



Australian Government

Department of Education and Training

Empowering the next generation with even more international education data

Steve Nerlich



Australian Government

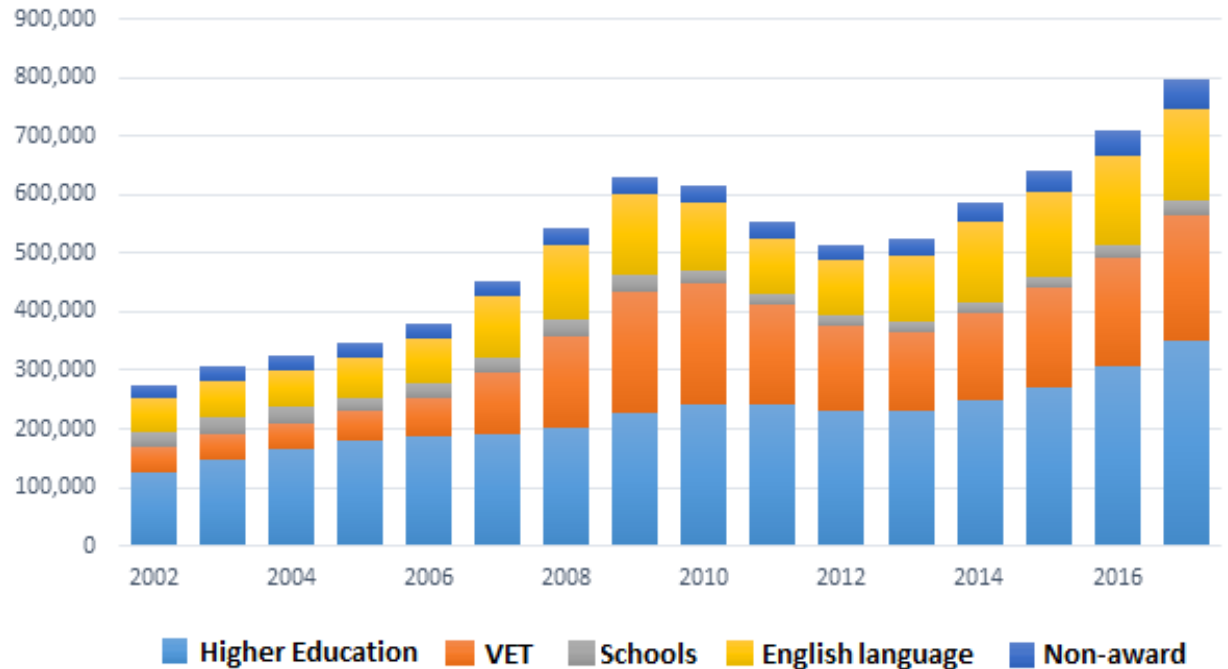
Department of Education and Training

Part 1: More data

Enrolments and students

In 2017, there were **624,001** international students on a student visa who generated **799,371** enrolments

International student enrolments



Go to: internationaleducation.gov.au

- Data and research
- Data visualisations

Sign in Options

Australian Government
Department of Education and Training

Opportunity through learning

Home News International network ESOS framework **Data and research** Qualifications recognition Endeavour About us My account

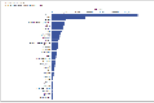
Data visualisations

Data visualisations to explore the international student demographics at Australian institutions.
JavaScript must be enabled on the browser.

- International student data
- Data visualisations**
- Research snapshots
- Research papers
- Other international data
- Offshore education data
- Australian students overseas
- Archived data


Student numbers

A graph showing actual student numbers on a student visa in Australia by nationality and state. Data can be disaggregated by state, and the user can toggle between the current and last years' data.




Where do international students come from and what do they study?

An overview of where international students studying in Australia on a student visa come from and what they are studying here.



International student enrolments by Australian Statistical Geography Standard (ASGS) SA4 region


The geographic areas (categorized by ASGS SA4 Level) where international enrolments and commencements are in Australia can be explored by this data visualisation. The regional data is updated monthly with each release of the international student data.



Student location map


(Warning: 20MB data download)

A map showing the distribution of international student enrolments across Australia. Enrolments data can be disaggregated by nationality and education sector.



Pathways of international students while studying on a student visa

Pathways of international students while on a student visa. Various pathways can be downloaded, including pathways post ELICOS, post Schools, prior to VET and prior to Higher Education. Pathways cohorts can be examined by nationality. The pathways data is updated monthly with each release of the international student data.



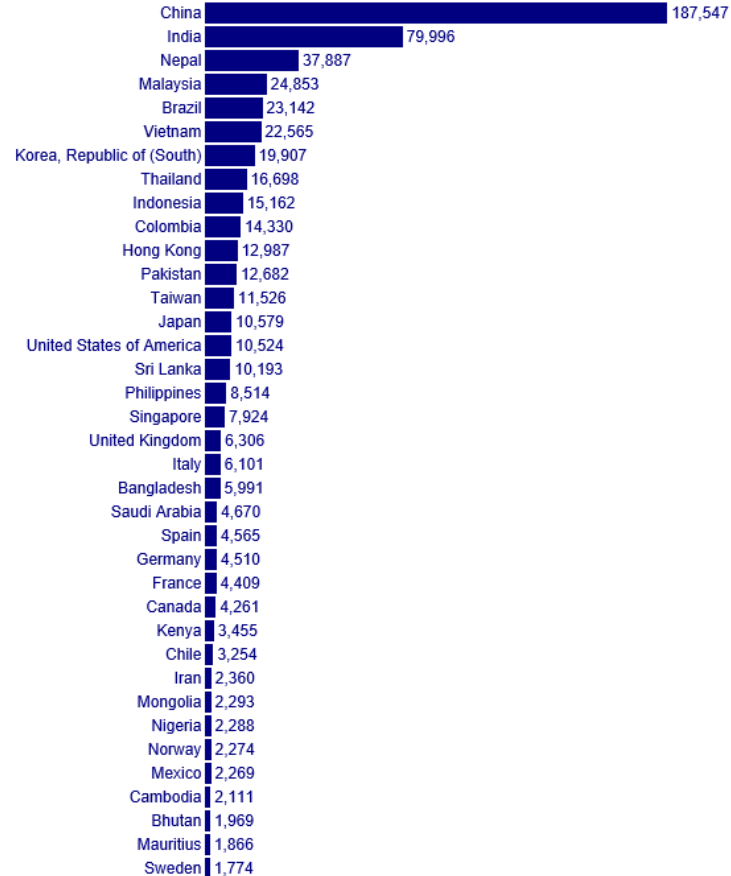
Contact us Coovriht Disclaimer Privacy Terms of Use FOI Feedback

Student numbers

2018 Jul Australia

626,988 students in Australia

Share: 100%, Growth: 11%
January-July 2018



The drop down menu lets you pick Australia and all states and territories.

