

# The evolution of electronic health: Changing the face of healthcare in Australia

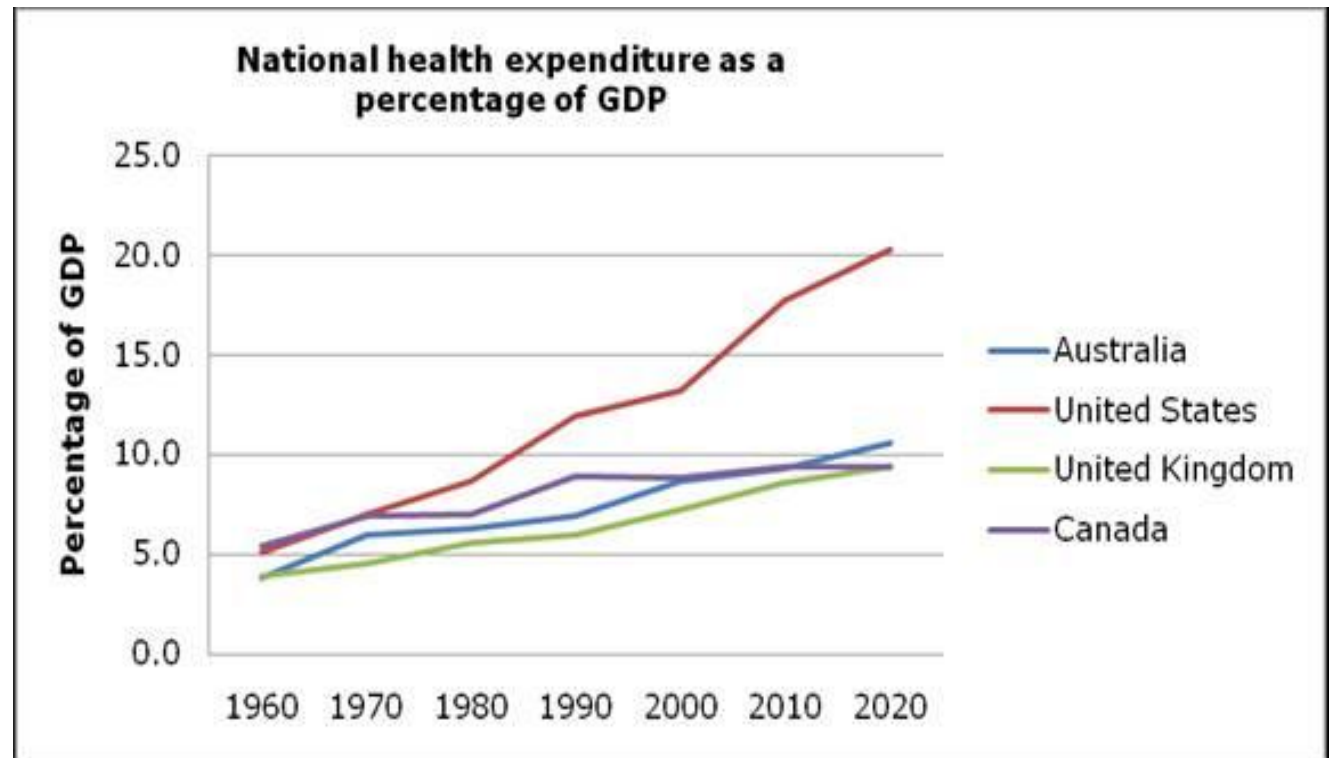
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**17 September 2011**



