Growing New Zealand’s Economy

$3.5b total expenditure annually accounts for 1.2% 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

$800m+ spent by universities on research annually

20% RETURN 20% estimated annual return on university research.

33% OF R&D Universities account for 33% of New Zealand’s R&D expenditure.

31% OF APPLIED RESEARCH Drive 63% of all of NZ’s basic research expenditure and 31% of applied research expenditure.

Employ 73% of all of New Zealand’s R&D staff = more than 27,000 researchers.

$500m+ generated each year through commercialising university research about 33% of total university income.

60%+ Over 60% of university research expenditure is on physical and information sciences, health, infrastructure and our economic framework.

9% OF GDP The stock of all knowledge generated by NZ universities, and adopted across the wider economy, accounts for around 9% of GDP.

Efficient and Effective Universities

New Zealand universities produce outputs for only 77% of what it costs in Australia – and 61% of what it costs in Canada.

Annual expenditure per student in equivalent US$

<table>
<thead>
<tr>
<th>University</th>
<th>expenditure (US$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Auckland</td>
<td>$13,936</td>
</tr>
<tr>
<td>Auckland University of Technology</td>
<td>$15,083</td>
</tr>
<tr>
<td>University of Waikato</td>
<td>$15,419</td>
</tr>
<tr>
<td>Massey University</td>
<td>$16,199</td>
</tr>
<tr>
<td>Victoria University of Wellington</td>
<td>$16,568</td>
</tr>
<tr>
<td>University of Canterbury</td>
<td>$15,469</td>
</tr>
<tr>
<td>Lincoln University</td>
<td></td>
</tr>
<tr>
<td>University of Otago</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

Universities New Zealand
Te Pōkai Tara
Level 9
142 Lambton Quay
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universitiesnz.ac.nz

Key Facts & Stats

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

Enriching Knowledge and Understanding

172,000 total students, 131,770 full-time equivalent students (EFTS). 29% of students (49,400) are studying at postgraduate level.

146,000 domestic students, including 16,200 Māori students (11% of domestic students) and 11,400 Pasifika students (8% of domestic students).

$140M NZ universities spend around $140m annually on research that specifically enriches our social and cultural understanding.

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

25% Māori bachelor’s degree EFTS have increased by 25% in the universities since 2008.

47% Pasifika bachelor’s degree EFTS have increased by nearly 50% in the universities since 2008.

21% INCREASE Māori doctorate students have increased by 21% 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 90% 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.

65% HIGHER EARNINGS Median hourly earnings are 65% 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.

7 YEARS 7 years’ median time to pay off student loan for a bachelor’s degree.

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.

30% HAVE A DEGREE 30% of NZers aged 25–64 years have a bachelor’s degree or higher – around the same as the UK and Australia.

HIGH COMPLETION RATES 8 years after starting a bachelor’s degree, only 16% of full-time domestic university students have not completed compared with 28% in ITPs and 43% in Wananga. 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 or the environment.

Advancing International Education

26,000 international students = 15% of all university students, similar to the proportion in countries like Australia and the UK.

5th largest export earner International Education generates $3.5 billion annually. Universities alone generate over $1 billion annually.

Citizenship of international students enrolled in NZ universities

30,000 JOBS For every $1m spent by international students, GDP is increased by $1.6m – supporting more than 30,000 jobs.

39% POSTGRAD NZ universities attract high-calibre international students: 16% are studying at PhD level. Overall, 39% 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

93% of international university students choose to study in NZ because of the strong reputation of our universities.

66% OF AWARDS Universities employ over 20,000 full-time equivalent staff. University staff were awarded 66% of National Tertiary Teaching Excellence Awards over the past 5 years; universities employ approximately 46% of all academic staff.

RANKED ABOVE GLOBAL LEVELS An annual survey of international university students ranked satisfaction 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.

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