

The Industry Skills Toolkit:

Using data to better match
industry demand with tertiary
education and training supply

Industry Training in NZ

- about **190,000 people** in formal industry-related education and training each year
- about **35,000 enterprises**
- 39 industry-established and owned ITOs covering 78% of the workforce
- co-funding model (in cash and in kind)
- drives individual, firm and industry **productivity**

Roles of ITOs in NZ

- ITOs' most important role is to connect the skill needs of industry and the labour market with the vocational education and training system.
- ITOs:
 - provide information about industry skill demand
 - Define and develop national skill standards and qualifications required by industry
 - broker training to meet the needs of employees in industry

The need for matching

- To connect labour market skill needs with the education system ITOs need to be able to match supply and demand information
- This is problematic due to the different nature of the labour market and the education system and differences in data available about the two

Industry and education data

Industry (Demand)

- ANZSIC 2006
- 500 detailed industries
- Mostly from Statistics NZ (Census, LEED, Business Demography)

Education (Supply)

- NZSCED
- About 350 educational codes
- TEC, NZQA and MoE administrative data

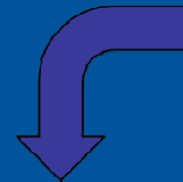
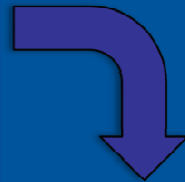
How to match the two

ANZSIC codes

L671100 Residential
Property Operators

L671200 Non-
Residential Property
Operators

L672000 Real Estate
Services



**Real Estate and
Property Services**

NZSCED codes

80503 Real Estate

89903 Valuation

Industry Skills Toolkit

- Making information more accessible to ITOs and other stakeholders
- Providing frameworks for analysis and further work
- Enhancing ITOs' ability to engage a wide range of stakeholders

What tools are in the toolkit?

Matching

- Highlights current skill base
- Outlines tertiary education and training
- Projects future demand
- Compares current tertiary supply with future industry demand

Tertiary Supply

- Details tertiary training and education
- Examines trends since 2001
- Includes qualification levels, provider types, completions, funding, and more

What tools are in the toolkit?

Industry Profile

- Based on the ITF's Industry Profiles v 2.0 tool
- Provides an in-depth look at industry composition
- Covers industry size, skills, demographics, firms, and conditions

Data

- *Census 2006* by industry and occupation
- *Linked Employer - Employee Dataset (LEED)* 1999-2007
- *Business Demography (BD)* 2000-2008
- TEC administrative data 2001-2007

Demonstration

From data to intelligence

- Information generated by the toolkit is the first step in matching supply and demand
- ITOs, tertiary providers, industry groups, need to provide insight and context, turning data into intelligence
- Labour market intelligence can then be used to influence decisions around training and skill development

Further information

- Each ITO can provide information about their industry or sector
- Contact ITF for more general queries

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