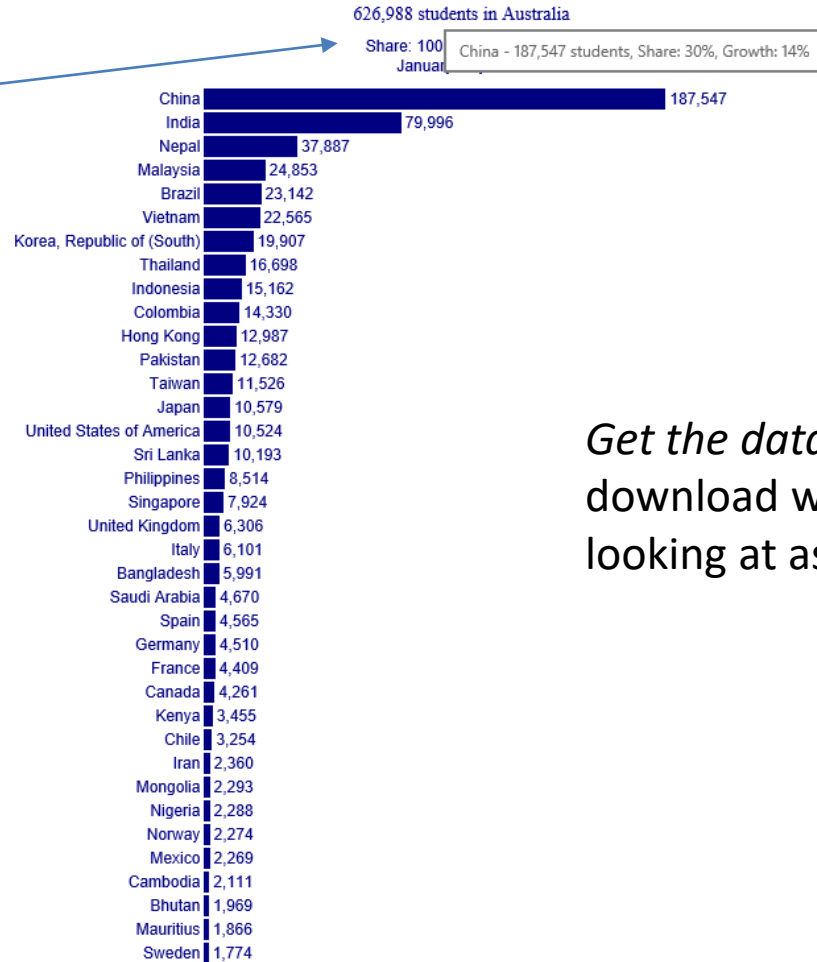
And it lets you pick the previous full year (currently 2017)

Student numbers

2018 ▾ Jul ▾ Australia ▾

[Get the data](#)

Mouse-hover over a country to get its share and growth rate on previous period.



Get the data let's you download what you are looking at as a csv file.

Go to: internationaleducation.gov.au

- Data and research
- Data visualisations

Sign in Options

Australian Government
Department of Education and Training
Opportunity through learning

Home News International network ESOS framework **Data and research** Qualifications recognition Endeavour About us My account

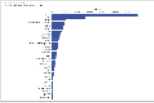
Data visualisations

Data visualisations to explore the international student demographics at Australian institutions.
JavaScript must be enabled on the browser.

- International student data**
- Data visualisations**
- Research snapshots
- Research papers
- Other international data
- Offshore education data
- Australian students overseas
- Archived data


Student numbers

A graph showing actual student numbers on a student visa in Australia by nationality and state. Data can be disaggregated by state, and the user can toggle between the current and last years' data.




Where do international students come from and what do they study?

An overview of where international students studying in Australia on a student visa come from and what they are studying here.




International student enrolments by Australian Statistical Geography Standard (ASGS) SA4 region

The geographic areas (categorized by ASGS SA4 Level) where international enrolments and commencements are in Australia can be explored by this data visualisation. The regional data is updated monthly with each release of the international student data.




Student location map

(Warning: 20MB data download)
A map showing the distribution of international student enrolments across Australia. Enrolments data can be disaggregated by nationality and education sector.



Pathways of international students while studying on a student visa

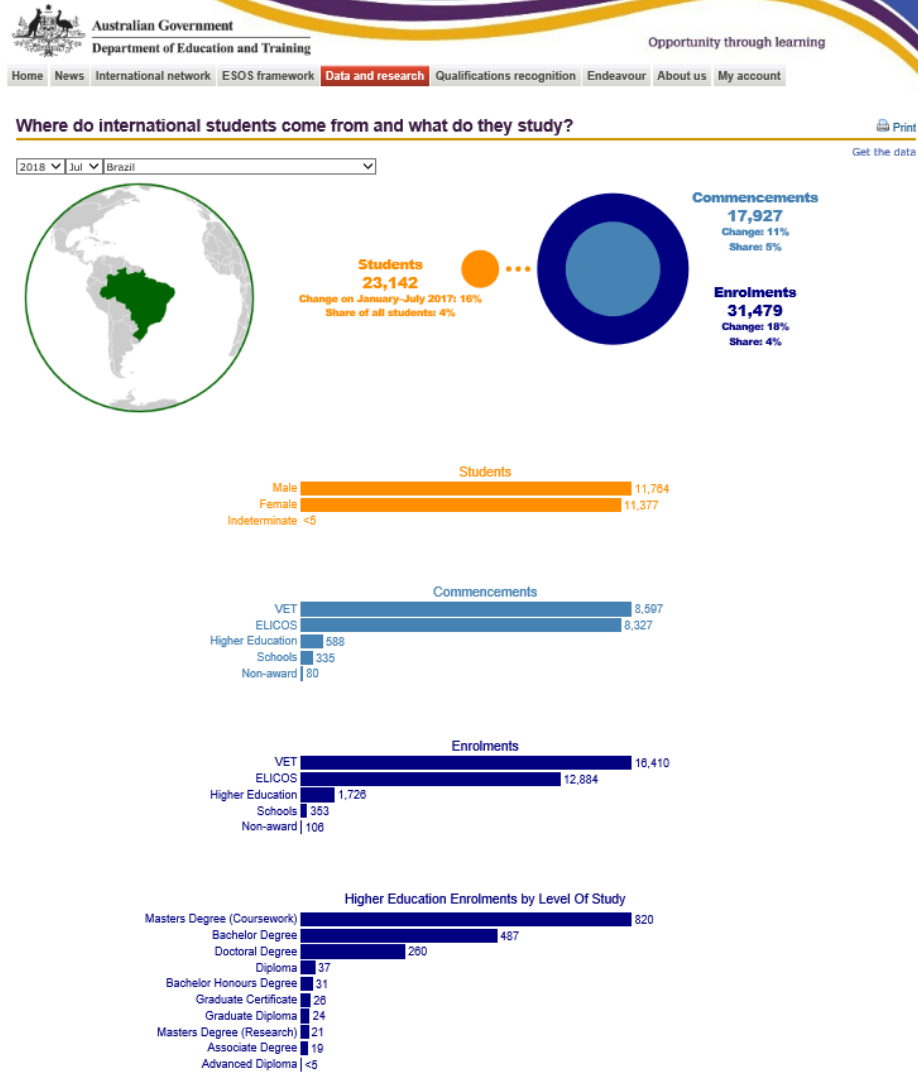
Pathways of international students while on a student visa. Various pathways can be downloaded, including pathways post ELICOS, post Schools, prior to VET and prior to Higher Education. Pathways cohorts can be examined by nationality. The pathways data is updated monthly with each release of the international student data.



