



Australian Government

Department of Health and Ageing

# Designing for Better Outcomes - the Use of Standards

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# Today's discussion

- Designing for Outcomes
- Information and Knowledge Management in the Department of Health and Ageing
- Standards enabling e-Health



# Designing for Outcomes

- Outcomes can be supported by standards and interoperability approaches
- Standards and interoperability don't necessarily deliver outcomes
- What is the outcome that you need to deliver?



# Information and Knowledge Management in the Department of Health and Ageing

## Current state

- Distributed collection and storage
- Various data models and dictionaries
- Seen as specific and unique tasks



# Information and Knowledge Management

The future .....enterprise approaches

- Enterprise
  - Data model
  - Data and information governance framework
  - Repositories
  - Modelling and analysis tools
  - Skills and centres of practice



# Information and Knowledge Management

Will rely on

- enterprise data model and governance processes
- Enterprise data dictionary/vocabulary
- Stocktake and mapping of all data holdings
- Governance to sustain this



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# Information and Knowledge Management

## Expected Outcomes

- Reduced effort
- Elimination of duplicated effort
- Flexibility
- Identification of strategic risks



# Standards enabling e-Health

Some more outcomes...

- Personally Controlled e-Health Records
- Telehealth





# Standards enabling e-Health

- Many current sets of terminologies
- Very complex domain
- Standards – which ones?
- Overall outcome – improved health services for Australia
- Interoperability is the key
- Transition from current systems to the future



# Standards enabling e-Health

- PCEHR from July 2012
- Key deliverables
- Ability to register
- Consumer and Provider Portals
- Summary health record
- Discharge Summary
- Medicare History



# Standards enabling e-Health

- Information stored in national and distributed repositories
- Accessible via portals and medical software
- Records uploaded from medical software in a compliant form
- Fully reliant on adoption of standards, templates and vocabulary



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Thank you