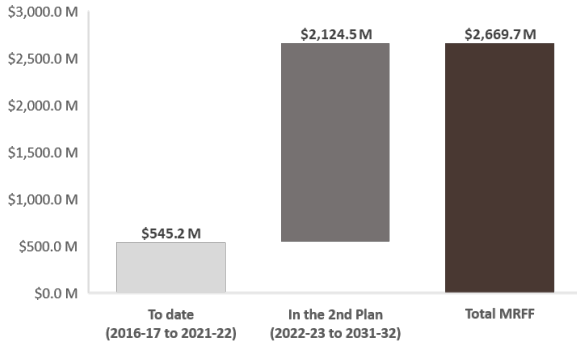


# MRFF FUNDING THEME - RESEARCH TRANSLATION

This theme aims to translate research outcomes into practice by building the evidence base to support the adoption of best practice care into health care delivery.



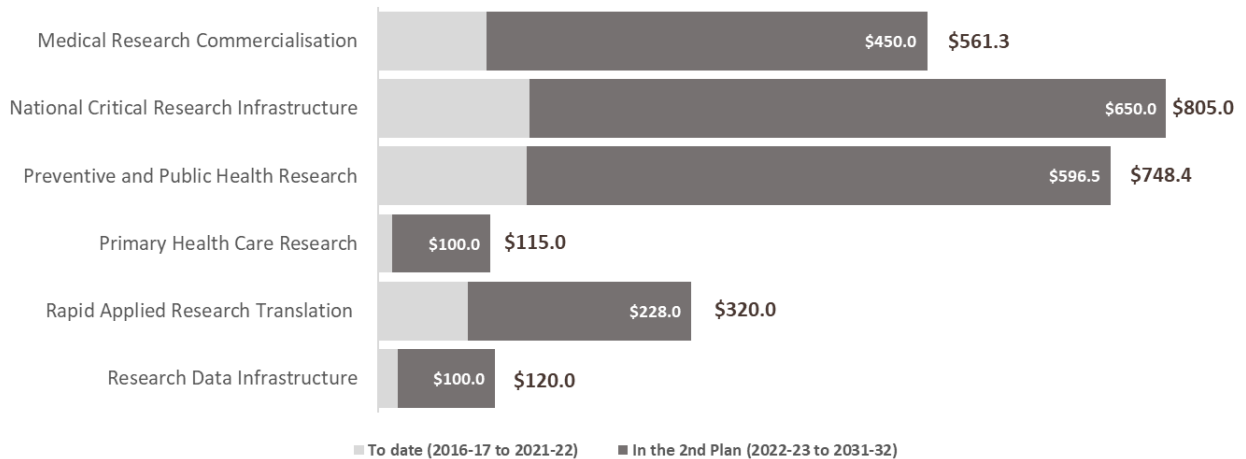
The \$2.125 billion allocated for the Translation theme under the 2<sup>nd</sup> Plan (2022-23 to 2031-32) builds on the funding already provided since the inception of the MRFF.

Overall, \$2.670 billion has been made available from 2016-17 to 2031-32.

There are 6 initiatives under this theme:

- Medical Research Commercialisation
- National Critical Research Infrastructure
- Preventive and Public Health Research
- Primary Health Care Research
- Rapid Applied Research Translation
- Research Data Infrastructure

Funding allocation under the MRFF 10-year Investment Plan, since 2016-17 (million)



# MRFF FUNDING INITIATIVE

## Medical Research Commercialisation

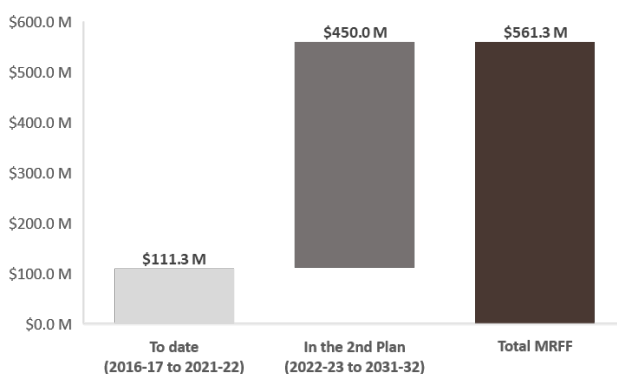
### Objectives

The objective of this initiative is to support early-stage health and medical research and innovation in Australia through to proof-of-concept and beyond, providing opportunities for commercialisation.