Contact us Coovrht Disclaimer Privacy Terms of Use FOI Feedback

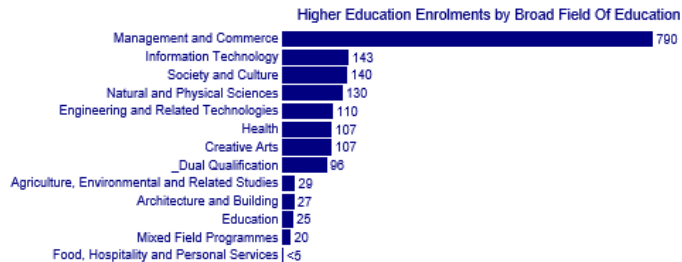
A complete report card look at each of over 200 source countries with students, enrolments and commencements.

You can also select last full year and *get the data*.

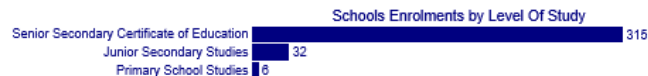
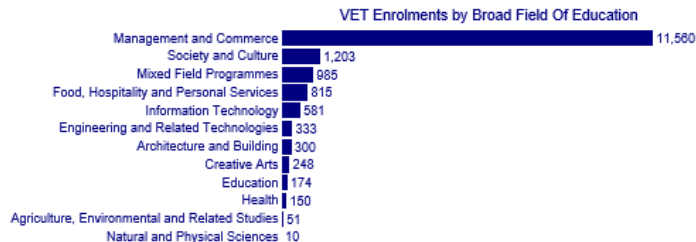
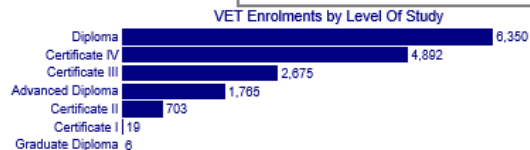


Keep scrolling down for each country's, fields of education and levels of study.

And you can mouse-hover to get share and growth figures.



Diploma - 6,350 enrolments, Share: 39%, Growth: 38%



Go to: internationaleducation.gov.au

- Data and research
- Data visualisations

Sign in Options

Australian Government
Department of Education and Training
Opportunity through learning

Home News International network ESOS framework **Data and research** Qualifications recognition Endeavour About us My account

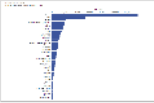
Data visualisations

Data visualisations to explore the international student demographics at Australian institutions.
JavaScript must be enabled on the browser.

- International student data**
- Data visualisations**
- Research snapshots
- Research papers
- Other international data
- Offshore education data
- Australian students overseas
- Archived data


Student numbers

A graph showing actual student numbers on a student visa in Australia by nationality and state. Data can be disaggregated by state, and the user can toggle between the current and last years' data.




Where do international students come from and what do they study?

An overview of where international students studying in Australia on a student visa come from and what they are studying here.




International student enrolments by Australian Statistical Geography Standard (ASGS) SA4 region

The geographic areas (categorized by ASGS SA4 Level) where international enrolments and commencements are in Australia can be explored by this data visualisation. The regional data is updated monthly with each release of the international student data.




Student location map

(Warning: 20MB data download)
A map showing the distribution of international student enrolments across Australia. Enrolments data can be disaggregated by nationality and education sector.



Pathways of international students while studying on a student visa

Pathways of international students while on a student visa. Various pathways can be downloaded, including pathways post ELICOS, post Schools, prior to VET and prior to Higher Education. Pathways cohorts can be examined by nationality. The pathways data is updated monthly with each release of the international student data.



Contact us Coovroht Disclaimer Privacy Terms of Use FOI Feedback



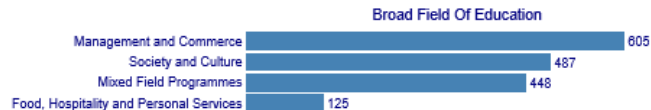
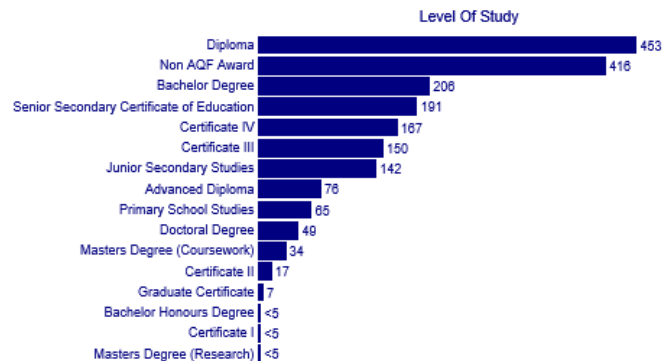
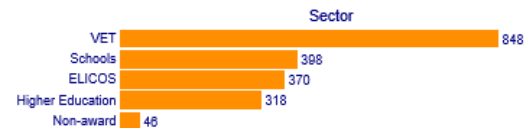
International student enrolments by Australian Statistical Geography Standard (ASGS) SA4 region

Print

Get the data

2018 Jul QLD Cairns Enrolment

1,980 enrolments in Cairns (QLD)
January–July 2018



Student data by region across Australia.

You can:

- Pick state/territory and then region
- Pick enrolments or commencements
- Switch to last full year
- Scroll down for sector, level of study, field of study and source country
- Mouse-hover for share and growth figures.
- *Get the data*

