National Healthcare Agreement: P68-Proportion of health expenditure spent on health research and development, 2010

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# National Healthcare Agreement: P68-Proportion of health expenditure spent on health research and development, 2010

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| Identifying and definitional attributes |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | Proportion of health expenditure spent on health research and development, 2010 |
| METEOR identifier: | 395152 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011 |
| Description: | Proportion of health expenditure spent on health research and development. |
| Indicator set: | [National Healthcare Agreement (2010)](https://meteor.aihw.gov.au/content/392471)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011 |
| Outcome area: | [Sustainability](https://meteor.aihw.gov.au/content/393495)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 07/07/2010 |
| Data quality statement: | [National Healthcare Agreement: P68-Proportion of health expenditure spent on health research and development, 2010 QS](https://meteor.aihw.gov.au/content/393100)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011 |

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| Collection and usage attributes |
| Computation description: | Excludes commercially oriented and general 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). |
| Computation: | 100 × (Numerator ÷ 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**[ABS Survey of Research and Experimental Development](https://meteor.aihw.gov.au/content/395151)**Guide for use**Data source type: SurveyHealth research and development expenditure comprises health research undertaken at tertiary institutions, in private non-profit organisations and in government facilities that has a health socioeconomic objective**Data Element / Data Set**[Establishment—establishment type, sector and services provided code AN.N{.N}](https://meteor.aihw.gov.au/content/269971)**Data Source**[ABS Survey of Research and Experimental Development](https://meteor.aihw.gov.au/content/395151)**Guide for use**Data source type: Survey |
| Denominator: | Total recurrent health expenditure |
| Denominator data elements: | **Data Element / Data Set**[Establishment—establishment type, sector and services provided code AN.N{.N}](https://meteor.aihw.gov.au/content/269971)**Data Source**[AIHW health expenditure database](https://meteor.aihw.gov.au/content/395380)**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](https://meteor.aihw.gov.au/content/359935)**Data Source**[AIHW health expenditure database](https://meteor.aihw.gov.au/content/395380)**Guide for use**Data source type: Administrative by-product data**Data Element / Data Set**[Organisation—employee related expenses, total Australian currency NNNNN.N](https://meteor.aihw.gov.au/content/359947)**Data Source**[AIHW health expenditure database](https://meteor.aihw.gov.au/content/395380)**Guide for use**Data source type: Administrative by-product data |
| Disaggregation data elements: | **Data Element / Data Set**[Establishment—Australian state/territory identifier, code N](https://meteor.aihw.gov.au/content/269941)**Data Source**[ABS Survey of Research and Experimental Development](https://meteor.aihw.gov.au/content/395151)**Guide for use**Data source type: Survey |
| Comments: | Specified disaggregation: State/territory. Available disaggregation: State/territory.2008-09 data will be available in September 2010.Most recent data available for 2010 CRC baseline report: 2007-08. |
| Representational attributes |
| Representation class: | Percentage |
| Data type: | Real |
| Unit of measure: | Currency |
| Format: | N.N |
| Indicator conceptual framework |
| Framework and dimensions: | [Efficiency & Sustainability](https://meteor.aihw.gov.au/content/392586)[Effectiveness](https://meteor.aihw.gov.au/content/392587)  |
| Data source attributes |
| Data sources: | **Data Source**[AIHW health expenditure database](https://meteor.aihw.gov.au/content/395380)**Frequency**Annual**Data custodian** Australian Institute of Health and Welfare **Data Source**[ABS Survey of Research and Experimental Development](https://meteor.aihw.gov.au/content/395151)**Frequency**Every 2 years. For in-between years, the AIHW makes estimates based on interpolation.**Data custodian** Australian Bureau of Statistics  |
| 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-termNo further data development planned. |
| Other issues caveats: | Consider scope issues including looking at previous work by Rebecca James, and CSIRO workshop 2008. Also cross refer to activity-based funding (ABF) work on estimated research and development expenditure in hospitals. |
| Relational attributes  |
| Related metadata references: | Has been superseded by [National Healthcare Agreement: PI 68-Proportion of health expenditure spent on health research and development, 2011](https://meteor.aihw.gov.au/content/421567)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011See also [National Healthcare Agreement: P66-Public health program expenditure as a proportion of total health expenditure, 2010](https://meteor.aihw.gov.au/content/395143)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011See also [National Healthcare Agreement: P67-Capital expenditure on health and aged care facilities as a proportion of capital consumption expenditure on health and aged care facilities, 2010](https://meteor.aihw.gov.au/content/395147)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011 |