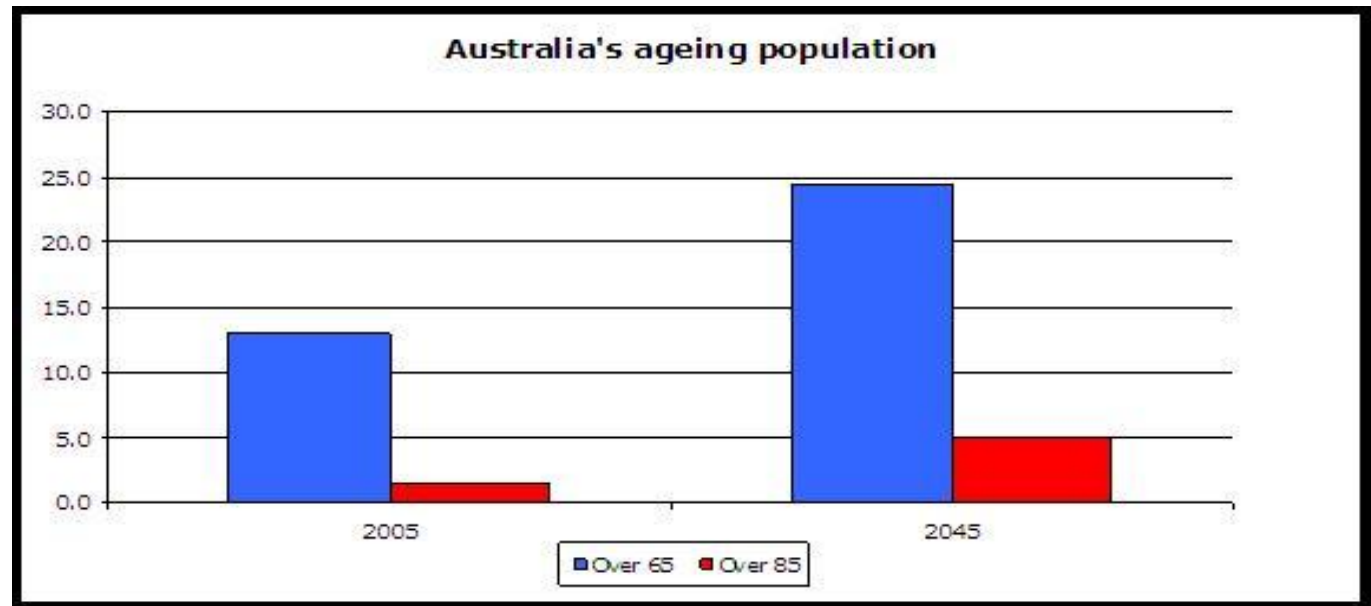
# Healthcare is a major part of the Australian economy



# Australia's ageing population



Australia has a world class health system. But, as Australians get older the system will struggle to keep up.



# Facts



Up to 18% of medical errors occur as a result of inadequate availability of patient information.

Almost two million Australians experience an adverse drug event each year and approximately 138,000 of these end up in hospital.

53% of medication mistakes are considered 'definitely preventable' and 30% of unplanned hospital admissions in those over 75 years have been associated with medication mistakes.

# Facts



Up to 35% of referrals to hospital are inappropriate.

10% of all GP consults are with a patient the doctor has never seen before.

It is estimated 25% of clinicians' time may be spent collecting data and information.

# NEHTA's purpose



Lead the uptake of eHealth systems of national significance; and coordinate the progression and accelerate the adoption of eHealth by delivering urgently needed integration infrastructure and standards for health information

Established and funded by the Australian, State and Territory governments

# NEHTA's place in eHealth

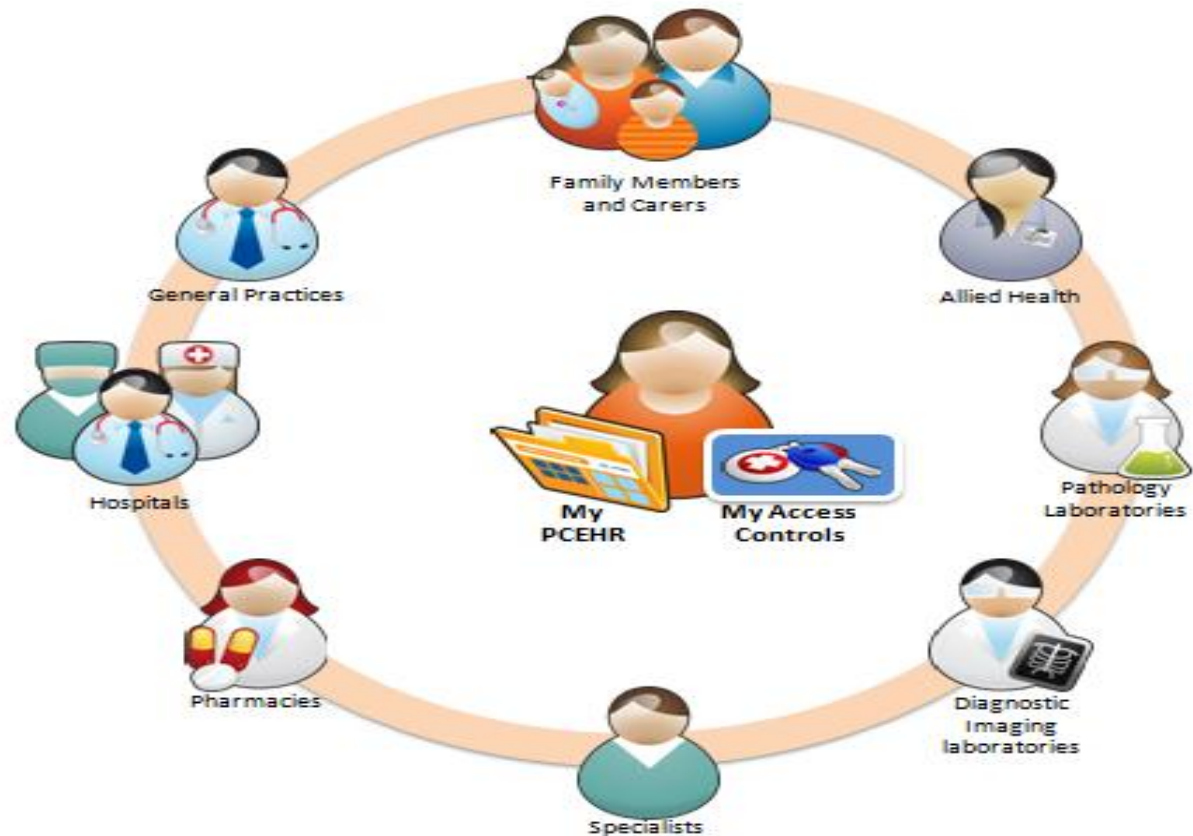
- Increasing involvement in implementation sites
- Managing agent for PCEHR
- Support integration of eHealth
- National eHealth infrastructure



