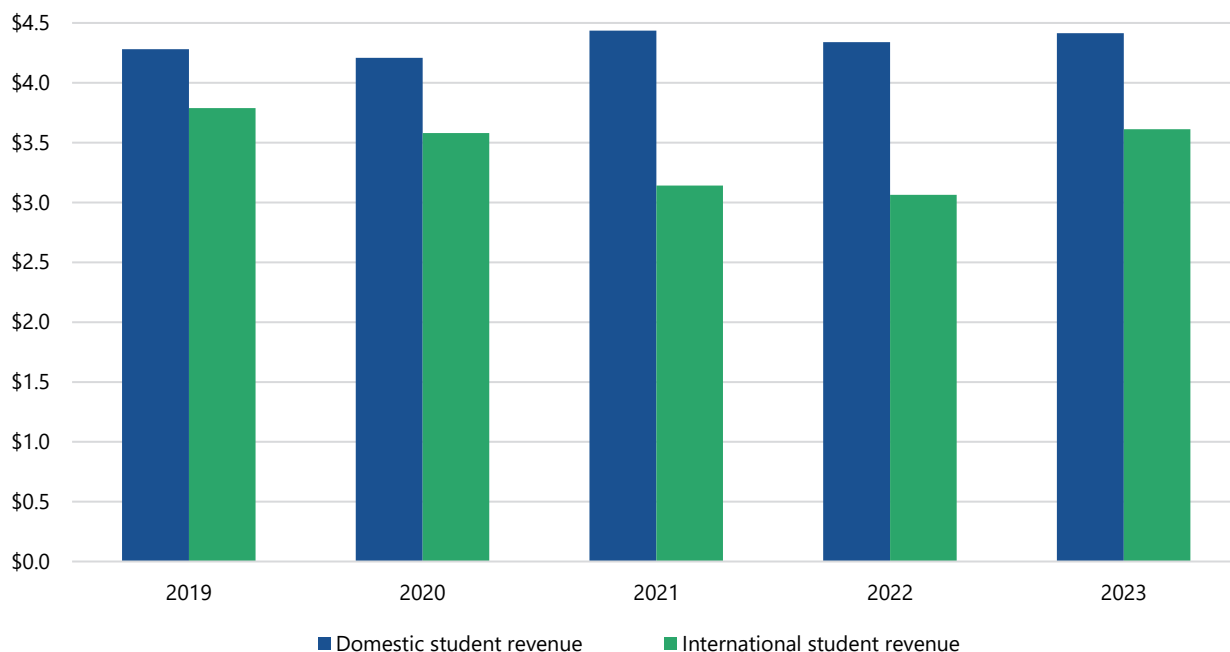
Total student-related revenue went up

Despite the fall in the number of domestic students, the amount of funding that universities received per domestic student, from both student payments and from the Australian Government, increased from \$21,800 per student in 2022 to \$22,300 per student in 2023, increasing total domestic student income overall.

Along with the increases in international student numbers, these factors led to an 8 per cent increase in student revenue earned by the universities, from \$7.4 billion in 2022 to \$8.0 billion in 2023.

With the consistency of domestic student revenue and the 2023 increases in international student revenue, the sector has returned to being only slightly (1 per cent) behind where it was in 2019 prior to COVID-19.

Figure 7: Student revenue earned by universities, 2019 to 2023, \$ billion



Source: VAGO.

Staff expenses continue to grow faster than student revenue

Trends in expenses

For 2023, the sector's total expenditure grew by 5 per cent. However, as mentioned previously, the 2022 expenditure figure included fair value losses on investments, which were not present in 2023. Excluding the impacts of fair value gains and losses on investments, total expenditure increased by 11 per cent, from \$10.9 billion in 2022 to \$12.1 billion in 2023. This is greater than the 8 per cent increase in total student revenue.

As shown in Figure 6, employee-related expenses make up over half (55 per cent) of all expenses for the sector. Growth in these expenses contributed to most of the growth in total expenses, increasing by 12 per cent or \$727 million compared with 2022.

For other operating expenses, travel and spend on student agencies were the largest contributors to the growth in other operating expenditure. This is because:

- in-person conferences and events returned to normal post COVID-19
- there was an increased need to use agencies to attract students in an increasingly competitive market.

Universities employed more staff in 2023 but still fewer than 2019

Universities employ a mixture of:

- academic staff, who are employed wholly or principally in teaching and/or research
- non-academic staff.

Universities collectively employed more than 40,780 full-time equivalent (FTE) staff in 2023. This is an increase of almost 2,000 from 2022.

As Figure 8 shows, academic and non-academic FTE both increased, with:

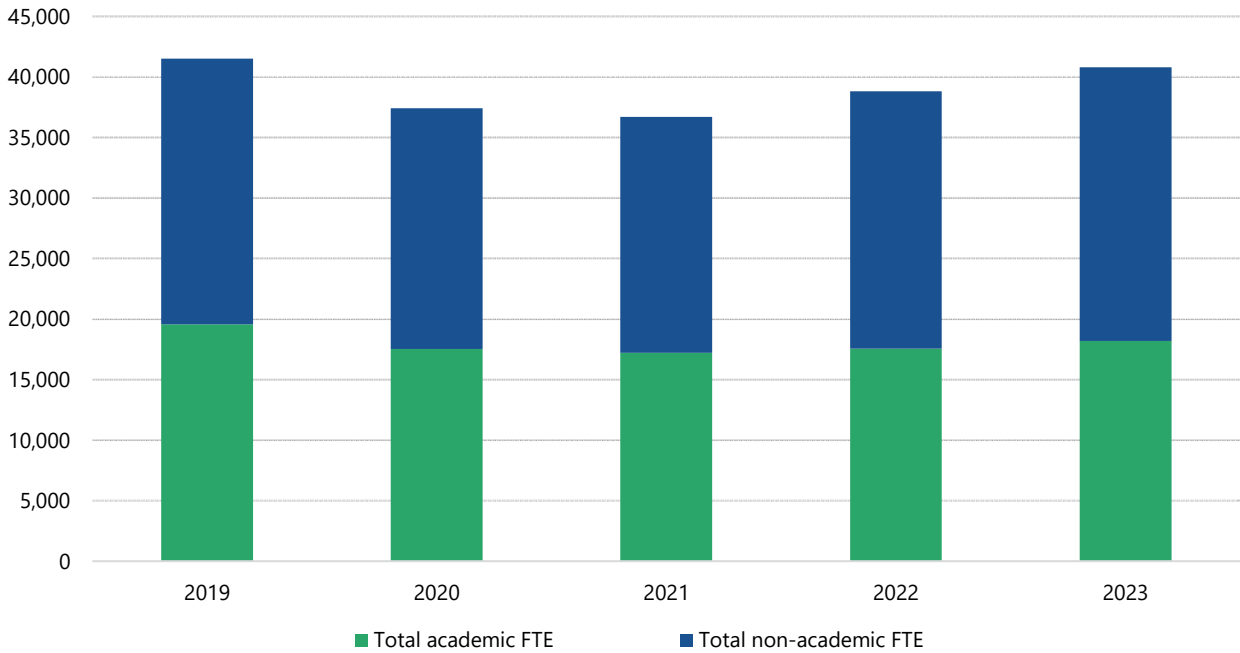
- academic FTE increasing by 4 per cent
- non-academic FTE increasing by 6 per cent.

Most universities still employ fewer FTE staff than they did prior to COVID-19 in 2019, where the sector employed a total of 41,495 FTE.

FTE staff

An FTE staff member represents the workload of one full-time employee. It is calculated based on the total hours worked by part-time employees or those with varied work schedules to equate to the hours of one full-time employee.

Figure 8: The sector's FTE workforce by employment classification, 2019 to 2023



Source: The FTE numbers used in the above figure were provided by the respective university and are unaudited.

