Integrated Data at Stats NZ
Integrated Data at Stats NZ

Integrated database
de-identified longitudinal microdata about people and households.

Longitudinal Business Database (LBD)

Integrated database
de-identified longitudinal microdata about businesses.

IDI and LBD are linked through tax data.
How the IDI works

1. Spine created by linking births, tax, and visa data together

2. Other sources (aka nodes) are linked with the spine.
Safe access to the IDI

- Access requests are measured against two frameworks – Five Safes and Ngā Tikanga Paihere

- Stats NZ staff review IDI access applications to ensure all conditions are met before allowing access.
History of the IDI
Value of integrated data

Image: Examples of key uses of data
Research snapshot
7 Lessons learned

1. Start with a use case and let it grow
2. Think about future uses up front and design the infrastructure accordingly
3. A clear authorising environment matters, and a ministerial champion makes it even better
4. Safe integration requires a strong regulatory environment
5. Be transparent and consistent in how the rules are applied and be prepared to adapt
6. Data quality is a shared responsibility
7. Maintain an active network of analysts