Growing New Zealand’s Economy

$3.6b total expenditure annually accounts for about 1.5% of NZ’s gross domestic product

GDP UP 3-6%
NZ’s GDP is 3-6% higher because of the impact that a university education has on the productivity of the workforce.

GDP 4.1% HIGHER
Universities have a significant regional impact. GDP is 4.1% higher on average across regions that have universities.

GENERATE $4.5b ANNUALLY
A 10% increase in higher education research spending will ultimately increase GDP by 1.7%—1.84%, e.g. another $80m into research annually would generate $4.5b annually within 10-20 years.

Driving Research and Innovation

$870m+ spent by universities on research annually

20% RETURN 20% estimated annual return on university research

28% OF R&D Universities account for 28% of New Zealand’s R&D expenditure.

25% OF APPLIED RESEARCH Drive 65% of all NZ’s basic research expenditure and 25% of applied research expenditure.

Home to 70%
of all of New Zealand’s researchers

> more than 27,100 researchers, including 16,400 student researchers.

Efficient and Effective Universities

New Zealand universities produce outputs for only 82% of what it costs in Australia — and 64% of what it costs in Canada.

Annual expenditure per student in equivalent US$

<table>
<thead>
<tr>
<th>University</th>
<th>Expenditure</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Auckland</td>
<td>$16,674</td>
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<tr>
<td>Auckland University of Technology</td>
<td>$16,599</td>
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<tr>
<td>University of Waikato</td>
<td>$16,674</td>
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<tr>
<td>Massey University</td>
<td>$16,674</td>
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<tr>
<td>Victoria University of Wellington</td>
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<tr>
<td>University of Canterbury</td>
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</tbody>
</table>

New Zealand’s Universities

University of Auckland
Auckland University of Technology
University of Waikato
Massey University
Victoria University of Wellington
University of Canterbury
Lincoln University
University of Otago

Efficient and Effective Universities

Sources of income

- $10.8bn from government tuition, PBRF and research grants
- $5.5bn in student tuition fees
- $5.7bn in other income

Efficient and Effective Universities

$16,674 (OECD average)

Efficient and Effective Universities

Key Facts & Stats

Universities New Zealand
Te Pōkai Tara
ID: 06 381 8500
contact@universitiesnz.ac.nz
universitiesnz.ac.nz

Sources and further information

Data relate to the most recent year available. For a full list of sources used to produce this document and links to original reports, refer to www.universitiesnz.ac.nz (URL to be confirmed).

IN FAMILY
48% FIRST
88%
INCREASE
2%
5
$220m
$220m
on research annually, including over $220m on research that enriches our social and cultural understanding, political and legal systems.

88%
SATISFIED
WITH LIFE
88% of NZers with a degree or higher qualification have high levels of satisfaction with life compared with 83% of those with lower level qualifications and 77% of those with no qualifications. Degree holders also have higher levels of trust, a greater sense of purpose, better self-rated health and are more accepting of diversity.

Building Māori and Pasifika Success

↑28%
Māori bachelor’s degree EFTS have increased by 28% in the universities since 2008.

↑53%
Pasifika bachelor’s degree EFTS have increased by over 50% in the universities since 2008.

25%
INCREASE
Māori doctorate students have increased by 26% since 2008—and it’s paying off. Māori doctoral graduates earn more than non-Māori graduates 5 years after study.

48% FIRST
IN FAMILY
Almost half of recent Māori university graduates were the first in their families to attend university, one third are parents and 70% are female.

Achieving Excellent Graduate Outcomes

43,000+
graduates each year
91% at bachelor’s degree level and above.

$1.38m
A typical bachelor’s degree graduate earns more over their working life than a non-graduate.

Age 33
the average age by which a degree pays off.
  i.e. where net additional earnings from a degree exceed the cost of getting a degree and income foregone while studying.

55%
HIGHER EARNINGS
Median hourly earnings are 55% higher for NZers with a degree or higher qualification compared with those with no qualifications. — more than twice the earnings premium of those with lower-level tertiary qualifications.

8.7 YEARS
8.7 years’ median time to pay off student loan for a bachelor’s degree (based on those who left study in 2015).

97% EMPLOYED
Unemployment rate for people with a bachelor’s degree or higher is approximately 3%, i.e. half the rate for all 25 – 29 year olds.

32% HAVE A DEGREE
32% of NZers aged 25-64 years have a bachelor’s degree or higher — around the same as Denmark, Ireland, Sweden and Australia.

HIGH COMPLETION RATES
8 years after starting a university qualification, only 14% of full-time domestic university students have not completed compared with 33% in 1TPs. This low non-completion rate also compares well internationally, with comparator countries ranging from 18% – 40%, or more.

50%
Half of university bachelor’s degree students are now studying science, technology, engineering, health, agriculture or the environment as their predominant field of study.

All 8 universities ranked in the world’s top 500 (3%).

Advancing International Education

27,690
international students
= 16% of all university students, similar to the proportion in countries like Australia and the UK.

4th largest
export earner
International Education generates $5.1 billion annually. Universities alone generate over $1.14 billion annually.

Citizenship of international students enrolled in NZ universities

32,000
JOBS
For every $1m spent by international students, GDP is increased by $1.6m—supporting around 32,000 jobs.

42% POSTGRAD
NZ universities attract high-calibre international students. 16% are studying at PhD level. Overall, 42% are enrolled in postgraduate qualifications.

50% PLAN TO WORK IN NZ
Half of all international PhD students plan to work in NZ after graduation — most in education and training, healthcare, and science and technology.

Delivering Quality Teaching and Learning

92% of international university students choose to study in NZ because of the strong reputation of our universities.

66% OF AWARDS
Universities employ around 21,700 full-time equivalent staff. University staff were awarded 66% of National Tertiary Teaching Excellence Awards over the past 5 years; universities employ approximately 60% of all academic staff.

RANKED ABOVE GLOBAL LEVELS
An annual survey of international university students ranked satisfaction with their overall learning experience and with physical and virtual facilities and resources above global levels. Research shows that 60% of undergraduate students own 3 or more internet-capable devices and that most students prefer and learn best in a blended learning environment.

70-80%
Today 70–80% of NZ universities’ library collection expenditure is on electronic resources and online materials.