

Breakout 4

Digital Health Transformation

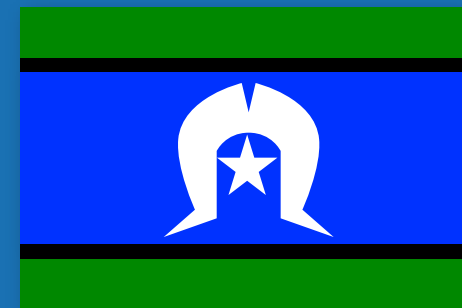
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Chief Executive Officer
Australian Digital Health Agency

Presents a future where digital technologies take the lead in transporting patients to the centre of a sophisticated healthcare eco-system. It's a place where consumer digital literacy empowers consumers to take a greater role in managing their own care but where low health literacy means less preventative health care, increased hospitalisations and a higher economic burden for treatment.



Acknowledgement



The Australian Digital Health Agency acknowledges the
Traditional Owners of Country throughout Australia,
and their continuing connection to land, sea and community.
We pay our respects to them and their cultures,
and to Elders past, present and emerging.



On today's menu ...

- **About us**
- **Health system overview**
- **Our operating environment**
- Innovation and risk
- Privacy and information sharing
- Cyber security in a connected system
- Business continuity: national impacts

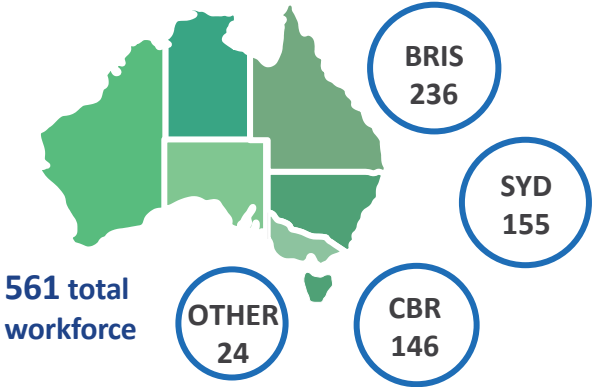


DIGITAL HEALTH AGENCY OVERVIEW

The Australian Digital Health Agency is the national body responsible for the evolution of digital health capability

AGENCY STRUCTURE

DIGITAL HEALTH AGENCY INDEPENDENT BOARD (APPOINTED IN CONSULTATION WITH ALL GOVERNMENTS)				
JURISDICTIONAL	CLINICAL AND TECHNICAL	CONSUMER	PRIVACY AND SECURITY	AUDIT AND RISK



- 1 **Jointly funded**
\$259 million 22/23 (\$64M Commonwealth/States)



- 2 **Deliver** national infrastructure and conformance standards

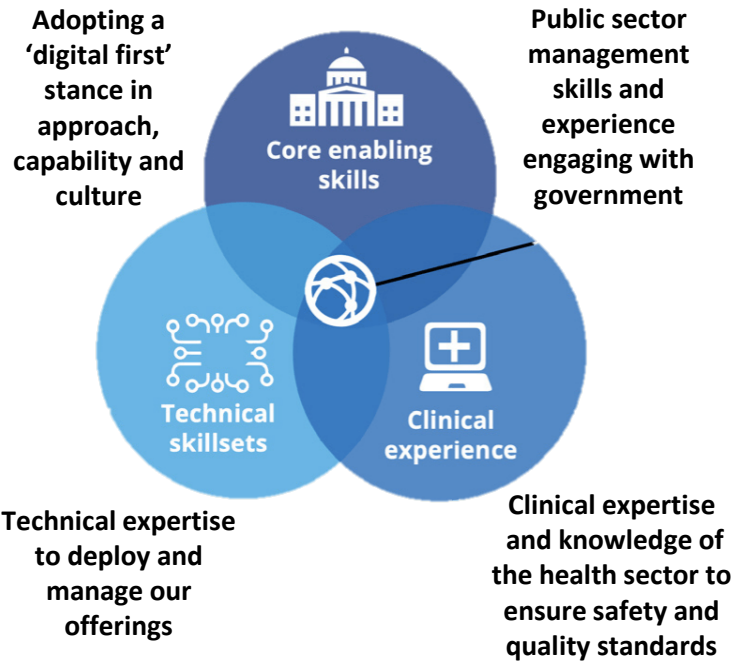


- 3 **Enable** connected care and secure access to clinical Information



- 4 **Special expertise** clinical, safety and informatics, standards and interoperability, IT, research and insights

AGENCY SKILLSET



AGENCY VALUE PROPOSITION



- Support the delivery of health services on a national scale**
- Enable **equitable, timely and secure access**, for consumers and their healthcare providers, to information that **supports safe, quality decision making**



- Facilitate national engagement across the health ecosystem**
- Strong partnerships and mature governance** arrangements support productive co-design, education and adoption of clinical systems to **drive digital enhancement**



- Enable consumer-centred connected technology**
- Multi-disciplinary team** has deep expertise in clinical practice and safety, informatics, standards, IT, research and insights, and government process to **enable connectivity and interoperability**



THE AUSTRALIAN DIGITAL HEALTH AGENCY

The vision, value proposition and key partners for the Australian Digital Health Agency.