This initiative will build on previous support for projects with commercial potential (particularly from small and medium-sized enterprises), with a focus on supporting research discoveries, including for novel or repurposed drugs (preclinical and clinical), devices and digital health technologies, as they progress from proof of concept through to clinical implementation.

Early investments through the 2<sup>nd</sup> Plan include an 'incubator' style funding model that will be used to support and nurture early-stage medical research and medical innovation projects with commercial potential.

### Funding allocation



### Grant activities supported to date

**4** grant opportunities were completed

**7** grants valued at

**\$146.3** million were awarded or announced\*

As of 21 January 2022

\*amount awarded or announced may include amounts payable after 30 June 2022 and may not match funding allocation at the time of publication. Total funding allocated to an initiative is not expected to reduce over the duration of the MRFF 10-year investment plan.

### Key alignment with Priorities

- Translational Research Infrastructure

# MRFF FUNDING INITIATIVE

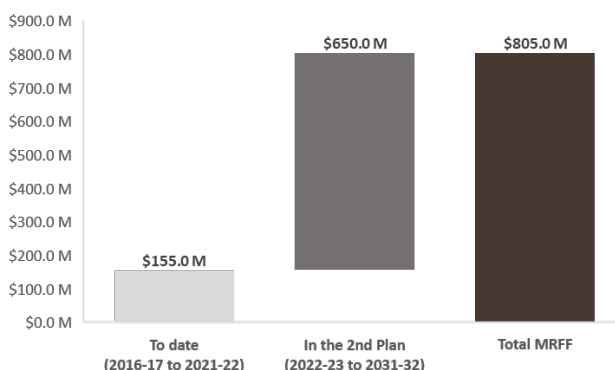
## National Critical Research Infrastructure

### Objectives

The objective of this initiative is to establish and extend infrastructure (facilities, equipment, systems and services) of critical importance that will be used to conduct world-class health and medical research. Through the 2<sup>nd</sup> Plan, funding will be provided through the following streams:

- innovation enablers – promoting the development and implementation of new research methodologies/applications including ‘omics’-led approaches and enhanced data linkage strategies by supporting development and/or expansion of research enablers such as biobanks, tissue repositories, novel platforms, and secure health data environments to create valuable research resources
- digitisation of health care – developing and translating into practice digital therapeutics, artificial intelligence enabled health interventions and technologies (e.g. wearables), applications or other software for use in clinical practice
- co-investment partnerships – co-investment with the research sector, state and territory governments, and industry in significant critical research infrastructure (e.g. facilities and equipment) to support development of research capacity, capability and/or effectiveness in an area of need or to enable Australian research using new platforms
- mRNA technology enablers – leveraging and enhancing emerging mRNA technologies, platforms and infrastructure to accelerate development of mRNA based vaccines and therapeutics and building the capacity and capability of Australian researchers and developing and enhancing the enabling technologies supporting the mRNA sector.

### Funding allocation



### Grant activities supported to date

**4** grant opportunities were completed

**12** grants valued at

**\$152.1** million were awarded or announced\*

As of 21 January 2022

\*amount awarded or announced may include amounts payable after 30 June 2022 and may not match funding allocation at the time of publication. Total funding allocated to an initiative is not expected to reduce over the duration of the MRFF 10-year investment plan.