International students in regional areas

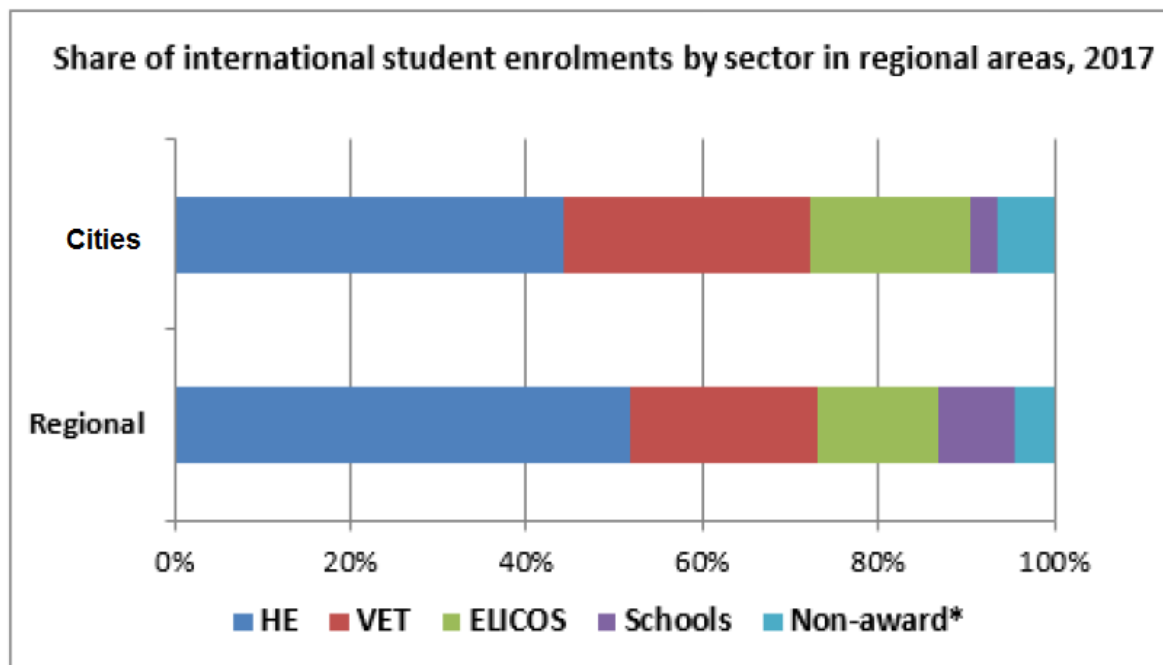
Distribution of international student enrolments in Australia in 2017					
State / Territory	Share (%)		Enrolments		Total
	Major Cities area	Regional area	Major Cities Area	Regional area	
NSW	98.8%	1.2%	292,972	3,585	296,557
VIC	99.1%	0.9%	247,331	2,326	249,657
QLD	94.0%	6.0%	115,605	7,367	122,972
WA	99.6%	0.4%	53,468	228	53,696
SA	99.8%	0.2%	35,657	89	35,746
ACT	100.0%	0.0%	16,910		16,910
TAS	0.0%	100.0%		8,103	8,103
NT	0.0%	100.0%		2,430	2,430
Australia	96.9%	3.1%	761,943	24,128	786,071

International students in regional areas

Top ten regions for international student enrolments in 2017			
State / Territory	Region*	Enrolments	Share (%)
TAS	Hobart	6,702	27.8%
QLD	Cairns	2,685	11.1%
NT	Darwin	2,423	10.0%
QLD	Toowoomba	2,086	8.6%
QLD	Townsville	1,944	8.1%
NSW	Richmond - Tweed	1,458	6.0%
TAS	Launceston and North East	1,385	5.7%
NSW	New England and North West	1,351	5.6%
VIC	Ballarat	1,029	4.3%
VIC	Geelong	416	1.7%
	<i>Other locations</i>	2,649	11.0%
Total		24,128	100.0%

* SA4 regions as derived from the ABS Australian Statistical Geography Standard.

International students in regional areas



* Including foundation and study abroad (exchange program) courses.

Go to: internationaleducation.gov.au

- Data and research
- Data visualisations

Sign in Options

Australian Government
Department of Education and Training

Opportunity through learning

Home News International network ESOS framework **Data and research** Qualifications recognition Endeavour About us My account

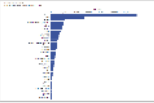
Data visualisations

Data visualisations to explore the international student demographics at Australian institutions.
JavaScript must be enabled on the browser.

- International student data
- Data visualisations**
- Research snapshots
- Research papers
- Other international data
- Offshore education data
- Australian students overseas
- Archived data


Student numbers

A graph showing actual student numbers on a student visa in Australia by nationality and state. Data can be disaggregated by state, and the user can toggle between the current and last years' data.




Where do international students come from and what do they study?

An overview of where international students studying in Australia on a student visa come from and what they are studying here.



International student enrolments by Australian Statistical Geography Standard (ASGS) SA4 region


The geographic areas (categorized by ASGS SA4 Level) where international enrolments and commencements are in Australia can be explored by this data visualisation. The regional data is updated monthly with each release of the international student data.



Student location map


(Warning: 20MB data download)

A map showing the distribution of international student enrolments across Australia. Enrolments data can be disaggregated by nationality and education sector.



Pathways of international students while studying on a student visa

Pathways of international students while on a student visa. Various pathways can be downloaded, including pathways post ELICOS, post Schools, prior to VET and prior to Higher Education. Pathways cohorts can be examined by nationality. The pathways data is updated monthly with each release of the international student data.



Contact us Coovroht Disclaimer Privacy Terms of Use FOI Feedback



Student location:

- Shows location of CRICOS providers, but not their enrolment count (so you can't *get the data*).
- Can highlight regional versus city locations.
- Can select different source countries and education sectors.

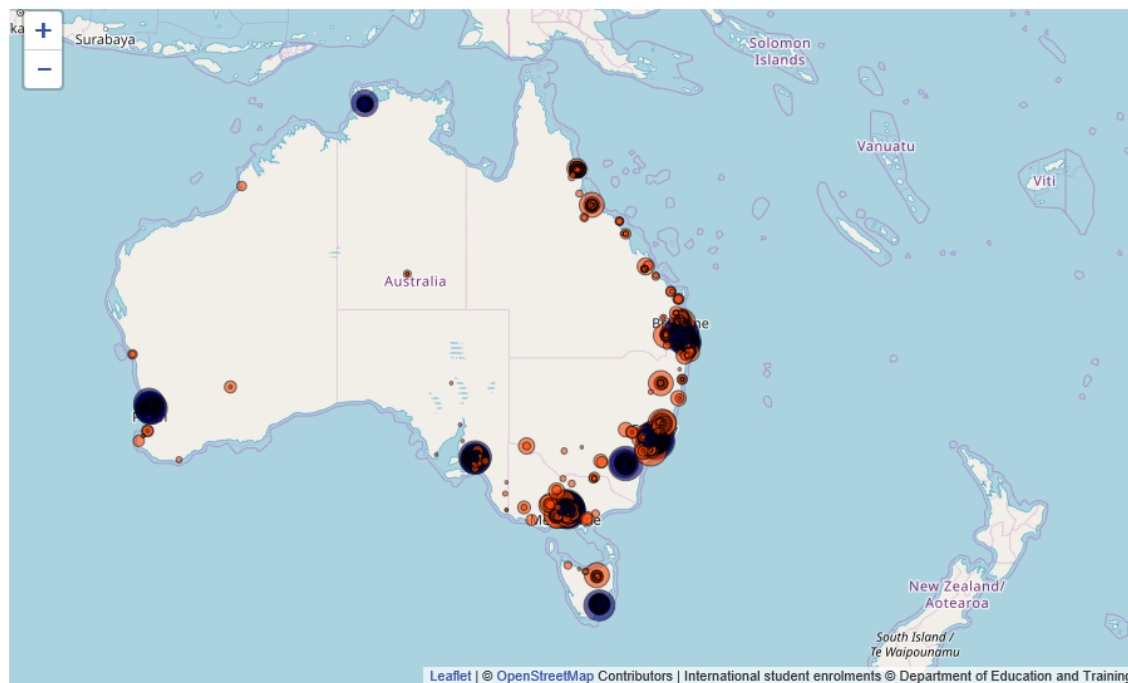
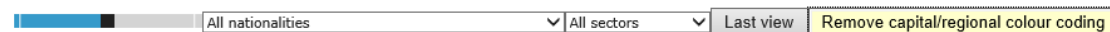
Student location map



Using the latest available international student enrolment data the student's locations can be investigated by nationality and sector. The circles can be sized using the horizontal control. The "Last view" button toggles between the previous selection and the current selection. The "Colour code capital/regional areas" will colour code the circles depending on [Tourism Australia's](#) definition of capital/regional areas.