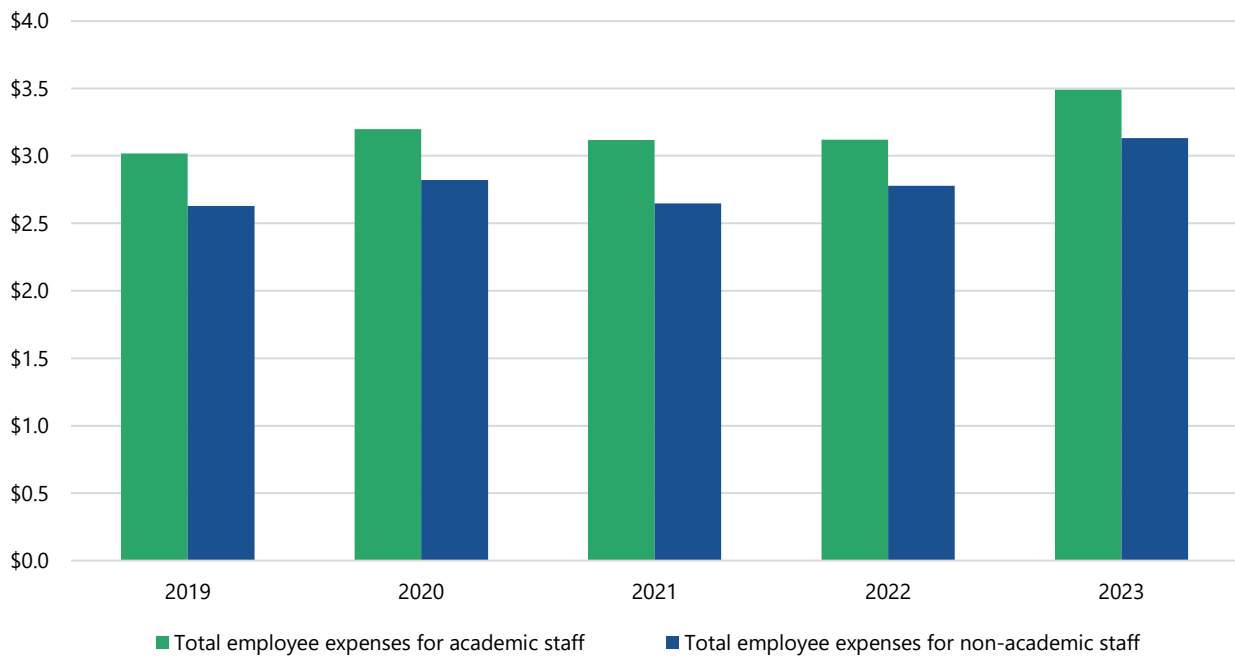
Increasing employee-related expenses may pose challenges

Along with increases in the number of FTE staff universities employed in 2023, they also paid these staff more, as shown in Figure 9.

This increase in both the number of staff and amount paid per staff caused the total sector employee-related expenses to increase by 12 per cent, from \$5.9 billion in 2022 to \$6.6 billion in 2023. This is a large difference compared with the 2 per cent increase from 2021 to 2022.

The return of international students will require universities to employ more teaching and support staff. If the increase in employee expenses continues to outpace the growth in revenue, this may lead to structural challenges in the future.

Figure 9: Expenditure by universities on academic and non-academic staff, 2019 to 2023, \$ billion



Source: VAGO.

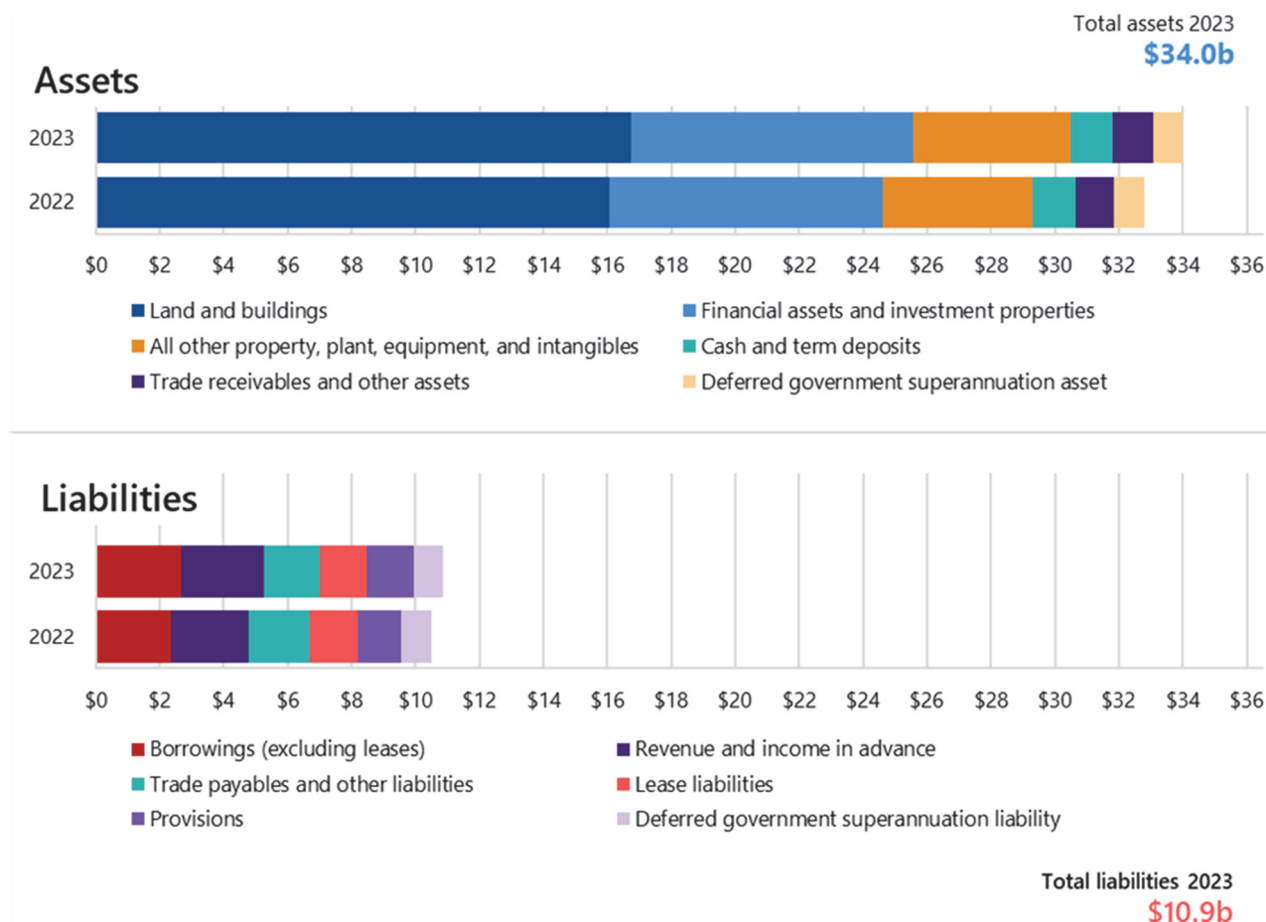
Land, buildings and investments continue to dominate universities' balance sheets

Financial position snapshot (assets and liabilities)

As Figure 10 shows, most of the sector's assets sit in the land and buildings universities own and their investment portfolios.

The sector's largest liabilities are loans, and revenue and income universities have received in advance of providing the service.

Figure 10: Sector's total assets and liabilities in 2022 and 2023, \$ billion



Source: VAGO.

In 2023, the sector reported ...	Which is a ...	From ...	Because ...
\$34.0 billion in assets	3.7% increase	\$32.8 billion in 2022	<ul style="list-style-type: none"> the value of universities' investments increased the value of universities' property, plant and equipment increased because of more being spent on building construction and equipment, and increases to the fair value of land and buildings.
\$10.9 billion in liabilities	3.8% increase	\$10.5 billion in 2022	<ul style="list-style-type: none"> universities received more student fees and research funding in advance of providing the service universities refinanced existing borrowings and borrowed more.

Universities' balance sheets are still strong, but declining cash surpluses may pose future challenges

Universities are still liquid Despite most of the universities recording a net loss before fair value gains or losses on investments for the year, all universities had an adjusted liquidity ratio above one as at 31 December 2023.

