

eHealth: Making it Happen

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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



From the National eHealth Strategy



eHealth is one of the most important opportunities to:

- Improve the quality and safety of healthcare
- Reduce waste and inefficiency
- Improve continuity and health outcomes for patients

The Tsunami has arrived



Australia's life expectancy is one of the highest in the world, second only to Japan

In 1996, chronic disease accounted for 80 per cent of the burden of disease, measured in terms of loss of years and quality of life

Over three million Australians, or nearly one in seven, suffer from chronic disease

Health expenditure as a proportion of Australian GDP has more than doubled over the last four and a half decades from 3.8% to 9%

Impact on consumers



It is estimated 5,000 Australians die each year due to adverse medical events.¹

Up to one in six (18%) medical errors are due to inadequate patient information.²

Nearly one in three (30%) unplanned hospital admissions in those over 75 years are associated with prescribing errors.³

1 Australian Patient Safety Foundation, www.consultmagazine.net

2 Australian Institute of Health and Welfare, *Australia's Health 2002*, 2002

3 Chan. M, 2001, Internal Medicine Journal, Adverse drug events as a cause of hospital admission in the elderly; 31: 199-205

Impact on clinicians

Clinicians spend around a quarter of their time collecting information rather than treating patients.⁴

ePrescription systems in Sweden, the US and Denmark increased health provider productivity per prescription by over 50%.⁵

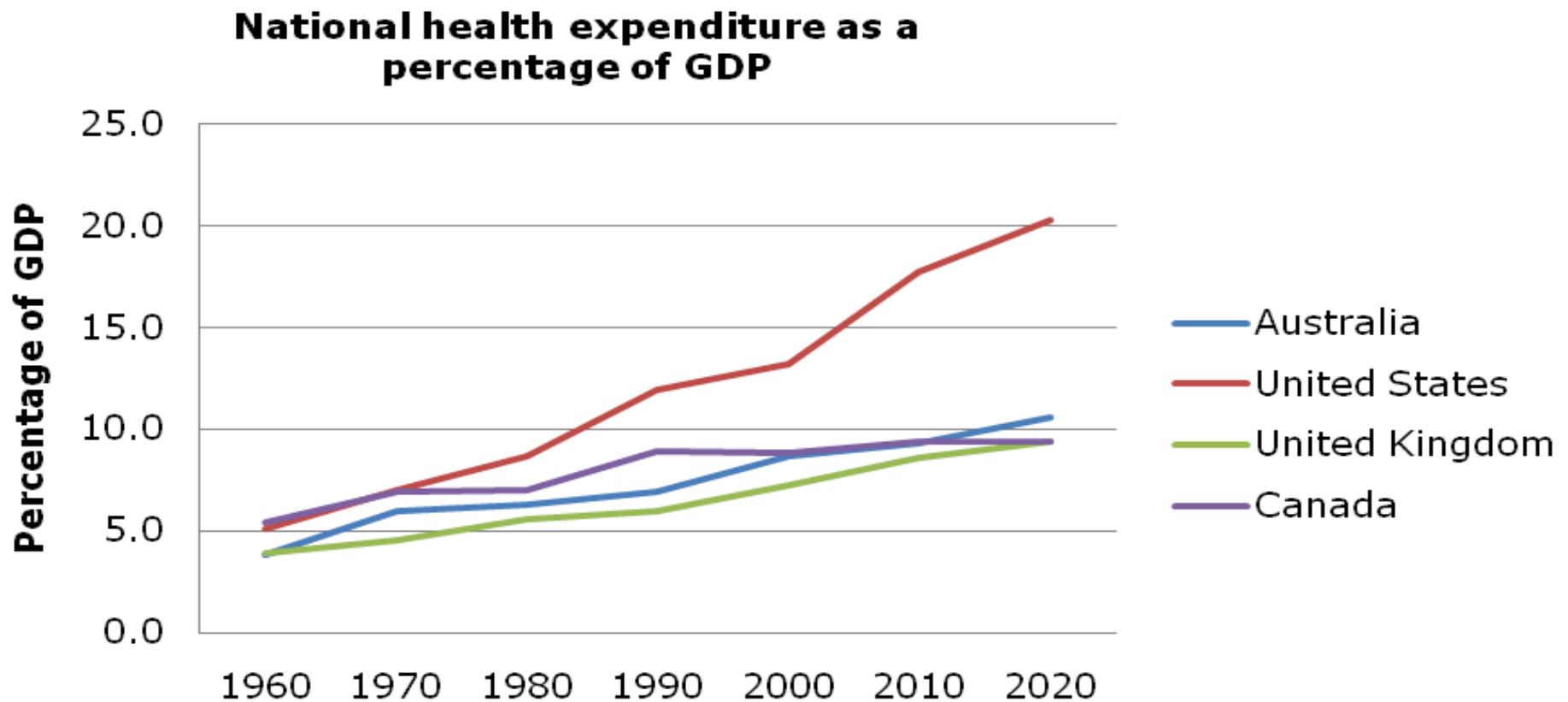
eReferrals in Europe reduced the average time spent on referrals by 97%.⁶

4 For Your Information, Australia Audit Commission, Canberra, 1995

5 Karl A Stroetmann KA, Jones T, Dobrev A, Stoetmann VN, 'An Evaluation of the Economic Impact of Ten European E-Health Applications', 2007

6 Ibid

Impact on the economy



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

Work program highlights



HI Service goes live – 23 million individual healthcare identifiers allocated

First clinical use of AMT now live

NEHTA has a leadership role nationally and internationally

Making it happen: Early adopter sites

Brisbane
Hunter
Melbourne East



Making it happen: State and Territory projects



Making it happen: Sector projects



- Aged Care
- Primary and Ambulatory Care
- Private Hospitals

New eHealth brand



The concept



How the brand could be used



Thank you

Questions



Personally Controlled Electronic Health Records (PCEHR) in a Federal Government budget announcement.

Federal Government announces Telehealth will move into the broader e-health reform agenda.



23 million people allocated
healthcare identifiers (IHI) on
1 July 2010

To date, 390,000 providers have
received healthcare provider
identifiers – individual (HPI-I)



Software developers have begun implementing specifications for secure eHealth messaging



Box Hill Hospital,
Melbourne goes live
with eHealth terminology
– sending electronic
prescriptions and
discharge summaries.
99% of Australian
pharmaceutical products
are now in electronic
catalogue



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National E-Health Transition Authority
www.nehta.gov.au



Fewer transcription
errors to improve safety



All pathology peak bodies
agree to co-operate on
standards



Agreement reached on a national format for an eDischarge Summary



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Standardised eReferral templates developed



Tender released for the design, build and operations of a National Authentication Service for Health (NASH).



Australian Capital Territory

Medicare Australia issues first 'Notice of Integration' (NOI) to ACT Health after the application passed conformance testing with Medicare's Online Technical Services (OTS) group



Northern Territory

Web Services Secure Messaging
Application upgrade to WSMA v2



Victoria

Implementation of Healthcare Identifiers
including solution design and business
requirements



Tasmania

Integration of Individual Healthcare Identifier (IHI) numbers into Tasmania Health's enterprise Patient Master Index (PMI)

TAS