<b>Personally Controlled Electronic Health Record</b>	Clinical Information	Individual Information	Shared Information	[Others]
<b>E-Health Services</b>	Shared Health Profile	Events Summaries	Self Managed Care	Complex Care Management
<b>E-Health Solutions</b>	ePathology	eDischarge	eReferral	eMedications
<b>National Infrastructure Components</b>	Terminology	Secure Messaging	Identifiers	Authentication

# The Personally Controlled Electronic Health Record

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National E-Health Transition Authority  
[www.nehta.gov.au](http://www.nehta.gov.au)



# Principles of the PCEHR

The PCEHR is a vehicle for consumers to:

- Share key pieces of their health information with providers of their choice
- It is not a replacement for existing point to point messaging or clinical systems

# The PCEHR - How is it different?



- Participation is voluntary – “Opt-In”
- Provider access is under consumer control
- The PCEHR is not a replacement for organisational clinical records
- The clinical component contains copies, not originals
- The “Source of truth” remains where it is today – in local clinical records

# Is the PCEHR a complete health record?



- No, it will only contains clinically significant information that is deemed important to the ongoing care of an individual
- Individuals may request that information not be loaded on to their PCEHR
- Individuals may limited access to certain clinical documents

# Supported Content – July 2012



- Health Summary
- Event Summary
- Discharge Summary
- Medicare Data (MBS, PBS, ACIR, ODR)
- Consumer Data
  - Personal Health Diary (Not Shared)
  - Advanced Care Directives (Custodian)
  - Medicines & Adverse Reactions
- Support for Diagnostic Reports
- Specialist Letters
- Prescription and Dispense Notices

# Snapshot - activity across Australia

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- More than 1,130,000 Individual Healthcare Identifiers in use across Australia.
- Over 400,000 identifiers being used in hospitals in Tasmania and the ACT.
- More than 730,000 GP patient records have been matched in 370 GP practices in Brisbane North, the Hunter and Melbourne East.
- WA and other jurisdictions including NSW, SA, VIC, QLD and ACT are using the National Product Catalogue
- VIC has started successfully using Australian Medicines Terminology
- NT is using Secure Messaging Delivery and ACT will use it as part of its product and inventory control system

# Where to from here?

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- Significant opportunities for healthcare organisations to improve efficiency and effectiveness through eHealth
- Immediate need to get eHealth ready, especially around the personally controlled health record

# Keeping up with the PCEHR program news



PCEHR

[www.yourhealth.gov.au](http://www.yourhealth.gov.au)

National E-Health Strategy

[www.health.gov.au](http://www.health.gov.au)

Public domain resources

<http://www.youtube.com/user/DeptHealthAgeing>

NEHTA specific information

[www.nehta.gov.au](http://www.nehta.gov.au)

# Thank you and questions...

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