Adjusted liquidity ratio

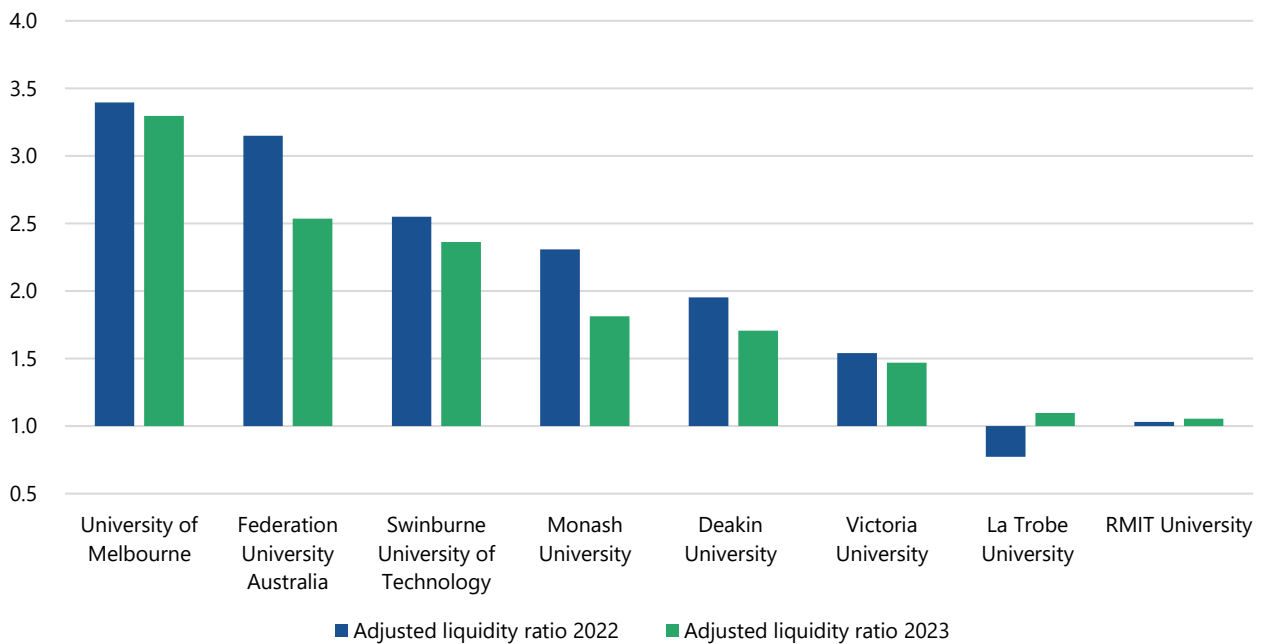
A liquidity ratio measures if an entity can likely pay its liabilities in the immediate future using cash and short-term assets. An entity's adjusted liquidity ratio also includes its non-current investments.

The ratio should ideally be above one, indicating that there are sufficient liquid assets to meet short-term liabilities.

La Trobe University's ratio was below one in 2022 as it had some short-term debt maturing within the 12-month period from the 31 December 2022 balance date. La Trobe University restructured its debt in 2023 as part of its *Sustainable Finance Framework*.

While Federation University Australia has recorded a net loss before fair value gains or losses on investments in each of the last 3 years, its adjusted liquidity ratio still is strong at over 2.5.

Figure 11: Universities' adjusted liquidity ratios for 2022 and 2023



Source: VAGO.

Most universities generated surplus cash from their operations

All universities, except for Federation University Australia, were able to generate positive cash flows from their operating activities in 2023. This shows that even though the net result margin, excluding fair value gains and losses on investments, is at a loss, most universities are generating cash to support their operations or allocate cash resources to investing and financing activities.

However, the deteriorating operating cash margin in Figure 12 shows that the cash spending on universities' operations is growing faster than their cash income from these operations. Cash payments to their employees and suppliers increased by 15 per cent from \$9.5 billion in 2022 to \$10.9 billion in 2023. Unlike in 2022 when Federation University Australia, La Trobe University and Swinburne University of Technology improved their operating cash margin, all universities experienced cash payments increasing at a faster pace than cash receipts in 2023.

Universities need to accumulate operating profits and operating cash surpluses to be able to fund capital works programs, repay debt and make long-term investments. If universities' operating cash margin continues to fall, this may pose challenges to how they can support their operations, investing and financing activities.

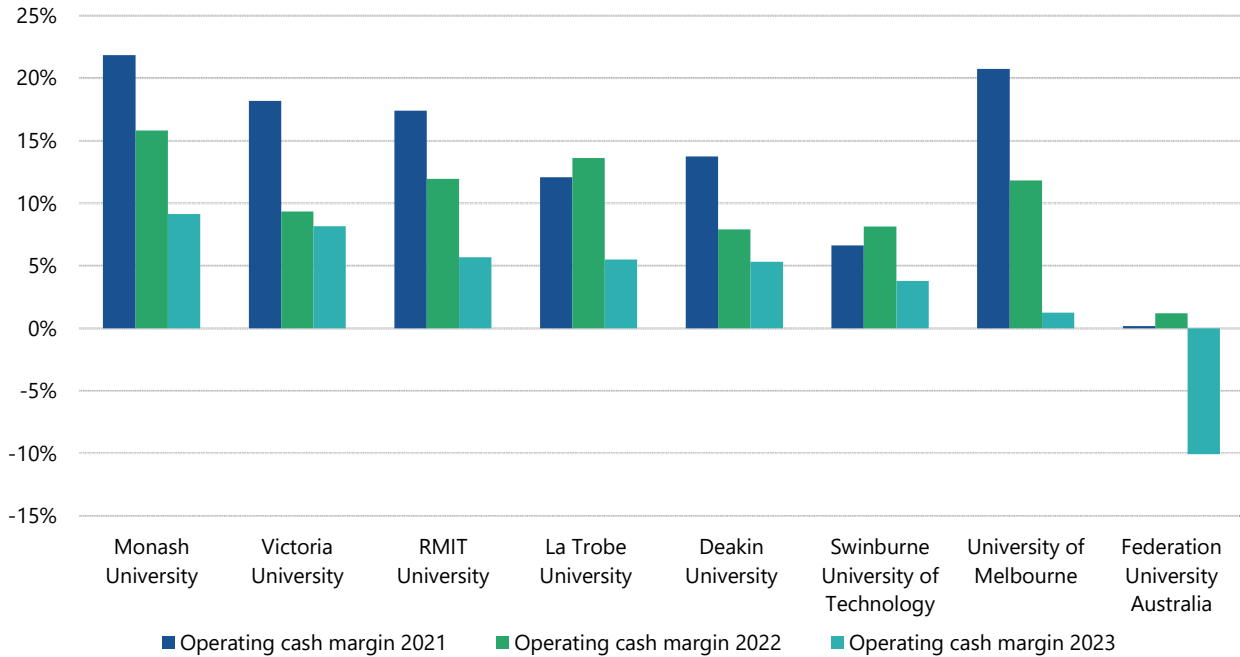
Operating cash flows

Operating cash is cash generated or used by a university's business operations. It represents the cash flows directly related to the operations that drive revenue and expenses for the university.

Operating cash flow margin

Operating cash margin is the cash flow surplus or deficit from the operating activities divided by all cash inflows of the operations of a university. This is a measure of how much cash the university has left after payment to its suppliers, employees and other activities that support its operations.

Figure 12: Universities' operating cash margins for 2021, 2022 and 2023



Source: VAGO.

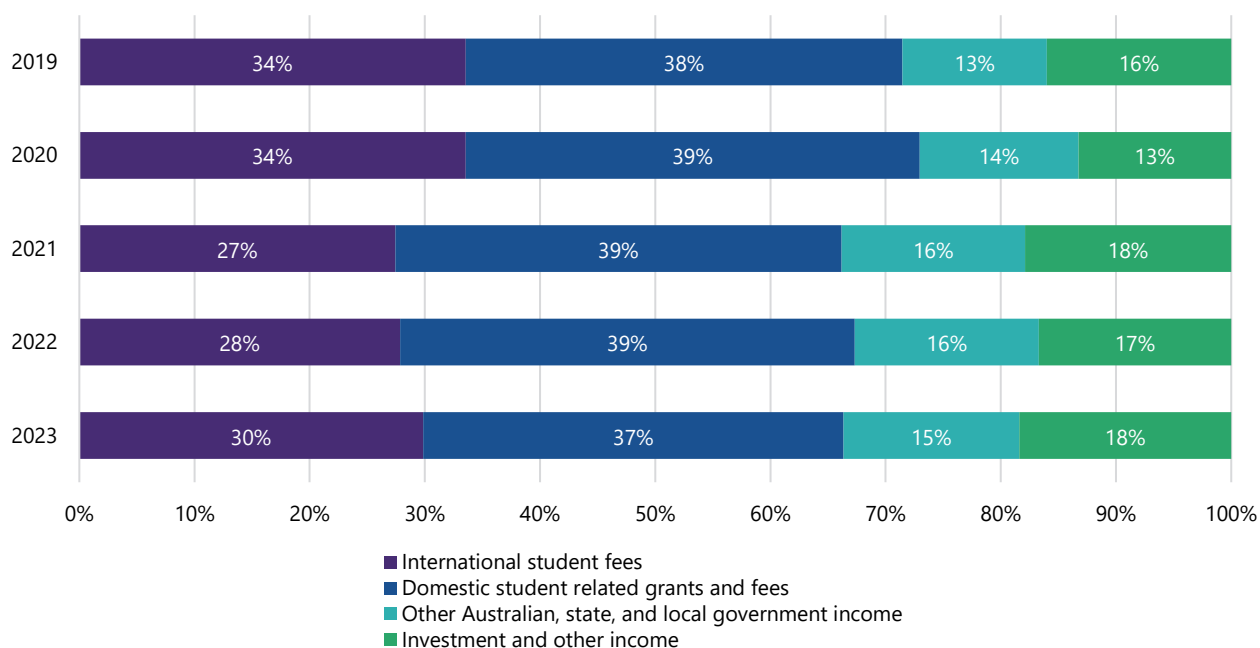
Looking forward

Diversifying revenue sources

As shown in Figure 13, universities have continued to diversify their sources of revenue in 2023. The amount of revenue they earned through investment and other income – which includes contract research, consultancy, partnerships and commercial activities – has continued to increase since the prior year. While 2022 saw a large increase from these streams of 22 per cent, 2023 saw a more modest but still significant 8 per cent increase.

