Country Update

New Zealand — benefits of coordinated IE strategy

Brett Berquist
Director International
The University of Auckland

@bberquist
https://tinyurl.com/ya9fjn92
About New Zealand

- Total population 4.6 million
- 1/3 in Auckland
- high standard of living, low unemployment, growing economy
International Education Snapshot 2016

131,609 international students in 2016

- Universities: 27,640 students (4% increase)
- Schools: 19,202 students (8% increase)
- PTEs (funded): 17,239 students (-3% decrease)
- ITPs: 18,239 students (5% increase)
- ELS: 24,635 students (19% increase)
- PTEs (unfunded): 25,237 students (-11% decrease)

Where do students study?

- Auckland: 83,609
- Wellington: 8,179
- Otago: 6,022
- Bay of Plenty: 5,249
- Manawatu-Wanganui: 3,116
- Canterbury: 11,394

2017 - what a year:

• correction sub-uni sector
• Revisions to skilled migration
• Stimulating growth to regions
• International Student Wellbeing Strategy
• New International Education Strategy
• Change of government late 2017
• 1st year uni – now paid by government
• EIU #1 educating for the future
NEW ZEALAND
#1 EDUCATING FOR THE FUTURE
BEST IN CLASS
Overall Score: 88.9/100
NEW ZEALAND

CURRICULUM FRAMEWORK FOR FUTURE SKILLS
TEACHER EDUCATION
CAREER COUNSELLING IN SCHOOLS
GOVERNMENT EDUCATION EXPENDITURE

EFFECTIVE POLICY IMPLEMENTATION SYSTEM
UNIVERSITIES AND INDUSTRY COLLABORATION
CULTURAL DIVERSITY AND TOLERANCE
THE THREE ENVIRONMENTS OF THE INDEX

New Zealand is the only country in the world ranked in the top 2 for all 3 environments

EDUCATION POLICY ENVIRONMENT
NZ RANKED #2

TEACHING ENVIRONMENT
NZ RANKED #1

SOCIO-ECONOMIC ENVIRONMENT
NZ RANKED #2
Island nation

• High mobility rates of domestic students and general population (31% bachelors; 41% PhD)*
• Post-study work rights 1+2 years
• PGR full-time work rights; + partner for PhD
• Government commitment to ensure immigration and international education support national aspirations
  • Centres for Asia Pacific Excellence
  • Prime Minister’s Scholarships for Asia and Latin America

* What young graduates do when they leave study, Ministry of Education, 2014
NEW ZEALAND’S INTERNATIONAL PHD STRATEGY:

In 2005, New Zealand implemented a bold strategy to offer domestic tuition fees to international students, full work rights to them and their partner, and domestic school fees to their children. This strategy was developed to increase international PhD enrolments, thereby contributing to New Zealand universities’ rankings and to the country’s innovation economy. This paper will review available data over the first decade of this strategy and address three main questions: 1. Has the strategy increased international PhD enrolments in New Zealand? 2. Has it enhanced our research output? 3. Has it contributed to NZ’s innovation economy?

ANALYSIS

1. Has the strategy increased international doctoral enrolments?
2. Has it enhanced our research output?
3. Has it contributed to the innovation economy?

https://tinyurl.com/ya9fjn92
NZ PhD enrolments 1998-2016

- Domestic PhD students
- International PhD students

Source: Education Counts NZ (MoE)
Comparison

% of doctoral students international

- New Zealand
- United Kingdom
- United States
- Australia
- Canada
- OECD average
- Denmark
- Sweden
- Belgium
- Switzerland

Source: OECD Education at a glance
Academic impact of Australasian universities

- Australia academic impact
- New Zealand academic impact

Source: Ministry of Education; OECD Education at a glance
RESEARCH IMPACT

Rankings vs. IE market share

Source: Ministry of Education; OECD Education at a glance
## METHODOLOGY

<table>
<thead>
<tr>
<th>Cohorts</th>
<th>Years post study</th>
<th>Tax years</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010 and 2011</td>
<td>1</td>
<td>2012 and 2013</td>
</tr>
<tr>
<td>2009 and 2010</td>
<td>2</td>
<td>2012 and 2013</td>
</tr>
<tr>
<td>2008 and 2009</td>
<td>3</td>
<td>2012 and 2013</td>
</tr>
<tr>
<td>2007 and 2008</td>
<td>4</td>
<td>2012 and 2013</td>
</tr>
<tr>
<td>2006 and 2007</td>
<td>5</td>
<td>2012 and 2013</td>
</tr>
<tr>
<td>2005 and 2006</td>
<td>6</td>
<td>2012 and 2013</td>
</tr>
<tr>
<td>2004 and 2005</td>
<td>7</td>
<td>2012 and 2013</td>
</tr>
<tr>
<td>2003 and 2004</td>
<td>8</td>
<td>2012 and 2013</td>
</tr>
</tbody>
</table>

Cross-reference:
- International student visa
- SDR
- Tax returns
- Benefits register

Added 2 cohorts Dec 2017
n=171,305
PhD grads >29 yrs
INTERNATIONAL PHD STUDENTS AFTER GRADUATION

Stayrate after graduation
41% stay in NZ 1st year
25% in NZ 5th year

Employment in NZ
PhD grads <30
48% 1st year
16% 5th year

Source: Moving Places 2017

Overall STAY RATE:
NZ 30% 5 yrs post-degree (MBIE 2015)
OECD 2011 average 25%
CONCLUSION

**Enrolments** highest % int’l PhD of MESD

**Rankings** maintained and strengthened
- University of Auckland #82
- All NZ universities in top 3% (QS 2016)

**Economy** 1 in 4 int’l doctoral graduates remain in NZ 5yrs post-graduation vs. >1 in 2 domestic
INTERNATIONAL EDUCATION
STIMULATES CREATIVITY
and
INNOVATION, and drives our ECONOMY

LINKS and UNDERSTANDING

We welcome over 6,500 International Students
to our campus each year bringing perspectives from over 110 countries
to our classrooms.
INTERNATIONAL EDUCATION

STIMULATES CREATIVITY

and

INNOVATION, and drives our ECONOMY

RESEARCH and REPUTATION

45% (1250) of the Doctoral candidates at the University of Auckland are International students.¹

On average each international PhD student produces 2.7 authored or co-authored papers, 1.1 authored or co-authored book chapters; and 3 authored or co-authored conference papers.

These students increase our research productivity, open up international research and funding opportunities and assist our academics to engage with international experts in their field. This in turn, helps support our high international rankings and reputation as the University’s research profile grows around the world.

¹2015 University of Auckland Doctoral Exit Survey
INTERNATIONAL EDUCATION

STIMULATES CREATIVITY

and

INNOVATION, and drives our ECONOMY

GROWTH and PROMOTION

Over one third of international students remain in New Zealand five years post study, while the remainder carry our flag around the world.2

International education is a significant contributor to the Auckland economy, accounting for $1.6 billion per annum and funding over 15,000 jobs in our region.3

1Fibling: Moving Places, NZIEC August 2018
2ENZ Infographic, stats from Interim Economic Impact of International Education 2014/15 Report