NZ IE market value 2014

Top 10 NZ Exports:
- $15.83b: Milk powder, infant, & cheese
- $7.14b: Beverages & similar trade
- $5.64b: Meat & edible offal
- $4.00b: Logs, wood, & wood articles
- $2.88b: International education
- $1.99b: Air transport
- $1.68b: Fruit
- $1.55b: Mechanical machinery & equipment
- $1.40b: Coal
- $1.33b: Wine

Contribution by sector: value and proportion of total
- University: $1.003b (36.8%)
- PTEs: $549m (22.6%)
- ITIs: $381m (15.9%)
- ELSs: $356m (13.3%)
- Secondary school: $307m (11.2%)
- Primary school: $42m (1.5%)

Total value of expenditure by international students: $2.75b
Total value of offshore activity: $0.104b
Expenditure by international students supports more than 30,000 jobs

Source: Education New Zealand
1. Has the strategy increased international doctoral **enrolments**?

2. Has it enhanced our **research** output?

3. Has it contributed to the innovation **economy**?
Context: **China bust**

NZ overall international enrolments 2000 to 2015

Motivation: Competitiveness / Innovation / Talent acquisition

Source - Ministry of Education IE Export Levy
Announced April 2005, Labour government
Trevor Mallard Education Minister

Terms:
Domestic tuition fees - decreased from $20k to $3k
Full-time work rights for student and partner
Domestic school fees for children

"This initiative is designed to lift the quality of research in New Zealand and improve the long-term links between our universities and international research institutions around the world.

"There will be direct benefits to universities, particularly as it will help raise the quality and output of academic research. Some of these students may want to stay on and work in New Zealand when they have finished their studies, which will also significantly raise our research and educational capabilities."

(Mallard, Press Release, 3 June 2005).
NZ PhD enrolments 1998-2015

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

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
“As well as strengthening our education system, international education is expected to contribute to our goals for research, innovation, trade and tourism. International education also encourages the immigration of highly skilled people, and helps to grow links with our major trading partners in Asia, Europe and the Pacific. These links are crucial to our ongoing success.”

“Immigration policies can encourage the entry of students into high quality courses which equip graduates to take up genuine skilled work opportunities after completion. The need for such young and skilled migrants is expected to continue... [...]”

MoE report forthcoming

Government Leadership Statement for International Education 2011
## METHODOLOGY

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<th>Cohorts</th>
<th>Years post study</th>
<th>Tax years</th>
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Cross-reference:
- International student visa
- SDR
- Tax returns
- Benefits register
INTERNATIONAL PHD STUDENTS AFTER GRADUATION

Exit rate
48% exit 1st year
79% by 5th year

Employment in NZ
45% 1st year
29% 2nd year
16% 5th year

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 #81
  All NZ universities in top 3% (QS 2016)

Economy 16% of doctoral graduates working in New Zealand 5 years on

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INTERNATIONAL EDUCATION
STIMULATES CREATIVITY
and
INNOVATION, and drives our ECONOMY

LINKS and UNDERSTANDING
We welcome over 6,000 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

¹Fabling, Moving Places, NZIEC August 2016
²ENZ Infographic, stats from Interim Economic Impact of International Education 2014/15 Report