The size of the circles is based on enrolments. The circles are scaled so that large providers do not visually overwhelm the smaller providers.

To safeguard the privacy of students, any nationality with less than five enrolments in a state or territory are not shown.





Zoom in to anywhere across the country.

Mouse hover identifies the CRICOS provider.

Student location map

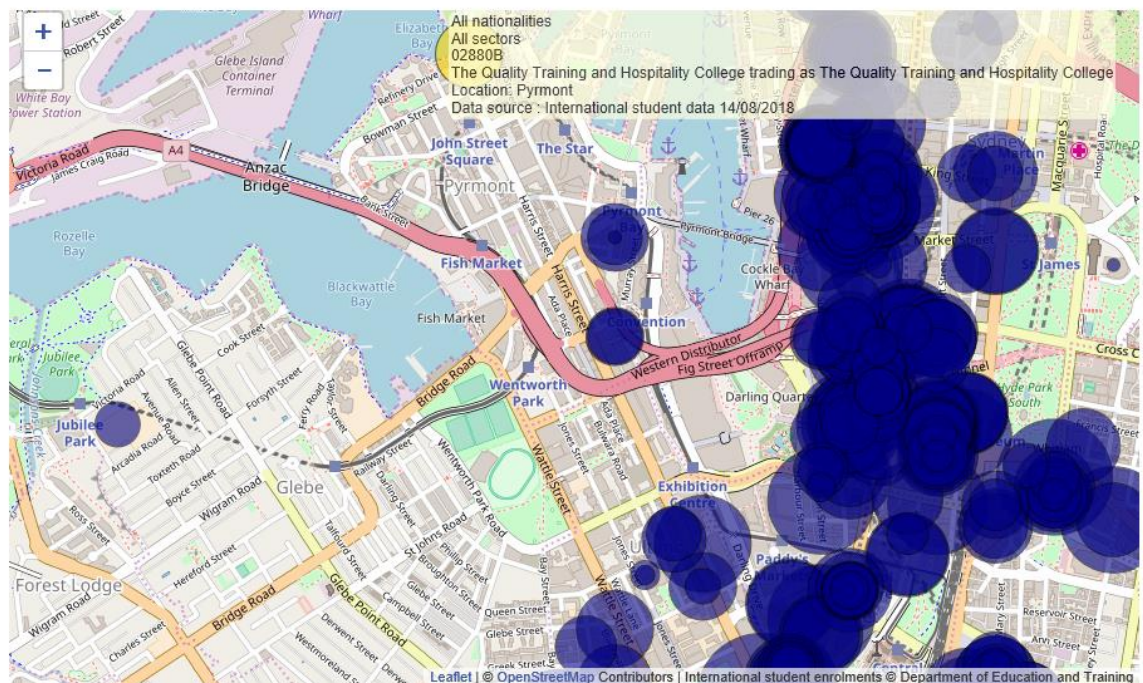


Using the latest available international student enrolment data the student's locations can be investigated by nationality and sector. The circles can be sized using the horizontal control. The "Last view" button toggles between the previous selection and the current selection. The "Colour code capital/regional areas" will colour code the circles depending on [Tourism Australia's](#) definition of capital/regional areas.

The size of the circles is based on enrolments. The circles are scaled so that large providers do not visually overwhelm the smaller providers.

To safeguard the privacy of students, any nationality with less than five enrolments in a state or territory are not shown.

All nationalities
 ▼ All sectors
Last view
Remove capital/regional colour coding



Go to: internationaleducation.gov.au

- Data and research
- Data visualisations

Sign in Options

Australian Government
Department of Education and Training

Opportunity through learning

Home News International network ESOS framework **Data and research** Qualifications recognition Endeavour About us My account

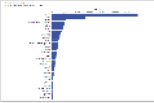
Data visualisations

Data visualisations to explore the international student demographics at Australian institutions.
JavaScript must be enabled on the browser.

- International student data
- Data visualisations**
- Research snapshots
- Research papers
- Other international data
- Offshore education data
- Australian students overseas
- Archived data


Student numbers

A graph showing actual student numbers on a student visa in Australia by nationality and state. Data can be disaggregated by state, and the user can toggle between the current and last years' data.




Where do international students come from and what do they study?

An overview of where international students studying in Australia on a student visa come from and what they are studying here.



International student enrolments by Australian Statistical Geography Standard (ASGS) SA4 region


The geographic areas (categorized by ASGS SA4 Level) where international enrolments and commencements are in Australia can be explored by this data visualisation. The regional data is updated monthly with each release of the international student data.



Student location map


(Warning: 20MB data download)

A map showing the distribution of international student enrolments across Australia. Enrolments data can be disaggregated by nationality and education sector.



Pathways of international students while studying on a student visa

Pathways of international students while on a student visa. Various pathways can be downloaded, including pathways post ELICOS, post Schools, prior to VET and prior to Higher Education. Pathways cohorts can be examined by nationality. The pathways data is updated monthly with each release of the international student data.



Contact us Coovroht Disclaimer Privacy Terms of Use FOI Feedback

Can pick:

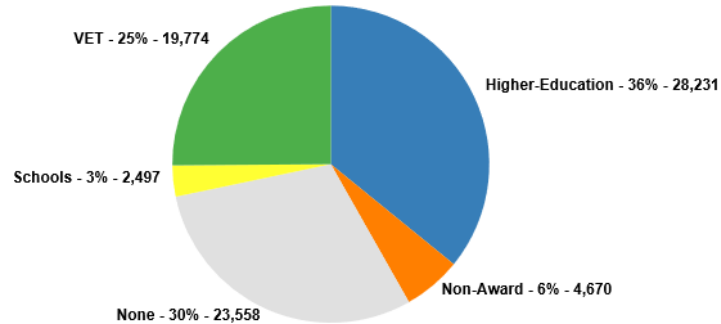
- Post-ELICOS or post-schools pathways; and
- Pre-higher education or pre-VET pathways.
- And do these by individual student source countries.