While these increases in other revenue were not sufficient to make up the increases in costs, continuing to seek alternative revenue sources will help to guard universities from potential future impacts to their student-related revenue.

Figure 13: Types of revenue and income universities got from 2019 to 2023 as a percentage of total revenue and income



Note: Percentages may not total 100 due to rounding.
Source: VAGO.

Need for fees from international students

While universities are diversifying their revenue sources, in 2023 the revenue earned from international students increased, and at a greater rate than other sources and the previous years. While the sector is less dependent on international student fees revenue than the peak in 2019 and 2020, the trends in international student revenue shows this reliance may return in future years.

Future challenges

Universities will continue to face challenges on returning to sustainable surpluses. Most universities have negotiated, or are negotiating, a new enterprise bargaining agreement to come into effect in early 2024. This may see employee benefits costs increase.

Enterprise bargaining agreement

An enterprise bargaining agreement is a negotiated agreement between an employer and its employees (usually through a union) that sets out wages, working conditions and other employment terms specific to that workplace.

Ongoing cost of living pressures and housing supply challenges in Australia may make Victorian public universities a less attractive place to undertake study, weakening the ongoing recovery in student numbers. And with the *Australian Universities Accord Final Report* released in February 2024, the sector faces ambiguity about how the Australian Government will fund domestic student placements in the longer term.

As proven in 2022 and shown in Figure 4, universities cannot rely on consistent investment gains and other investment income to record a net profit. They will need to ensure that the results from their principal service of delivering teaching and research can support their operations.

On the other hand, some recommendations in the *Australian Universities Accord Final Report* may increase the domestic demand to study at university. Should these recommendations be adopted, the number of domestic students may reverse this recent trend and start to increase. Universities will need to be adaptable to these changing circumstances to address these challenges.

3.

Internal controls

Universities have adequate internal controls to support reliable financial reporting. Improvement to some key information technology (IT) controls is still an ongoing effort.

Internal control environments are improving

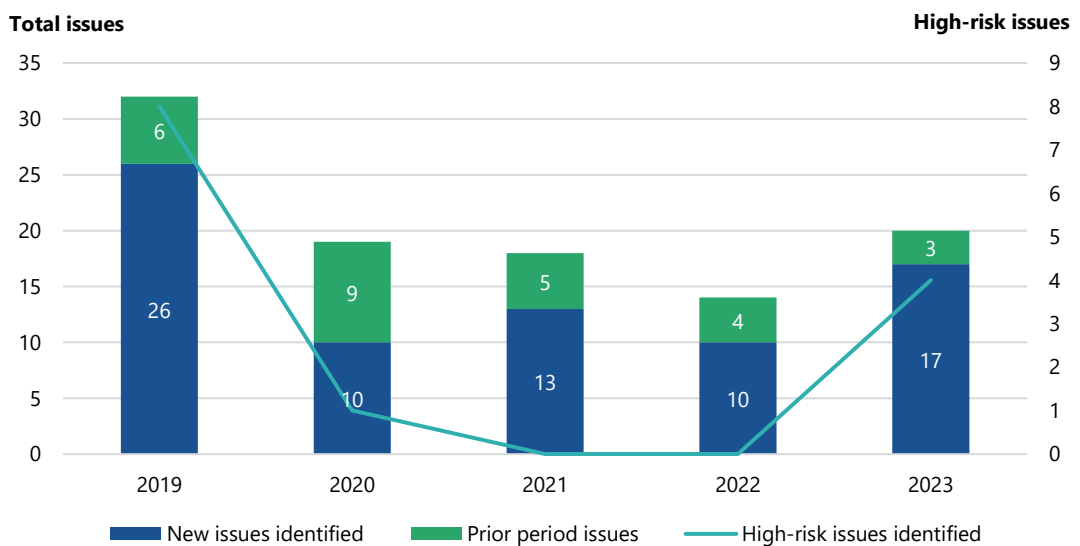
Summary

When designing our audit procedures, we consider the design of internal controls relevant to an entity's financial report. We may then decide to assess the implementation of these controls if efficient to do so.

In 2023, we raised 18 moderate and high-risk new findings across the universities. The universities resolved one current year issue and 11 prior year issues, with only 3 prior year issues being outstanding.

As Figure 14 shows, universities had 17 unresolved newly raised issues in 2023 compared with 10 such issues in 2022. Unresolved prior year issues totalled 3, which is an improvement from 2022, attributable to managements' effort in successfully addressing 11 out of the 14 control weaknesses we found in the previous years.

Figure 14: Unresolved new and prior period issues from 2019 to 2023



Note: We excluded low-risk issues because we consider them as minor or opportunities to improve controls. The issues are based on a 3-tier risk rating per Appendix F.
Source: VAGO.

IT issues remain the key challenge

High-risk issues We found 4 high-risk issues in 2023, compared with none in the previous 2 years. All issues related to IT systems. Two issues relate to managing system access and 2 issues relate to managing

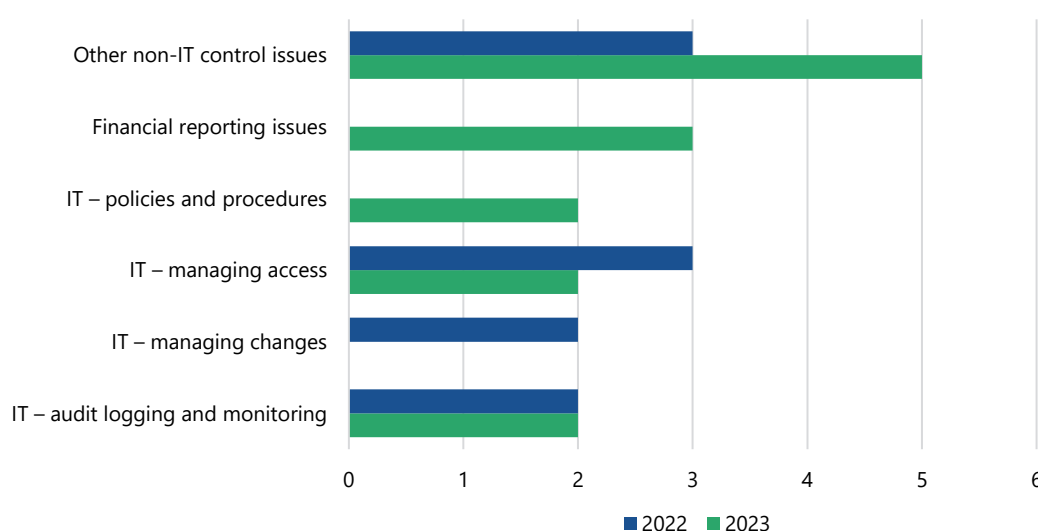
changes. These continue to be the most commonly found IT control weakness across all universities and we have summarised the causes below.

We found issues related to ...	Which are caused by ...	Which are important because ...
controlling who has access to IT systems	<ul style="list-style-type: none"> not regularly reviewing who has access, including ensuring former staff have their access removed not ensuring only the minimum required number of people have a special level of system access that allows them to make changes or access things other users cannot 	these prevent users that either should not have access, or should have less access, from inadvertently or deliberately altering the system or of having access to data.
managing changes to the configuration of systems	a lack of formal, documented process configuration and change management processes	these controls ensure that a security weakness is not inadvertently or deliberately added into a system while it is being configured.