OUR VISION

To enable nationally connected, accessible and efficient consumer-centred healthcare

OUR VALUE PROPOSITION

Influence national policy development
and oversee implementation

Transform care through interoperability
and improved access for all consumers

Prioritise investment in connected care
systems and digital health capability

OUR KEY PARTNERS FOR SUCCESS



**Governments
(Fed/States)**
Sustainability of
investments



**Healthcare
Professionals**
Digital take-up and
emerging practice



Consumers
Trust and
engagement



Researchers
Leading data and
evidence-based best
practice



**Industry and
technology vendors**
Health software
sector

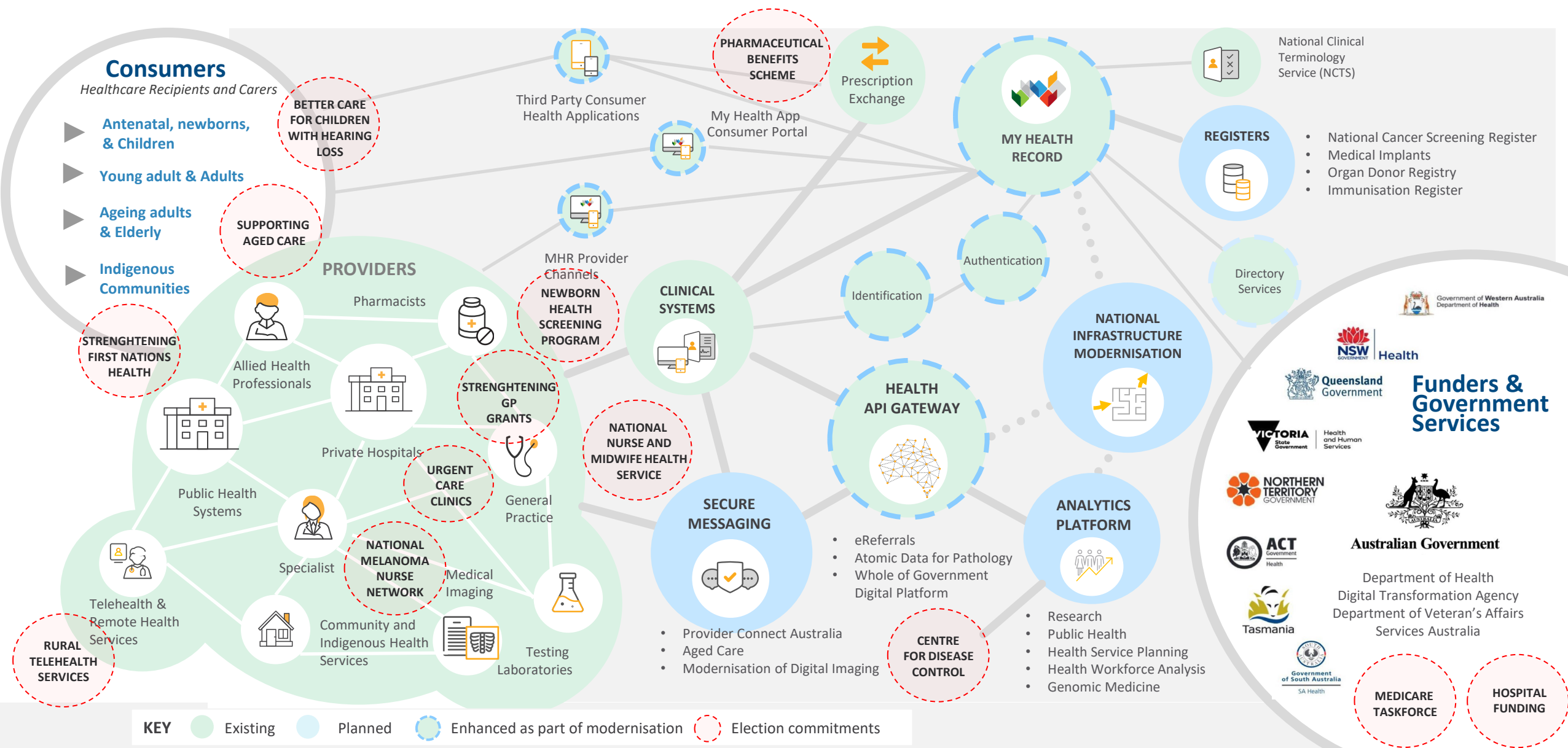


OUR AIMS

- Transform our health systems by connecting clinical with digital to provide coordinated care and data driven solutions
- Change systems and behaviours to improve health outcomes, quality of life and reduce costs/improve sustainability
- Remove barriers to increase uptake of digital health and encourage healthcare innovation