### Key alignment with Priorities

- Digital Health Intelligence
- Translational Research Infrastructure

# MRFF FUNDING INITIATIVE

## Preventive and Public Health Research

### Objectives

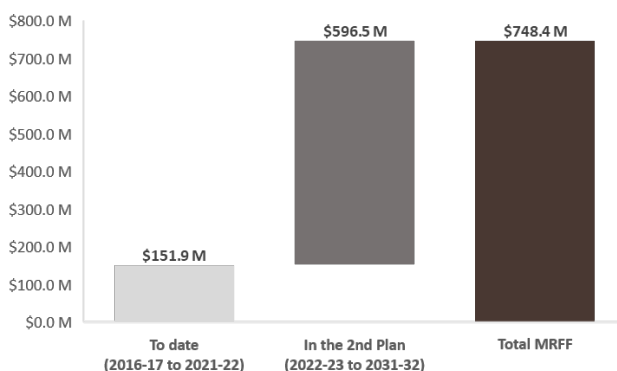
The objective of this initiative is to support research into new ways to address risk factors for chronic and complex diseases in Australia.

Building on earlier investments in preventive and public health research, through the 2<sup>nd</sup> Plan the initiative will support projects that:

- identify and prioritise research that will most benefit patients and their families (Consumer Led Research, \$100 million over 10 years)
- assess the effectiveness of drugs and interventions, in order to improve the evidence base on the cost-effectiveness and comparative effectiveness of health care and strategies (Health Technology Assessment, \$100 million over 10 years)
- support the development and implementation of strategies and approaches for improving the health of pregnant women, mothers, and young children, particularly those focused on vulnerable populations such as Aboriginal and Torres Strait Islander people, culturally and linguistically diverse populations, and people in rural and remote settings (Maternal Health and Early Childhood, \$75 million over 10 years)
- support the development and implementation of strategies and approaches for addressing modifiable risk factors such as diet, physical activity, and smoking, at key life course stages: childhood, adolescence, mid-life, and amongst older people (Promoting Healthy Lifestyles, \$75 million over 10 years)
- improve the quality of care received by Australians living with chronic respiratory diseases and conditions (Chronic Respiratory Conditions, \$65 million over 5 years).

In addition, the initiative will support ongoing investments in the Targeted Translation Research Accelerator, and will support research on the safety, quality and effectiveness of medicines use and medicines interventions by pharmacists.

### Funding allocation



### Grant activities supported to date

**13** grant opportunities were completed  
**72** grants valued at  
**\$159.7** million were awarded or announced\*

As of 21 January 2022  
 \*amount awarded or announced may include amounts payable after 30 June 2022 and may not match funding allocation at the time of publication. Total funding allocated to an initiative is not expected to reduce over the duration of the MRFF 10-year investment plan.

### Key alignment with Priorities

- Public Health Interventions.
- Consumer-Driven Research
- Comparative Effectiveness Research
- Drug repurposing

# MRFF FUNDING INITIATIVE

## Primary Health Care Research

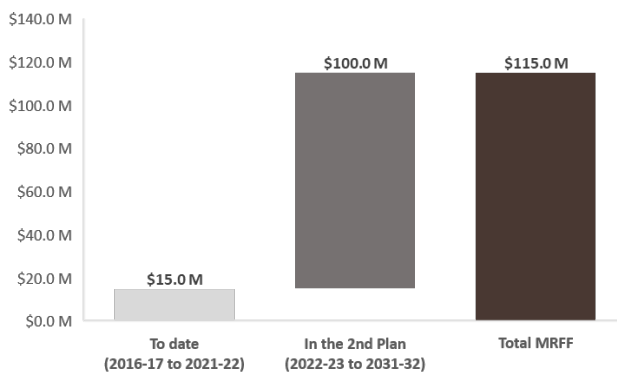
### Objectives

The objective of this initiative is to increase Australia's evidence base in primary health care through research to improve service delivery and patient outcomes, and translate this knowledge into action.

Through the 2<sup>nd</sup> Plan, there will be a focus on supporting projects that enhance equity of access to high quality primary health care through digital health innovation and that help patients to monitor and control their own health care, support continuity of care and enable health care providers and patients to communicate in innovative and timely ways.

