

Data networking

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Origins...

- Experience in WA
- Nationally
 - National Agenda on Early Childhood
 - Overcoming Indigenous Disadvantage

Benefits

- Monitor key indicators of children and young people, their risk and resilience
- Investigate links between environments and outcomes and map these to community facilities
- Identify and monitor new threats to Australia's kids
- Investigate complex causal pathways
- Model and evaluate policy changes and interventions

Leading to benefits for ...

- Research
- Policy
- Australians through improved outcomes for children and youth, their families and communities

Definitions

- Match = within a database
- Linking = between databases
 - These maybe within the one agency or between agencies

At a National level...

- National round table held in June 2003
- Representatives from:
 - ARACY
 - ABS, CSIRO
 - Universities
 - Privacy Commissions
 - Commonwealth agencies
 - NHMRC, ARC

Network Framework

- to improve access to and sharing of data available for research, policy and practice;
- to introduce and improve data linkages enabling better research and better evaluation of policy and practice; and
- to improve completeness of data to facilitate the above.

Agreed Projects

➤ Data sharing

- Develop a governance model and processes
- Map existing data efforts, metadata and standards
- Children with disabilities
- Indigenous children

➤ Data linkage

- Immunisation WA/SA

➤ Gap filling

- Advocacy for under-resourced databases

Distributed warehouse

- Allows owners to still control their data
- AGLS metadata standard makes uploads easy
- Reduced establishment and operation costs
- ARACY would provide a catalogue of metadata
- Requests for access would be made directly to owner of data

At a state level...

- OESR will host a state level round table
- Interdepartmental work on privacy
- Review and development of research and ethics committees
- Already have registers of metadata
 - Register of Strategic information
 - Aus. Spatial Data Dictionary
- Information development plans

Information development plans

- Involved a review of the possible data sources
- Involved identifying data needs
 - comparability
 - operational issues
 - characteristics

For the Justice field...

- Information development plan
- Adult micro-simulation model
 - Match historical court records
 - Offender data warehouse
- Other linkages requested
 - Police and education data – QR
 - Offence and education for DES programs
 - Identification of poly-agency users

If you are interested...

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