Pathways for international students on a student visa

Print
Get the data

Pathways cohort: Pathways post ELICOS 2017
Nationality: All nationalities
Percentage decimal places to display: 0
Rotate pie chart:

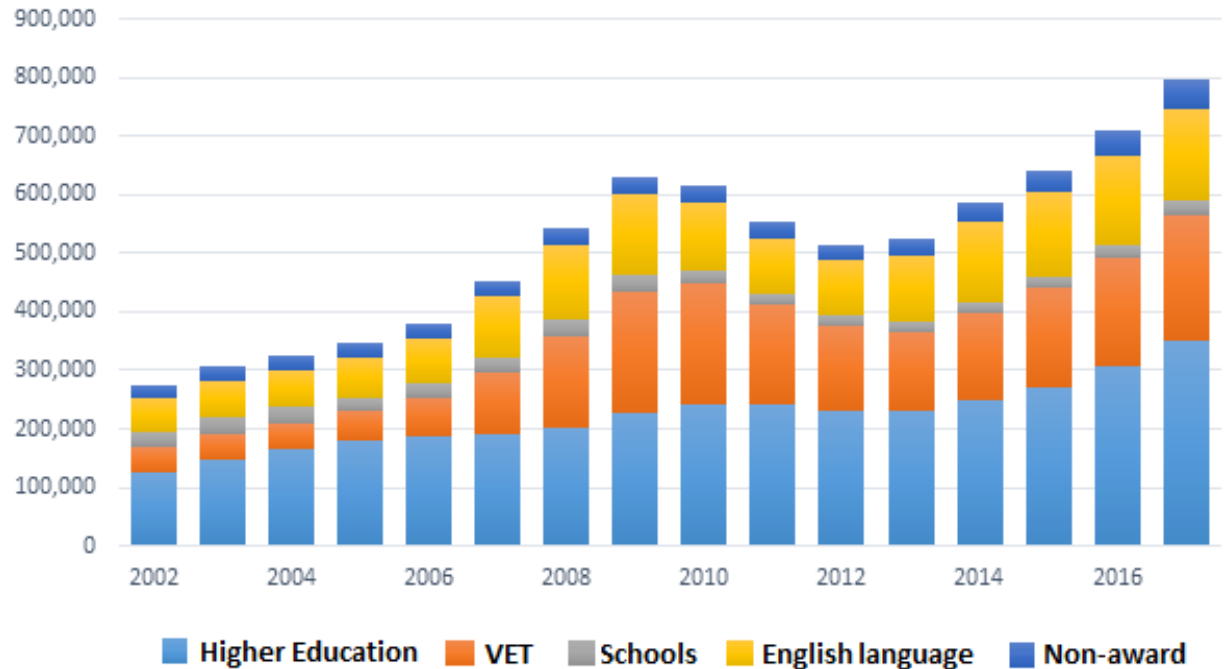
Sector after the student's first ever ELICOS course completed in 2017



Enrolments and students

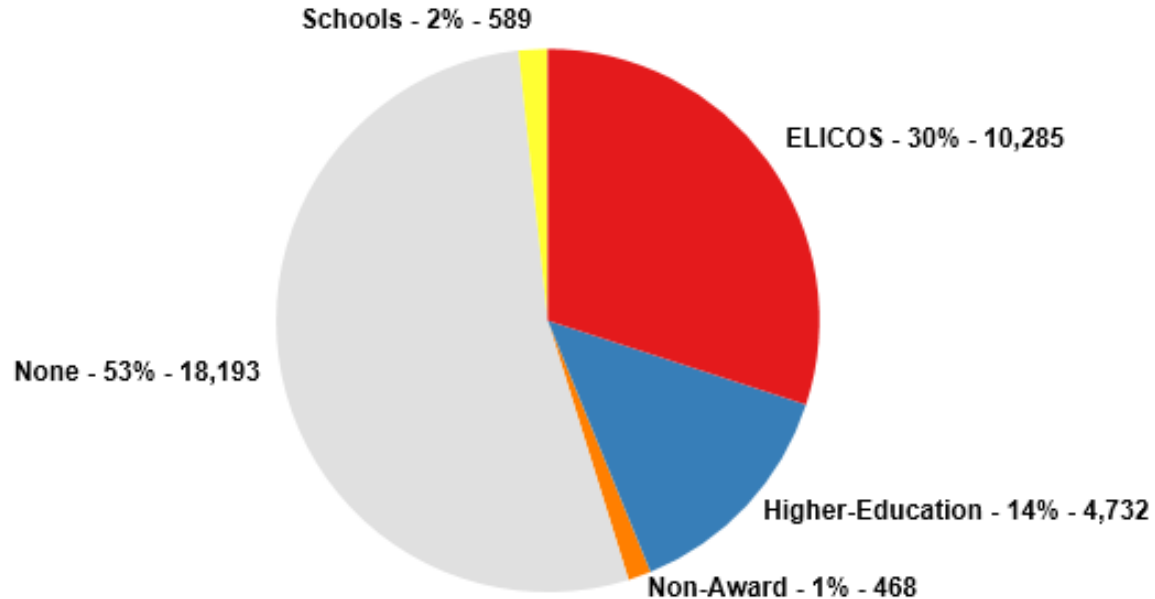
In 2017, there were **624,001** international students on a student visa who generated **799,371** enrolments

International student enrolments



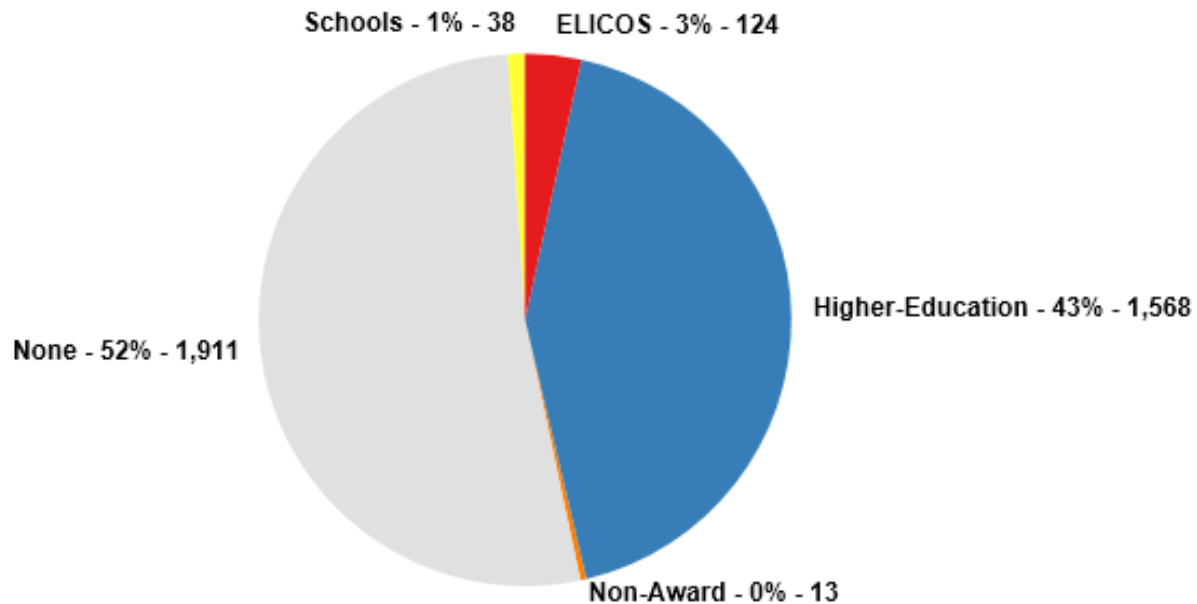
Study pathways to VET - All nationalities

