

National Healthcare Agreement: PI 68- Proportion of health expenditure spent on health research and development, 2011

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 68-Proportion of health expenditure spent on health research and development, 2011
METEOR identifier:	421567
Registration status:	<ul style="list-style-type: none">• Health, Superseded 31/10/2011
Description:	Proportion of health expenditure spent on health research and development.
Indicator set:	National Healthcare Agreement (2011) Health , Superseded 31/10/2011
Outcome area:	Sustainability Health , Standard 07/07/2010
Quality statement:	National Healthcare Agreement: PI 68-Proportion of health expenditure spent on health research and development, 2011 QS Health, Superseded 04/12/2012

Collection and usage attributes

Computation description:	<p>Health research and development expenditure comprises health research expenditure, excluding that funded by private business, undertaken at tertiary institutions, in private non-profit organisations and in government facilities that has a health socioeconomic objective (Health socio-economic objective defined by Division 92 in the Socio-economic classification of the 2008 ABS and Statistics New Zealand Australian and New Zealand Standard Research Classification (ABS and Statistics New Zealand (2008) Cat no. 1297.0).</p> <p>Excludes commercially oriented research carried out or funded by private business, the costs of which are assumed to be included in the prices charged for the goods and services (e.g. medications that have been developed and/or supported by research activities).</p> <p>Presented as numerator, denominator and percentage.</p>
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$

Numerator: Health research and experimental development expenditure

Numerator data elements:

Data Element / Data Set

Data Element

Health research and experimental development expenditure

Data Source

[AIHW health expenditure database](#)

NMDS / DSS

[Government health expenditure NMDS 2008-09](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—establishment type, sector and services provided code AN.N{.N}](#)

Data Source

[AIHW health expenditure database](#)

NMDS / DSS

[Public hospital establishments NMDS 2009-10](#)

Guide for use

Data source type: Administrative by-product data

Denominator: Total recurrent health expenditure

Denominator data elements:

Data Element / Data Set

[Establishment—establishment type, sector and services provided code AN.N{.N}](#)

Data Source

[AIHW health expenditure database](#)

NMDS / DSS

[Government health expenditure NMDS 2008-09](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Organisation—purchase of goods and services, total Australian currency NNNNN.N](#)

Data Source

[AIHW health expenditure database](#)

NMDS / DSS

[Government health expenditure NMDS 2008-09](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Organisation—employee related expenses, total Australian currency NNNNN.N](#)

Data Source

[AIHW health expenditure database](#)

NMDS / DSS

[Government health expenditure NMDS 2008-09](#)

Guide for use

Data source type: Administrative by-product data

Disaggregation:

2007–08 and 2008–09—State and territory (numerator/denominator/percentage)

Disaggregation data elements:

Data Element / Data Set

[Jurisdiction—Australian state/territory identifier, code N](#)

Data Source

[AIHW health expenditure database](#)

NMDS / DSS

[Government health expenditure NMDS 2008-09](#)

Guide for use

Data source type: Administrative by-product data

Comments: The AIHW estimates of research expenditure are derived from unpublished ABS data collected in the ABS Surveys of research and experimental development (8111.0 Research and Experimental Development, Higher Education Organisations, 2006–07 and 2008–09; and 8109.0 Research and Experimental Development, Government and Private Non-Profit, Australia, 2006–07 and 2008–09). These data are available every two years. For in-between years, AIHW makes estimates based on interpolation.

Most recent data available for 2011 CRC report: 2007–08 (updated as necessary for revised total health expenditure estimates) and 2008–09.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Currency

Format: N.N

Indicator conceptual framework

Framework and dimensions: [Efficiency & Sustainability](#)

[Effectiveness](#)

Data source attributes

Data sources: **Data Source**

[AIHW health expenditure database](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Accountability attributes

Reporting requirements: National Healthcare Agreement

Organisation responsible for providing data: Australian Institute of Health and Welfare

Further data development / collection required: Specification: Long-term

Relational attributes

Related metadata references:

Supersedes [National Healthcare Agreement: P68-Proportion of health expenditure spent on health research and development, 2010](#)

- [Health](#), Superseded 08/06/2011

Has been superseded by [National Healthcare Agreement: PI 68-Proportion of recurrent health expenditure spent on health research and development, 2012](#)

- [Health](#), Retired 25/06/2013

See also [National Healthcare Agreement: PI 66-Public health program expenditure as a proportion of total health expenditure, 2011](#)

- [Health](#), Superseded 31/10/2011

See also [National Healthcare Agreement: PI 67-Capital expenditure on health and aged care facilities as a proportion of capital consumption expenditure on health and aged care facilities, 2011](#)

- [Health](#), Superseded 31/10/2011