Moderate-risk issues

Figure 15 describes the common moderate-risk issues we detected across the universities by category. Compared with 2022, most of the issues found related to finance practices, including inadequate policies and procedures, and staff not following existing policies and procedures.

Figure 15: Moderate-rated IT and non-IT control issues we identified by type in 2022 and 2023



Source: VAGO.

Three of the unresolved issues were originally found in 2022 or prior. They all relate to IT systems. IT issues can take longer to resolve as they often need aid from software developers or through moving to new systems. But it is important that universities have compensating controls in place while waiting to implement these rectifications or move over to new systems.

While pleasing that universities are reducing the number of unresolved older issues, they should continue to prioritise closing these as soon as possible.

Recommendation

Universities with outstanding prior period issues

We recommend that universities with unresolved IT control weaknesses:

- review the actions and timelines established to resolve these weaknesses, with a focus on risk if left unaddressed and the ageing of the finding
 - for longer-term action plans – such as system replacements – ensure adequate compensating safeguards are in place until the actions can be finalised.
-

Appendices

[Appendix A: Submissions and comments](#)

[Appendix B: Sector context](#)

[Appendix C: Audit opinions](#)

[Appendix D: Our audit approach](#)

[Appendix E: Abbreviations, acronyms and glossary](#)

[Appendix F: Control issue risk ratings](#)

[Appendix G: Financial and non-financial sustainability indicators](#)

Appendix A:

Submissions and comments

We have consulted with the Department of Jobs, Skills, Industry and Regions, the Department of Treasury and Finance and the 8 public universities in Victoria, and we considered their views when reaching our audit conclusions. As required by the *Audit Act 1994*, we gave a draft copy of this report, or relevant extracts, to those agencies and asked for their submissions and comments.

Responsibility for the accuracy, fairness and balance of those comments rests solely with the agency head.

Responses received

Agency	Page
Department of Jobs, Skills, Industry and Regions	A-2



Department of Jobs, Skills, Industry and Regions

GPO Box 4509
Melbourne, Victoria 3001 Australia
Telephone: +61 3 9651 9999

Ref: BSEC-2-24-38429

Mr Andrew Greaves
Auditor General
Victorian Auditor-General's Office
[REDACTED]

Dear Auditor-General

**DEPARTMENT RESPONSE TO DRAFT VAGO REPORT – RESULTS OF 2023 AUDITS:
UNIVERSITIES**

Thank you for your correspondence of 20 May 2024 inviting the Department of Jobs, Skills, Industry and Regions (the department) to provide submissions or comments on the proposed report on *Results of 2023 Audits: Universities*.

The department welcomes the report and its findings. I note your conclusion that the financial reports of the universities and their controlled entities are reliable, and I support the recommendation made.

The 8 university Acts contain no general Ministerial power of direction over universities. The legislative responsibilities of the Victorian Minister for Skills and TAFE under the Acts are limited to making some Council appointments, approving the acquisition, disposal and leasing of some land, approving certain commercial activities, and approving the amendment of university statutes. I therefore support, rather than formally accept, the recommendation in the report.

I would like to take this opportunity to recognise the work of VAGO and the Victorian universities that has led to the clear audit opinions for all Victorian universities this year.

If your team would like to discuss this matter further, you may contact Ms Laura Lo Bianco-Smith, Executive Director, ACFE, Higher Education and Workforce, Department of Jobs, Skills, Industry and Regions, on [REDACTED] or by email: [REDACTED]
[REDACTED]

Yours sincerely

[REDACTED]

Tim Ada
Secretary

27/05/2024



Appendix B: Sector context

The sector at a glance

Figure B1: The sector at a glance



Source: VAGO.

Public universities in Victoria

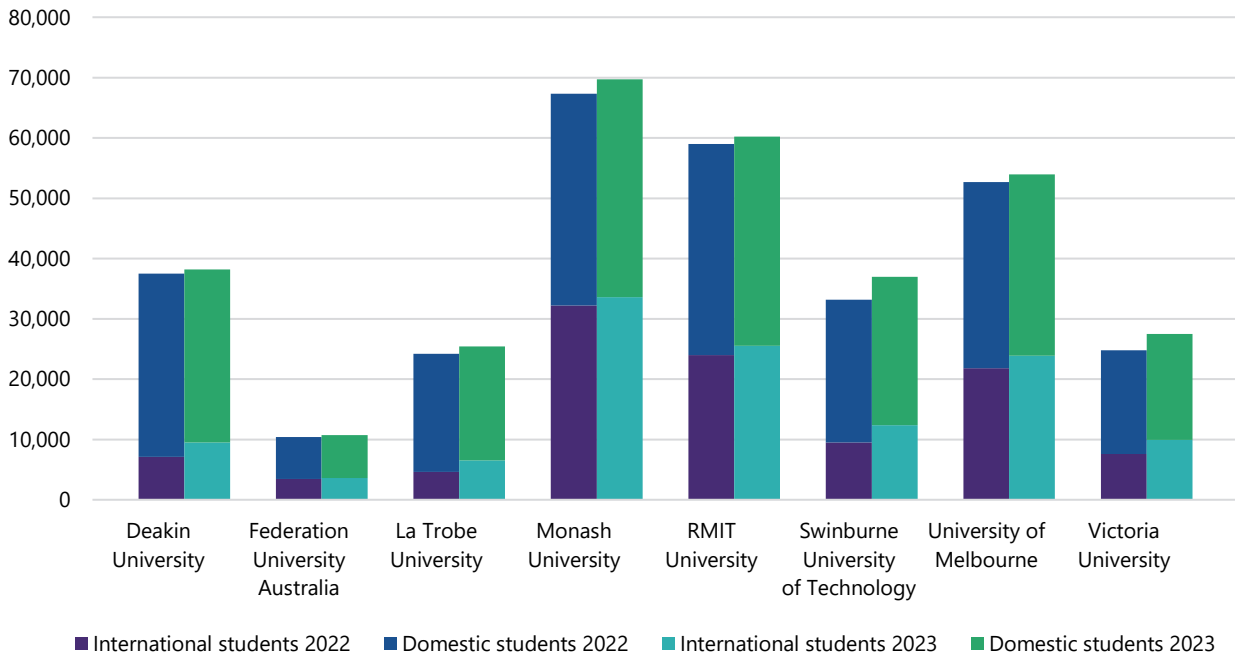
Victoria's public university sector is made up of 8 universities and the 46 entities they control. They deliver higher education and do research at a range of campuses across the state.

Victoria's 2 largest universities – Monash University and the University of Melbourne – are members of the Group of Eight.

This report excludes private universities (such as Australian Catholic University, University of Divinity, The Australian National University and Torrens University Australia), and other universities that the Australian Government or other states control. This report also excludes any of the universities' controlled entities that are not established in Australia, other than that their balances and transactions form part of the consolidated financial statements of the universities. This is because VAGO is not required to audit these entities as per each university's enabling legislation.

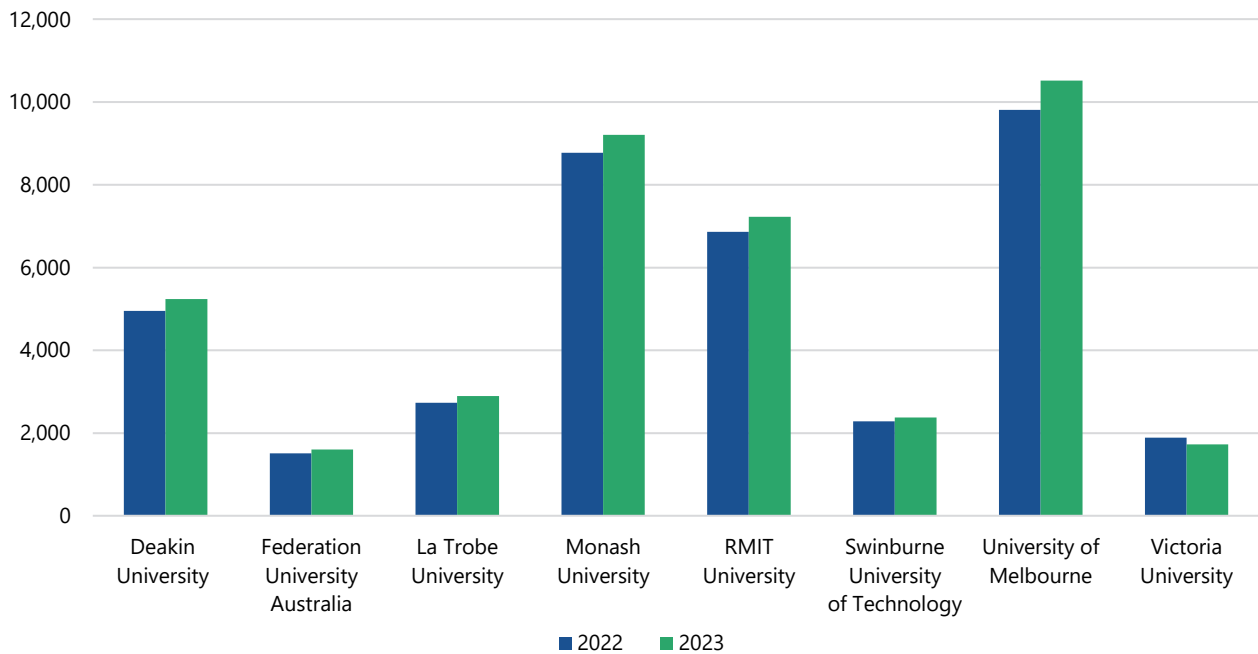
Figures B2 and B3 show Victorian public universities' student and staff numbers.