Sector studied before commencement of VET course in 2018



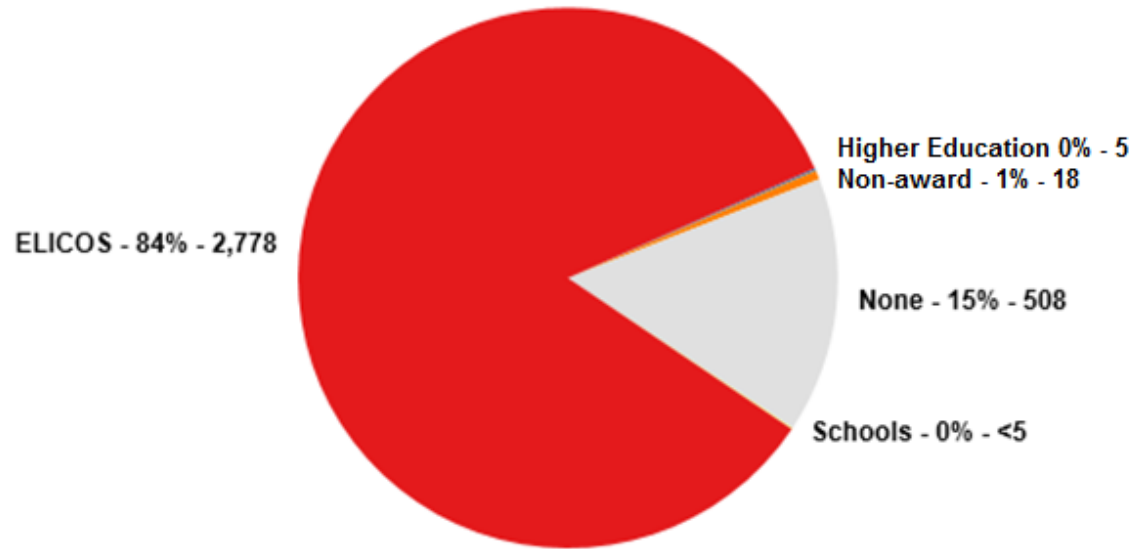
Study pathways to VET - India

Sector studied before commencement of VET course in 2018



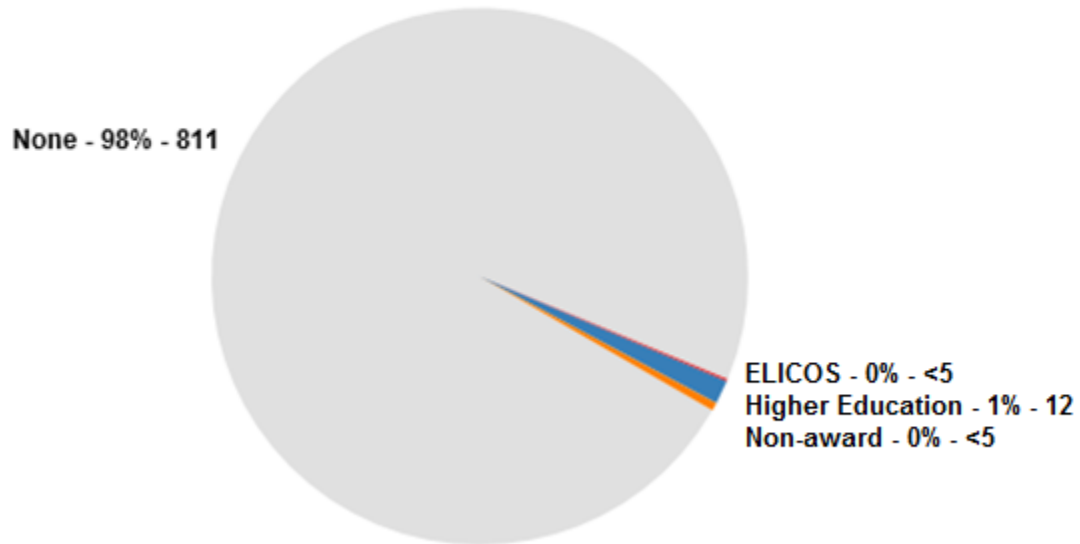
Study pathways to VET - Brazil

Sector studied before commencement of VET course in 2018



Study pathways to VET - UK

Sector studied before commencement of VET course in 2018



Over two-thirds of ELICOS students on a student visa are on a study pathway.

Since most pathway students arrive on a different visa type, ELICOS visa data hasn't been very useful in identifying future trends.

Until now....



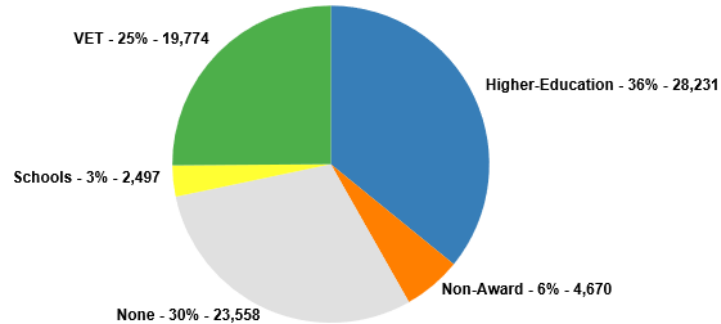
Pathways for international students on a student visa



