Integrated Data Infrastructure

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History

- 1997 cabinet endorsed Stats NZ cross agency integrations
- 2011 IDI prototype
- 2013 cabinet agree to expand IDI
Integrated Data Infrastructure (IDI)

An integrated database containing confidentialised longitudinal microdata about people, households, and businesses

For a full list of data, go to www.stats.govt.nz/idi
Access to IDI for research

**Go**
- You need five greens to consider getting access to microdata for research
  - Research is for a statistical purpose
  - Research is for the public good
  - Research will be conducted by a credible team
  - Suitable data is available
  - Statistics NZ can enforce an agreement

**Check**
- You need to talk to us to check each orange issue for potential problems
  - Research is for commercial gain
  - Quality of data is not adequate for research purpose
  - Unrecognised research institution
  - Lead researcher is a student or junior staff member
  - Data integration is required
  - Researchers are based overseas
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**Stop**
- You need to resolve all red issues before microdata access can be considered
  - Research is about named people or businesses
  - Research is for a regulatory purpose
  - Researchers do not have organisational support
  - Research will not be released
  - Complex legislative issues affect access
Five safes

- Safe people
- Safe projects
- Safe settings
- Safe data
- Safe output
Virtual Health Network

What is the cost of cardiovascular disease on our health system?
What is the impact of mental health on education, employment and training?
How can crime and harm from crime be prevented?

Image source: Mediaworks
Outcomes of tertiary study


What should I study?
Temporary migration

Should international students be allowed longer work entitlements?
Evaluation of Teen Parent Units

Do Teen Parent Units result in increased school qualifications for teenage mothers?
NGOs and iwi

What can Statistics NZ do as kaitiaki tatauranga to better partner with iwi?
How do we count the homeless?
Unleashing the power of data to change lives

**Steward**
Steward data now and for the future

**Provider**
Provide independent and trusted data

**Enabler**
Enable New Zealand decision makers

**Innovator**
Innovate to drive value for customers