Figure B2: Universities' student numbers by EFTSL for 2022 and 2023



Source: The EFTSL numbers used in the above figure were provided by the respective university and are unaudited.

Figure B3: Universities' staff numbers by FTE for 2022 and 2023



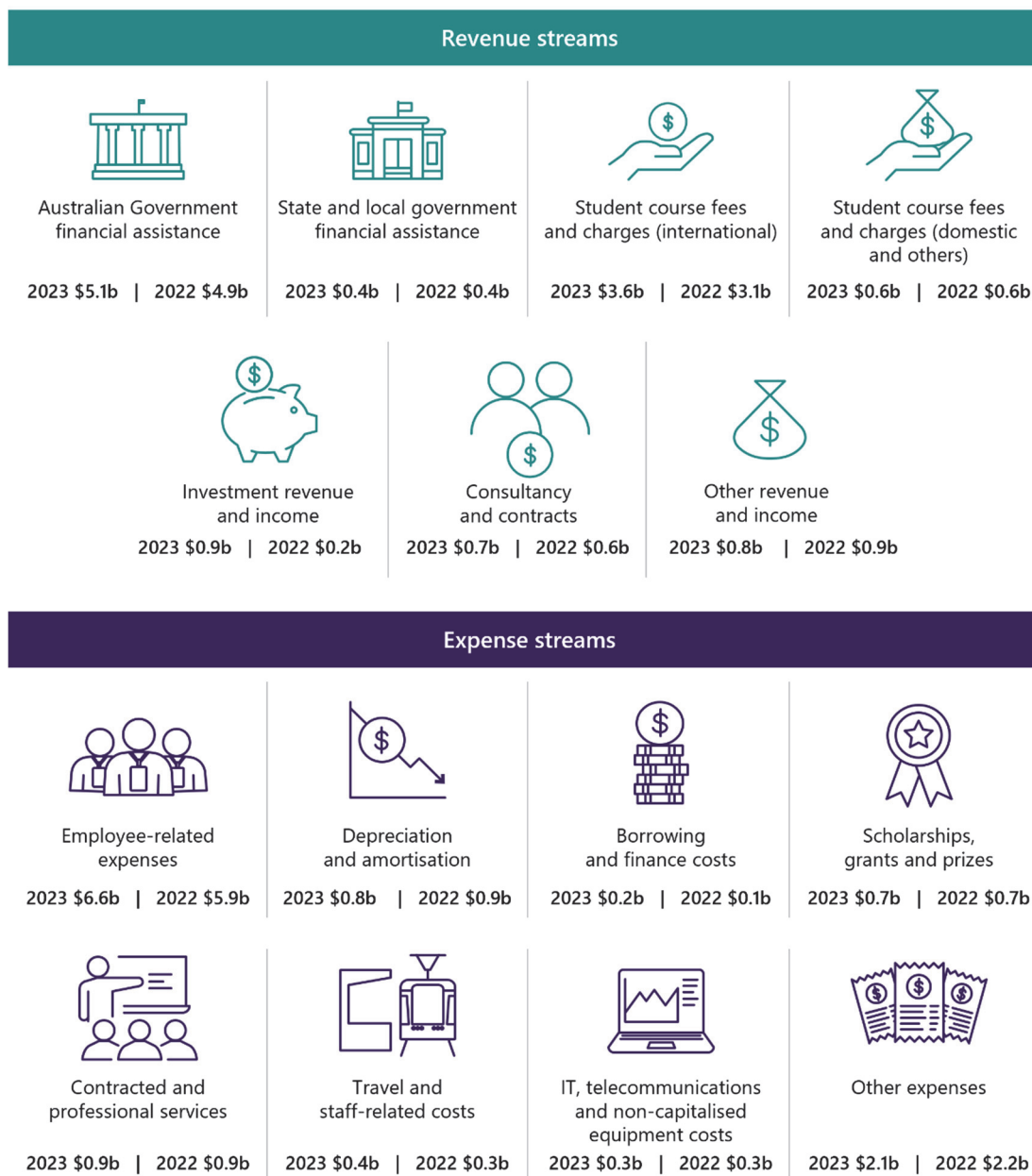
Note: Number of employees includes full-time, part-time and casual academic and non-academic staff.

Source: The FTE numbers used in the above figure were provided by the respective university and are unaudited.

The university sector's financial model

Revenue and expense streams

Figure B4: Universities' key revenue and expense streams for 2022 and 2023



Note: Figures have been rounded.
Source: VAGO.

Universities' revenue sources and assets

The university sector's revenue comes from:

- Australian Government student funding (based on student numbers) and other financial assistance
- state and local government grants, including government research and capital grants
- student fees and charges
- investment income from its cash and investments, including fair value gains
- fees for contract research and consultancy
- other revenue, such as donations, bequests and non-government grants.

Most of the sector's assets are the property, plant and equipment it needs to deliver its services, followed by its cash and investments.

Universities' spending and liabilities

The sector spends most of its money on:

- employee salaries, wages and other benefits
- depreciation and amortisation
- borrowing and finance costs
- scholarships, grants, prizes and donations
- contracted and professional services, agent costs and partnership costs
- travel, staff-related and other administrative costs
- IT, communication and non-capitalised equipment costs
- other expenses, including repair and maintenance.

Borrowings and lease liabilities are the sector's largest liabilities. Revenue and income in advance, employee benefits provisions and accounts payable equally make up the rest.

Legislative and financial reporting framework

Applicable Victorian Acts

In Victoria, public universities are established by their own legislation. The *Financial Management Act 1994* defines them as public bodies and they must follow its requirements for preparing financial reports. This includes the requirement to give us their draft financial reports within 8 weeks after the end of the year.

However, since the State of Victoria does not control universities, the Annual Financial Report of the State of Victoria does not include their financial results.

Australian Government Acts

Universities are registered with the Tertiary Education Quality and Standards Agency. This means the *Tertiary Education Quality and Standards Agency Act 2011* regulates them.

Universities get most of their grant funding from the Australian Government. This means that any Acts associated with this funding apply to them, including the *Higher Education Support Act 2003*.

Universities must follow the financial reporting requirements that underpin these Acts and the financial reporting requirements of their funding agreements for research and other purposes, together with their Victorian requirements.

The *Financial Statement Guidelines for Australian Higher Education Providers*, which all universities follow, outlines the requirements that these 2 Acts prescribe.

The Australian Government instructs universities to include some of these reporting requirements in their financial reports. This means universities' financial reports contain disclosures that are not usually found in general-purpose financial reports.

Universities with charity status

Many universities and their controlled entities are registered charities with the Australian Charities and Not-for-profits Commission. This means they have further financial reporting obligations under the *Australian Charities and Not-for-profits Commission Act 2012*.

Controlled entities

University-controlled entities do not automatically fall within the scope of the *Financial Management Act 1994*. But their parent entity's legislation may require them to prepare financial reports in a manner and form approved by the Assistant Treasurer.

The parent entity's legislation typically requires its Australian controlled entities to submit to us their draft financial reports within 3 months of their balance date.

Appendix C: Audit opinions

Figure C1 lists the Victorian public universities and their Australian controlled entities that VAGO issues an opinion on in this report. It details the type of audit opinions for their 2023 financial reports and the date we issued it to them.