Get the data

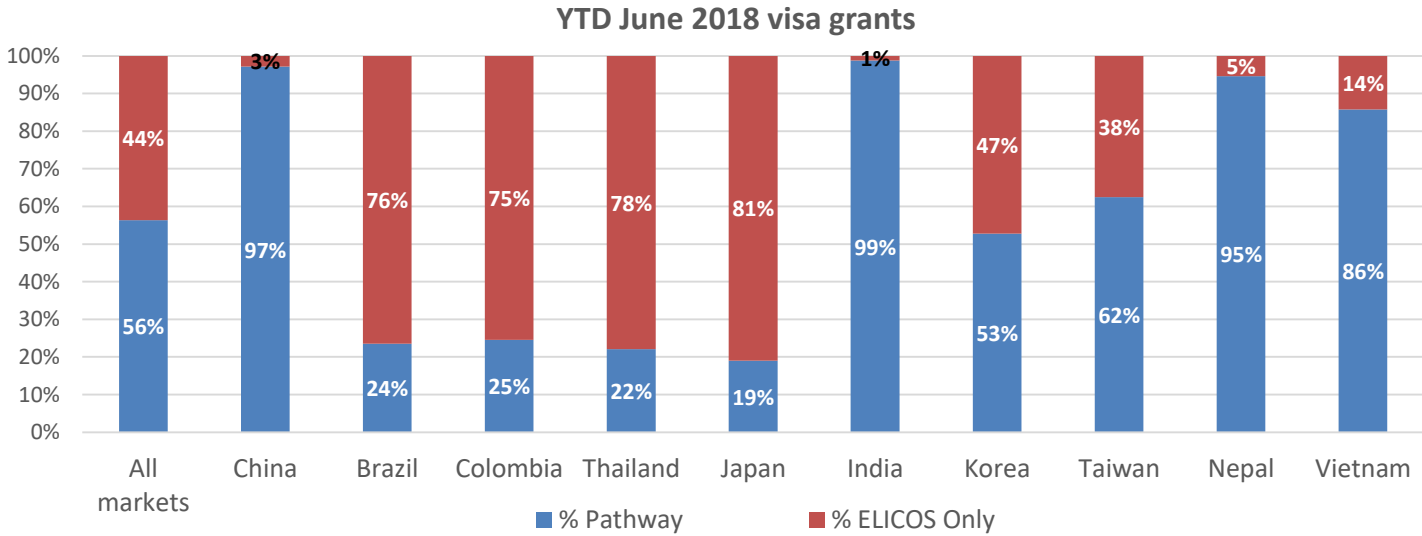
Pathways cohort: Pathways post ELICOS 2017
Nationality: All nationalities
Percentage decimal places to display: 0
Rotate pie chart:

Sector after the student's first ever ELICOS course completed in 2017



In 2018, we worked out how to identify visa grantees who were going to study ELICOS, as either:

- Independent ELICOS; or
- Pathway ELICOS.



Credit: Austrade

So, while ELICOS enrolments in 2018 are tracking around 0% growth, this is apparently due to a 10% decline in Independent ELICOS visa grants countered by an 8% growth in Pathway ELICOS visa grants.



Australian Government

Department of Education and Training

Part 2: Even more data

In 2017 and 2018, DET worked with state and territory governments, education providers and education peak bodies, to identify further data needs.

Feedback involves many areas of government, but some specific areas for the department included:

- Enhancing data on international students in regional areas;
- Offshore educational delivery (aka TNE);
- Graduate outcome data; and
- Student experience data.



In 2017 and 2018, DET worked with state and territory governments, education providers and education peak bodies, to identify further data needs.

Feedback involves many areas of government, but some specific areas for the department included:

- Enhancing data on international students in regional areas; ✓
- Offshore educational delivery (aka TNE);
- Graduate outcome data; and
- Student experience data.



Offshore educational delivery (aka TNE)

Existing data sources are Australia's mainstream higher education and VET data collections, namely:

- The Higher Education Statistics Collection; and
- The Total VET Activity data collection.

- In 2016, there were **119,351** enrolments in Australian **higher education** courses offshore.
- In 2017, there were **36,765** enrolments in Australian **VET** courses offshore.



Offshore educational delivery (aka TNE)

Existing data sources are Australia's mainstream higher education and VET data collections, namely:

- The Higher Education Statistics Collection; and
- The Total VET Activity data collection.
- In 2016, there were **119,351** enrolments in Australian **higher education** courses offshore.
- In 2017, there were **36,765** enrolments in Australian **VET** courses offshore.



But what is their student experience like?

Current research: Offshore higher education student satisfaction survey

In 2018, a number of higher education providers surveyed their offshore students using the i-graduate *International Student Barometer*.

There were 8,341 student respondents:

- 86% reported being satisfied or very satisfied with their overall experience (compared with 89% of onshore international student respondents)
- Reasons for offshore students choosing their Australia course were similar to onshore students – quality and reputation of course and institution.
- There was slightly more emphasis on career benefit and earning potential.
- Personal safety was also a key issue.
- Most respondents were from Malaysia, Singapore & China (mirrors known student numbers).

Current research – Offshore VET students: Who are they and where are they headed?

2018 focus group and survey research with ACER. Largely focused on **China**.

A typical student in China choosing an Australian VET provider:

- Did not perform as well as they wanted to in the *Gaokao*
- Can't afford to study overseas
- Can afford a premium “international” course in China
- Diploma-level study is most popular
- The fields of architecture/building; hospitality management; and business management/finance are most popular.

In 2017 and 2018, DET worked with state and territory governments, education providers and education peak bodies, to identify further data needs.

Feedback involves many areas of government, but some specific areas for the department included:

- Enhancing data on international students in regional areas; ✓
- Offshore educational delivery (aka TNE); ✓
- Graduate outcome data; and
- Student experience data.



Current research – Graduate outcomes:

Higher education

A 2018 survey of university graduates who studied in Australia is being undertaken by ACER in collaboration with the Australian Universities International Directors Forum:

- This is work in progress.
- Findings will capture responses from graduates on and offshore.
- We anticipate this will become a regular national survey and establish a time series data stream going forward.

Current research – Graduate outcomes:

VET

In May 2018, the NCVET released findings of a 2017 survey of over 11,000 international VET students who completed a course in Australia in 2016:

- 82% were employed or in further study.
- 89% would recommend their training to others.
- 85% would recommend their provider to others.

NCVER, in collaboration with DET intend to continue this survey on an annual basis going forward. And create a time series data stream.

The report is at: <https://www.ncver.edu.au/research-and-statistics/publications/all-publications/international-onshore-vet-graduate-outcomes-2017>

In 2017 and 2018, DET worked with state and territory governments, education providers and education peak bodies, to identify further data needs.

Feedback involves many areas of government, but some specific areas for the department included:

- Enhancing data on international students in regional areas; ✓
- Offshore educational delivery (aka TNE); ✓
- Graduate outcome data; and ✓
- Student experience data.



In 2017 and 2018, DET worked with state and territory governments, education providers and education peak bodies, to identify further data needs.

Feedback involves many areas of government, but some specific areas for the department included:

- Enhancing data on international students in regional areas; ✓
- Offshore educational delivery (aka TNE); ✓
- Graduate outcome data; and ✓
- Student experience data. ✓ ✓ ✓ ✓



2018 International Student Survey

2018 International Student Survey: Satisfaction scores by sector (%)

	Universities	VET	Private higher education	ELICOS	Schools
Overall	89	87	91	90	83
Arrival	92	92	94	92	79
Learning	87	86	90	90	85
Living	88	91	91	91	86
Support	90	88	92	93	86
Recommendation	78	78	79	82	64
Student respondents	56,376	2,563	6,306	15,662	3,392

The 2018 survey collected responses from over 84,000 international students in all sectors, the highest number since these biennial surveys commenced in 2010.

Thank you

Any questions?