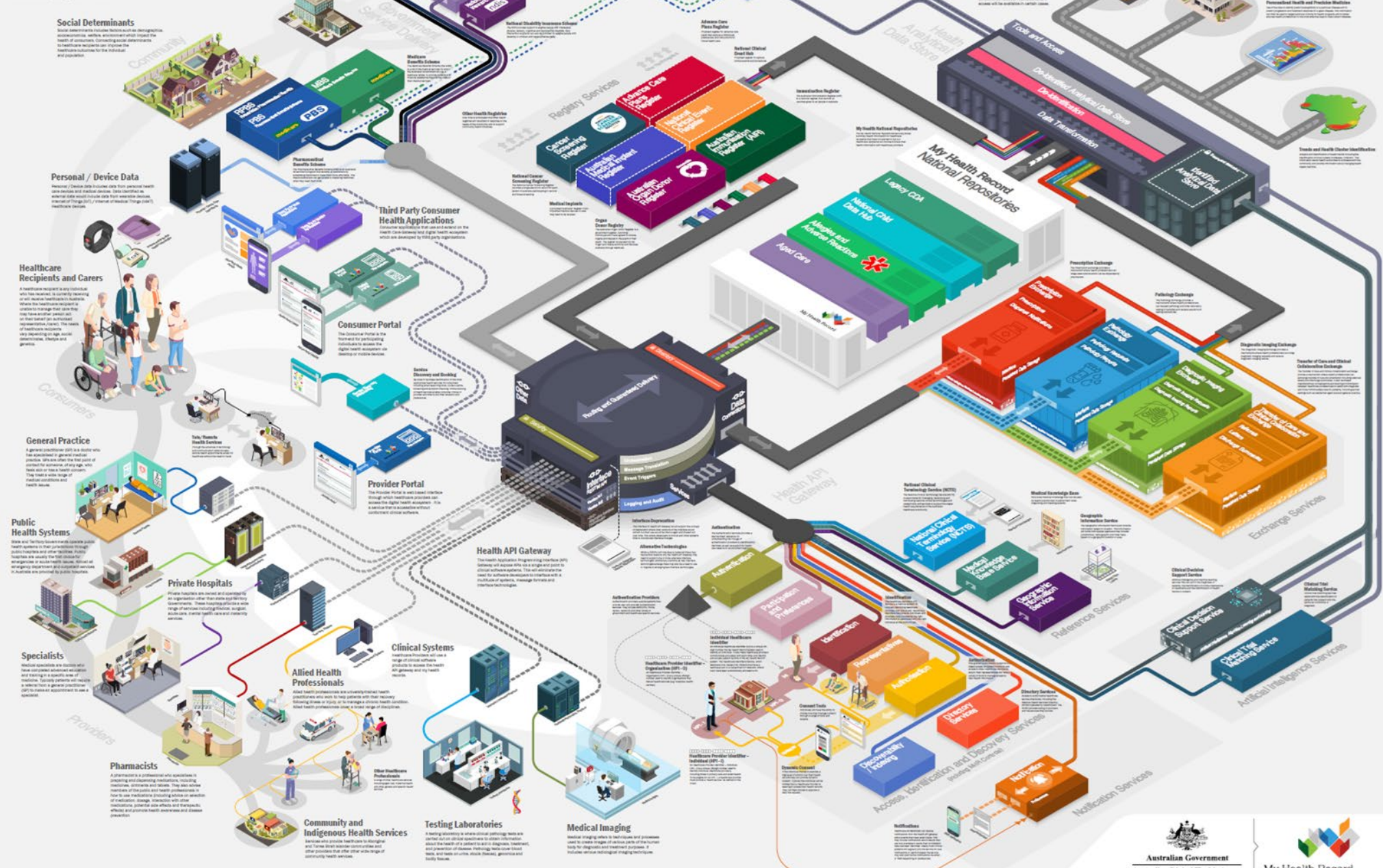


DIGITAL'S CAPACITY TO FILL HEALTH SYSTEM GAPS



PROPOSED FUTURE STATE Digital Health Ecosystem

The following diagram provides an illustrative overview of the proposed national digital health ecosystem. It aims to show how digital health records and data will be shared and exchanged between consumers, patients, healthcare providers, researchers, and governments.



MY HEALTH RECORD THE **BIG** PICTURE

FEBRUARY 2023

More than
23.5M
total My Health Records



CLINICAL DOCUMENTS

366M

uploaded by a healthcare provider like hospitals, pathologists and increasingly specialists.