Figure C1: Audit opinions issued for the university sector (year ended 31 December 2023) as at 15 May 2024

Entity	Financial report	
	Clear audit opinion issued	Audit opinion signed date
Deakin University	✓	28 March 2024
Deakin Residential Services Pty Ltd	✓	2 April 2024
The Institute for Regional Security Ltd	✓	4 April 2024
Unilink Pty Ltd	✓	2 April 2024
Universal Motion Simulator Pty Ltd	✓	2 April 2024
Federation University Australia	✓	26 March 2024
Brisbane Education Services Pty Ltd	N/A	N/A
The School of Mines and Industries Ballarat Limited	N/A	N/A
La Trobe University	✓	22 March 2024
La Trobe Ltd (formerly Unitemps La Trobe Ltd)	✓	14 March 2024
Monash University	✓	22 March 2024
Flex Immunotherapeutics Pty Ltd	N/A	N/A
Gilzrx Pty Ltd	N/A	N/A
Monash College Pty Ltd	✓	12 March 2024
Monash Commercial Pty Ltd	✓	15 March 2024
Monash Investment Holdings Pty Ltd	✓	13 March 2024
Monash Investment Trust	✓	13 March 2024
Monash University Foundation	✓	11 March 2024
Monash University Foundation Pty Ltd	✓	11 March 2024
Monash University Indonesia Limited	✓	12 February 2024
Myostellar Pty Ltd	N/A	N/A
OmegaOne Therapeutics Pty Ltd	N/A	N/A
Phrenix Therapeutics Pty Ltd	N/A	N/A
World Mosquito Program Ltd	✓	28 February 2024

Financial report

Entity	Clear audit opinion issued	Audit opinion signed date
Xcystence Bio Pty Ltd	✓	1 May 2024
RMIT University	✓	19 March 2024
RMIT Holdings Pty Ltd	✓	22 March 2024
RMIT Online Pty Ltd	✓	26 February 2024
RMIT Training Pty Ltd	✓	23 February 2024
Swinburne University of Technology	✓	28 March 2024
Capsular Technologies Pty Ltd	N/A	N/A
National Institute of Circus Arts Limited	N/A	N/A
Swinburne College Pty Ltd	N/A	N/A
Swinburne Intellectual Property Trust	N/A	N/A
Swinburne International (Holdings) Pty Ltd	N/A	N/A
Swinburne Student Amenities Association Ltd	N/A	N/A
Swinburne Ventures Ltd	N/A	N/A
The University of Melbourne	✓	17 March 2024
Australian Music Examinations Board (Victoria) Limited	✓	26 March 2024
Goulburn Valley Equine Hospital Pty Ltd	N/A	N/A
Melbourne Business School Limited	✓	2 April 2024
Melbourne Teaching Health Clinics Ltd	N/A	N/A
Melbourne University Publishing Limited	✓	15 May 2024
Mt Eliza Graduate School of Business and Government Limited	✓	2 April 2024
Nossal Institute Limited	✓	2 April 2024
UM Commercialisation Pty Ltd	N/A	N/A
UM Commercialisation Trust	N/A	N/A
UOM Commercial Ltd	N/A	N/A
UOM International Holdings Limited	N/A	N/A
Victoria University	✓	26 March 2024
Victoria University Enterprises Pty Ltd	✓	28 March 2024
VU Online Pty Ltd	✓	4 April 2024

Note: N/A = not applicable, audit still in progress.
Source: VAGO.

Appendix D:

Our audit approach

Our method

We conduct our financial audits of the university sector in accordance with the *Audit Act 1994* and the Australian Auditing Standards. As part of an audit, we:

- identify and assess the financial report's risks of material misstatement (whether due to error or fraud)
- design and perform audit procedures to respond to those risks
- obtain sufficient and appropriate audit evidence to provide a basis for an opinion.

We also:

- investigate internal controls relevant to the audit so we can design appropriate audit procedures for the circumstances
- evaluate whether the entity's accounting policies are appropriate
- evaluate whether the accounting estimates and related disclosures in the entity's financial report are reasonable
- decide if it is appropriate to use the going concern basis of accounting
- evaluate the overall presentation, structure and content of the financial report, including its disclosures
- assess whether the financial report represents the underlying transactions and events in a way that achieves fair presentation.

Going concern

Going concern means that an entity is expected to be able to pay its debts when they fall due and continue to operate without any intention or need to liquidate or otherwise wind-up its operations.

Our independence

The Auditor-General is:

- an independent officer of the Parliament of Victoria
- appointed under legislation to examine, on behalf of Parliament and taxpayers, how the public sector manages resources
- not subject to control or direction of either Parliament or the government.

Our ethical obligations

The Auditor-General and staff of VAGO must meet the ethical requirements of the:

- Australian Auditing Standards
- Accounting Professional and Ethical Standards Board's APES 110 *Code of Ethics for Professional Accountants*
- *Code of Conduct for Victorian Public Sector Employees of Special Bodies*
- *Public Administration Act 2004*.

We also provided a copy of the report to the Department of Premier and Cabinet.

Our costs

This report and its supporting dashboard cost \$160,000 and were funded by parliamentary appropriation.

Appendix E: Abbreviations, acronyms and glossary

Acronyms We use the following acronyms in this report:

Acronym

ATO	Australian Tax Office
EFTSL	equivalent full-time student load
FTE	full-time equivalent
IT	information technology
VAGO	Victorian Auditor-General's Office

Glossary This glossary includes an explanation of the types of engagements we perform:

Term

Reasonable assurance	We achieve reasonable assurance by obtaining and verifying direct evidence from a variety of internal and external sources about an agency's performance. This enables us to express an opinion or draw a conclusion against an audit objective with a high level of assurance. We call these audit engagements. See our assurance services fact sheet for more information.
Limited assurance	We obtain less assurance when we rely primarily on an agency's representations and other evidence generated by that agency. However, we aim to have enough confidence in our conclusion for it to be meaningful. We call these types of engagements assurance reviews and typically express our opinions in negative terms. For example, that nothing has come to our attention to indicate there is a problem. See our assurance services fact sheet for more information.
Clear audit opinion	A 'clear' or 'unmodified' audit opinion means we have reviewed an entity's financial report and believe it is reliable and complies with relevant reporting requirements.
Controlled entity	A controlled entity is an entity that another party has the power to govern and make financial and operating decisions about.
Consolidated financial report	The financial report of a group in which the assets, liabilities, equity, income, expenses and cash flows of the parent and its subsidiaries are presented as those of a single economic entity.
COVID-19	COVID-19 is a highly contagious respiratory illness caused by the novel coronavirus SARS-CoV-2, which emerged in late 2019.
Depreciation and amortisation	Depreciation and amortisation are when an entity spreads the cost of a long-term asset (either tangible or intangible) over the period of time that it plans to use it.
Enterprise bargaining agreement	An enterprise bargaining agreement is a negotiated agreement between an employer and its employees (usually through a union) that sets out wages, working conditions and other employment terms specific to that workplace.
EFTSL	One EFTSL represents one full-time study load for one year. Universities calculate EFTSL as per the <i>Higher Education Support (Administration) Guidelines 2022</i> .

Term

Fair value or fair value accounting	Fair value accounting is when an entity values an asset based on its current price in the market. The entity also needs to consider how future events and conditions could affect the asset's value.
Fair value gains or losses on investments	<p>Universities can choose to record changes in the fair value for some of their investments in their net result when they happen or when they sell the asset.</p> <p>Most universities record these changes in fair value within their net result for the year. They do this even if they have not sold the investment. This means their net result is susceptible to changes in fair value each year.</p> <p>When an investment's fair value goes up, it is called a fair value gain. When an investment's fair value goes down, it is called a fair value loss.</p>
Franking credit	Franking credits are tax credits that come with dividends paid by Australian companies. These credits represent the tax the company has already paid on its profits. Shareholders can use these credits to reduce their own tax liabilities, including to an amount below zero (a tax refund).
FTE	An FTE staff member represents the workload of one full-time employee. It is calculated based on the total hours worked by part-time employees or those with varied work schedules to equate to the hours of one full-time employee.
Going concern	Going concern means that an entity is expected to be able to pay its debts when they fall due and continue to operate without any intention or need to liquidate or otherwise wind-up its operations.
Group of Eight	<p>According to its website, the Group of Eight 'comprises Australia's leading research-intensive universities – the University of Melbourne, the Australian National University, the University of Sydney, the University of Queensland, the University of Western Australia, the University of Adelaide, Monash University and UNSW Sydney'.</p> <p>It further states the Group of Eight is 'focussed on, and is a leader in, influencing the development and delivery of long-term sustainable national higher education and research policy, and in developing elite international alliances and research partnerships'.</p>
Intangibles or intangible assets	An intangible asset is a non-financial asset without physical substance. It is controlled by an entity and is expected to generate future economic benefits. Examples includes software and patents.
Lease liabilities	Leases are contractual arrangements granting the right to use an asset in exchange for payments over an agreed period. The value of payments owed under these arrangements are lease liabilities.
Liquid assets	A liquid asset is an asset that an entity can easily change to cash. It includes cash equivalents such as term deposits, current assets and non-current investments such as listed shares and managed funds redeemable at call.
Material	We consider an error material if misstating it or not including it could influence a user's decision or understanding.
Misstatement	Misstatement means a difference between the amount, classification, presentation or disclosure of a reported financial report item and the amount, classification, presentation or disclosure that is required for the item to be in accordance with the applicable financial reporting framework.
Operating cashflows	Operating cashflows include cash that an entity gets from its core business activities, such as receipts from students and the Australian Government, and payments it makes to run these activities, such as payments to suppliers and employees.
Revenue and income	<p>Revenue is money or a benefit that an entity gets through a contract with another party. The entity records revenue when it fulfils its commitments in the contract. For example, when a university has delivered tuition to a student.</p> <p>Income is money or a benefit that an entity gets from any other source. In most cases, the entity records income immediately when it receives it. For example, when a university gets a cash donation or when one of its investments goes up in value.</p>