Funding decisions will be driven by meaningful engagement with end users, such as patients, clinicians and health service providers, to address specific needs of Australian populations, including those in rural or remote locations.

### Funding allocation



### Grant activities supported to date

**2** grant opportunities were completed  
**11** grants valued at  
**\$13.9** million were awarded or announced\*

As of 21 January 2022

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### Key alignment with Priorities

- Primary Care Research

# MRFF FUNDING INITIATIVE

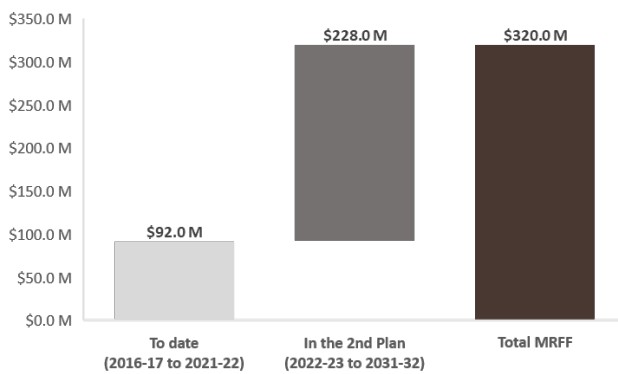
## Rapid Applied Research Translation

### Objectives

The objective of this initiative is to support transformative translational research, so that patients can benefit from better quality of care.

Funding for this initiative supports the translation of research evidence into clinical practice and better quality of care for patients by encouraging collaborations between academic researchers, health service providers, consumers and other end users on projects to improve health care delivery, service and systems sustainability.

### Funding allocation



### Grant activities supported to date

**4** grant opportunities were completed  
**36** grants valued at  
**\$126.9** million were awarded or announced\*

As of 21 January 2022  
 \*amount awarded or announced may include amounts payable after 30 June 2022 and may not match funding allocation at the time of publication. Total funding allocated to an initiative is not expected to reduce over the duration of the MRFF 10-year investment plan.

### Key alignment with Priorities

- Translational Research Infrastructure

# MRFF FUNDING INITIATIVE

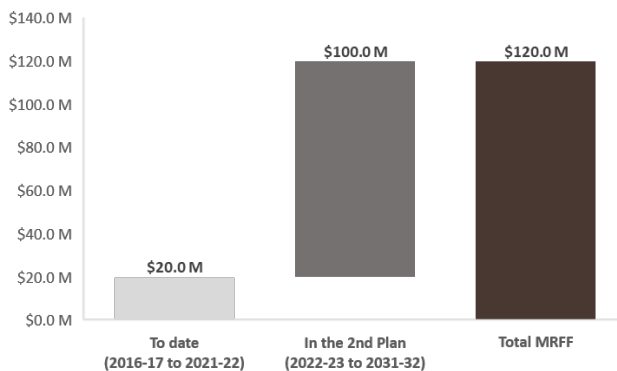
## Research Data Infrastructure

### Objectives

The objective of this initiative is to support strategic investments that establish and extend national research data infrastructure to support world-class health and medical research.

Funding for this initiative supports the creation or extension of national research data infrastructure with a focus on data registries, biobanks and data linkage platforms to enable and enhance Australian medical research. This will include supporting infrastructure that makes evidence-based care easier for health professionals, drives efficient use of resources and advances healthcare.

### Funding allocation



### Grant activities supported to date

**1** grant opportunities was completed  
**7** grants valued at  
**\$12.9** million were awarded or announced\*

As of 21 January 2022

\*amount awarded or announced may include amounts payable after 30 June 2022 and may not match funding allocation at the time of publication. Total funding allocated to an initiative is not expected to reduce over the duration of the MRFF 10-year investment plan.

### Key alignment with Priorities

- Digital Health Intelligence
- Translational Research Infrastructure