MEDICINE DOCUMENTS

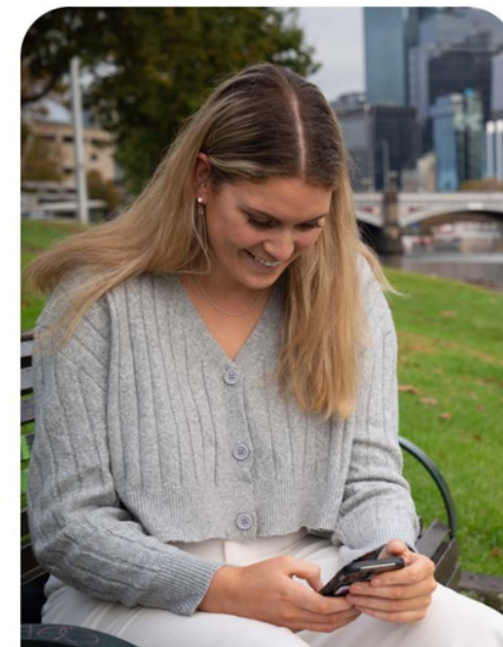
507M

uploaded by healthcare providers like pharmacists and GPs.

CONSUMER DOCUMENTS

470K

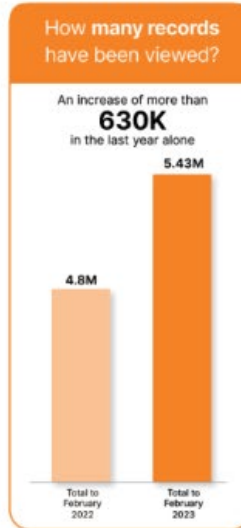
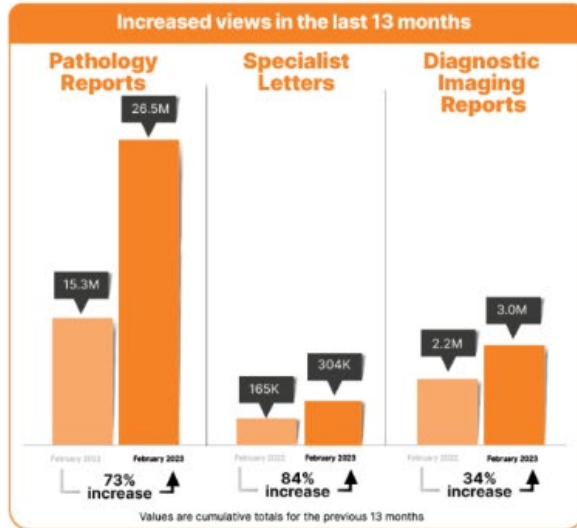
uploaded by people.



272K people have registered for a My Health Record who had previously opted out or cancelled.



HOW ARE PEOPLE USING IT?



This month over **15K** people checked who had accessed their record.

Australians trust My Health Record to keep their health information secure and can decide which healthcare providers can view their record.

What about security and privacy?

Only **51.2K** people have placed advanced access controls in their records.



HOW ARE HEALTHCARE PROVIDERS USING IT?

PHARMACY

99% of pharmacies are now registered

99% have used My Health Record

GP

99% of GPs are now registered

99% have used My Health Record

SPECIALIST

33% of specialists are registered

15% have used My Health Record

PUBLIC HOSPITAL

97% of public hospitals are now registered

95% have used My Health Record



my health app – power to the people (they asked for it)



my health app makes medicines, pathology, and diagnostic imaging information and results available ‘on the move’ with secure access to near real-time information on My Health Record



Data and Digital – *Opportunities for Reform*

1. DRIVE INFORMATION SHARING



- Modernise and grow My Health Record utility by requiring inclusion of pathology and diagnostic imaging results, medicines information; complete and timely discharge and transfer of care summaries
- Designed to support the patient, improve health outcomes, and workforce efficiency as well as reduce duplication, wastage, and hospital admissions, and improve health and digital literacy including in vulnerable populations and remote communities, empowering consumers to take greater control of their health journey

2. ADVANCE REAL TIME DATA EXCHANGE



- In the medium term drive the National Connected Care Plan to introduce conformance standards supported by regulation designed to improve integration and utility of digital health tools by all healthcare professionals and across care settings to increase the information available in real time to the whole care team

3. MODERNISE NATIONAL INFRASTRUCTURE



- Continue to transform national infrastructure, building on the new API Gateway and cloud transition that will enable a move away from documents to a contemporary, structured, data-rich health information ecosystem capable of supporting real-time access to information anywhere, anytime – further improving health outcomes, workforce efficiency and system sustainability
- This will also enable the collection of health data to provide patients and their health care providers with rich and informed insights about their health, and flag future direction, enabling collaborative shared investment.