Appendix F:

Control issue risk ratings

Figure F1 shows the risk ratings we apply to issues. We raise these issues with entities in management letters. The figure also explains what these ratings represent and the timeframe we expect entities to resolve issues within.

Figure F1: Risk definitions we apply to issues we raise in audit management letters

Rating	Definition	Management action required
High	<p>The issue represents:</p> <ul style="list-style-type: none"> a material misstatement in the financial report that has occurred, or an issue that could potentially result in a modified audit opinion if not addressed as a matter of urgency by the entity, or a control weakness that could cause or is causing a major disruption of the process or the entity's ability to achieve process objectives in relation to financial reporting and comply with relevant legislation. 	<p>Requires executive management to correct the misstatement in the financial report, or address the issue, as a matter of urgency to avoid a modified audit opinion.</p> <p>Requires immediate management intervention with a detailed action plan to be implemented within one month.</p>
Moderate	<p>The issue represents:</p> <ul style="list-style-type: none"> a misstatement in the financial report that is not material and has occurred, or that may occur, the impact of which has the possibility to be material, or a control weakness that could have or is having a moderate adverse effect on the ability to achieve process objectives and comply with relevant legislation. 	<p>Requires management intervention with a detailed action plan implemented within 3 to 6 months.</p>
Low	<p>The issue represents:</p> <ul style="list-style-type: none"> a misstatement in the financial report that is likely to occur but is not expected to be material, or a minor control weakness with minimal but reportable impact on the ability to achieve process objectives and comply with relevant legislation, or an opportunity to improve an existing process or internal control. 	<p>Requires management intervention with a detailed action plan implemented within 6 to 12 months.</p>

Source: VAGO.

Appendix G: Financial and non-financial sustainability indicators

Figure G1 shows the financial and non-financial indicators used to assess the financial sustainability risks of universities. These indicators should be considered collectively and are more useful when assessed over time as part of a trend analysis.

Our analysis of financial sustainability risk in this report reflects on the position of each university and its controlled entities (each consolidated university).

We have published the underlying raw data and each universities' results for each indicator from 2019 to 2023 as part of our interactive data dashboard on our website (<https://www.audit.vic.gov.au/report/results-2023-audits-universities>).

Figure G1: Financial sustainability indicators, formulas and descriptions

Indicator	Formula	Description
Net result margin (%)	Net result / total revenue and income	<ul style="list-style-type: none"> A positive result indicates a surplus and the larger the percentage, the stronger the result. A negative result indicates a deficit. Operating deficits cannot be sustained in the long term. The net result and total revenue are obtained from the comprehensive operating statement.
Net result margin before fair value gains and losses on investments (%)	Net result before fair value gains and losses on investments / total revenue and income before fair value gains and losses on investments	<ul style="list-style-type: none"> A positive result indicates a surplus and the larger the percentage, the stronger the result. A negative result indicates a deficit. Unlike the net result margin, this excludes fair value gains and losses on investments, which can be outside management's control.
Operating cash margin (%)	Net cash flow from operating activities / total operating cash inflows	<ul style="list-style-type: none"> A positive result indicates a cash surplus from operations and the larger the percentage, the stronger the result. A negative result indicates a deficit. This ratio focuses on cash returns and excludes any accounting only adjustments.
Adjusted liquidity (ratio)	Current assets + non-current financial assets / current liabilities	<ul style="list-style-type: none"> Liquidity ratio adjusted to include non-current financial assets. Non-current financial assets are typically liquid, meaning universities can convert most of these into cash at short notice and use them to meet any liabilities if needed. The ratio should ideally be above one, indicating that there are sufficient liquid assets to meet short-term liabilities.
EFTSL to employee FTE (ratio)	Total EFTSL / total FTE employees	<ul style="list-style-type: none"> This measures the adequacy of available resources per student load. This shows how many staff FTE, both academic and otherwise, a university employs for each EFTSL student it teaches.

Source: VAGO.

Auditor-General's reports tabled during 2023–24

Report title	Tabled
<i>Cybersecurity: Cloud Computing Products</i> (2023–24: 1)	August 2023
<i>Responses to Performance Engagement Recommendations: Annual Status Update 2023</i> (2023–24: 2)	August 2023
<i>Eloque: the Joint Venture Between DoT and Xerox</i> (2023–24: 3)	October 2023
<i>Domestic Building Oversight Part 1: Regulation</i> (2023–24: 4)	November 2023
<i>Employee Health and Wellbeing in Victorian Public Hospitals</i> (2023–24: 5)	November 2023
<i>Reducing the Illegal Disposal of Asbestos</i> (2023–24: 6)	November 2023
<i>Auditor-General's Report on the Annual Financial Report of the State of Victoria: 2022–23</i> (2023–24: 7)	November 2023
<i>Contractors and Consultants in the Victorian Public Service: Spending</i> (2023–24: 8)	November 2023
<i>Major Projects Performance Reporting 2023</i> (2023–24: 9)	November 2023
<i>Fair Presentation of Service Delivery Performance 2023</i> (2023–24: 10)	November 2023
<i>Reducing the Harm Caused by Drugs on Victorian Roads</i> (2023–24: 11)	December 2023
<i>Results of 2022–23 Audits: Local Government</i> (2023–24: 12)	March 2024
<i>Withdrawal from 2026 Commonwealth Games</i> (2023–24: 13)	March 2024
<i>Follow-up of Management of the Student Resource Package</i> (2023–24: 14)	May 2024
<i>Literacy and Numeracy Achievement Outcomes for Victorian Students</i> (2023–24: 15)	May 2024
<i>Guardianship and Decision-making for Vulnerable Adults</i> (2023–24: 16)	May 2024
<i>Domestic Building Oversight Part 2: Dispute Resolution</i> (2023–24: 17)	June 2024
<i>Planning Social Housing</i> (2023–24: 18)	June 2024
<i>Effectiveness of the Tutor Learning Initiative</i> (2023–24: 19)	June 2024
<i>Assuring the Integrity of the Victorian Government's Procurement Activities</i> (2023–24: 20)	June 2024
<i>Effectiveness of Arterial Road Congestion Initiatives</i> (2023–24: 21)	June 2024
<i>Metro Tunnel Project: Phase 3 – Systems Integration, Testing and Commissioning</i> (2023–24: 22)	June 2024
<i>Access to Emergency Healthcare</i> (2023–24: 23)	June 2024
<i>Managing State-significant Risks</i> (2023–24: 24)	June 2024
<i>Results of 2023 Audits: Universities</i> (2023–24: 25)	June 2024

All reports are available for download in PDF and HTML format on our website at <https://www.audit.vic.gov.au>

Our role and contact details

The Auditor-General's role

For information about the Auditor-General's role and VAGO's work, please see our online fact sheet [About VAGO](#).

Our assurance services

Our online fact sheet [Our assurance services](#) details the nature and levels of assurance that we provide to Parliament and public sector agencies through our work program.

Contact details

Victorian Auditor-General's Office
Level 31, 35 Collins Street
Melbourne Vic 3000
AUSTRALIA

Phone +61 3 8601 7000

Email enquiries@audit.vic.gov.au
