

National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2015

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National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2015

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 33-Full time equivalent health workforce, 2015
METEOR identifier:	559000
Registration status:	Health , Superseded 08/07/2016
Description:	Full time equivalent employed health practitioner rate (for the professions of medical practitioners, nurses/midwives, dental practitioners and allied health practitioners).
Indicator set:	National Healthcare Agreement (2015) Health , Superseded 08/07/2016
Outcome area:	Sustainability Health , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2015 QS Health , Superseded 08/07/2016

Collection and usage attributes

Computation description: For this indicator, the workforce for each profession is defined as those employed in the profession. This excludes those who are registered in the profession but are retired from regular work, working outside the profession, working in the profession but on extended leave of 3 months or more or working outside Australia.

Full-time equivalent (FTE) number = Total hours worked by workforce ÷ Standard working week for selected professions.

For the purpose of this indicator, a fulltime working week has been defined as 40 hours for medical practitioners and as 38 hours for dental practitioners, nurses and midwives, and allied health practitioners.

Allied health practitioners comprises Aboriginal and Torres Strait Islander health practitioners, Chinese medical practitioners, chiropractors, medical radiation practitioners, occupational therapists, optometrists, osteopaths, pharmacists, physiotherapists, podiatrists and psychologists.

Computation: $100,000 \times (\text{Numerator} \div \text{Denominator})$

Numerator: Full-time equivalent (FTE) number in the workforce in the reference year

Numerator data elements:

Data Element / Data Set

Data Element

Health professional—hours worked (in all jobs)

Data Source

[State/territory health practitioner registration board data](#)

Guide for use

Data source type: Administrative by-product

Data Element / Data Set

Data Element

Health professional—occupation

Data Source

[State/territory health practitioner registration board data](#)

Guide for use

Data source type: Administrative by-product

Occupation codes for the selected occupations initially available are A01 to A06 and C01 to C98

Data Element / Data Set**Data Element**

Medical practitioner—hours worked

Data Source

[State/territory health practitioner registration board data](#)

Guide for use

Data source type: Administrative by-product

Data Element / Data Set

[Health professional—hours worked \(in all jobs\), total NNN](#)

Data Source

[AIHW Health Labour Force Surveys](#)

NMDS / DSS

[Health labour force NMDS](#)

Guide for use

Data source type: Survey

Data Element / Data Set

[Medical practitioner—hours worked, total NNN](#)

Data Source

[AIHW Health Labour Force Surveys](#)

NMDS / DSS

[Health labour force NMDS](#)

Guide for use

Data source type: Survey

Data Element / Data Set

[Health professional—occupation, code ANN](#)

Data Source

[AIHW Health Labour Force Surveys](#)

NMDS / DSS

[Health labour force NMDS](#)

Guide for use

Data source type: Survey

Occupation codes for the selected occupations initially available are A01 to A06 and C01 to C98

Denominator:

Australian population in the reference year

Denominator data elements:**Data Element / Data Set**

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

Data Source

[ABS Estimated resident population \(total population\)](#)

Guide for use

Data source type: Census-based plus administrative by-product data

Disaggregation:

2013 —State and territory by age group by profession for the following professions:

- medical practitioners
- nursing and midwifery
- dental practitioners
- allied health practitioners

Disaggregation data elements:**Data Element / Data Set****Data Element**

Establishment—Australian state/territory identifier

Data Source

[State/territory health practitioner registration board data](#)

Guide for use

Data source type: Administrative by-product

Data Element / Data Set**Data Element**

Health professional—occupation

Data Source

[State/territory health practitioner registration board data](#)

Guide for use

Data source type: Administrative by-product

Data Element / Data Set**Data Element**

Health professional—principal role

Data Source

[State/territory health practitioner registration board data](#)

Guide for use

Data source type: Administrative by-product

Data Element / Data Set

Data Element / Data Set

Data Element

Principle place of practice-Australian state/territory identifier

Data Source

[AIHW Health Labour Force Surveys](#)

NMDS / DSS

[Health labour force NMDS](#)

Guide for use

Data source type: Survey

Data Element / Data Set

[Health professional—occupation, code ANN](#)

Data Source

[AIHW Health Labour Force Surveys](#)

NMDS / DSS

[Health labour force NMDS](#)

Guide for use

Data source type: Survey

Occupation codes for the selected occupations initially available are A01 to A06 and C01 to C98

Data Element / Data Set

[Health professional—principal role, code N](#)

Data Source

[AIHW Health Labour Force Surveys](#)

NMDS / DSS

[Health labour force NMDS](#)

Guide for use

Data source type: Survey

Comments: Most recent data available for the 2015 National Healthcare Agreement (NHA) performance reporting: 2013.

The 2013 workforce data was sourced by the Australian Institute of Health and Welfare (AIHW) from the Australian Health Practitioner Regulation Agency (AHPRA) and the Health Workforce Australia (HWA).

Full-time equivalent (FTE) employed health practitioner rates calculated from the National Health Workforce Data Set are available on a national basis from 2011.

For medical practitioners, nurses and midwives, dental practitioners and allied health practitioners, 10-year age groups will be needed to support the disaggregation by state and territory. Age groups are: under 25, 25–34, 35–44, 45–54, 55–64 and 65 or over.

Status of the calculation of fulltime equivalent employed health practitioner rate for professions is:

1. Medical practitioner workforce: Data for 2013 are available.
2. Nursing and midwifery workforce: Data for 2013 are available.
3. Dental workforce: Data for 2013 are available.
4. Allied health workforce: Data for 2013 are available. The allied health workforce comprises the professions of Aboriginal and Torres Strait Islander health practitioners, Chinese medical practitioners, chiropractors, medical radiation practitioners, occupational therapists, optometrists, osteopaths, pharmacists, physiotherapists, podiatrists and psychologists.

Representational attributes

Representation class: Rate

Data type: Real

Unit of measure: Person

Format: N[N].N

Indicator conceptual framework

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

Data source attributes

Data sources:

Data Source

[ABS Estimated resident population \(total population\)](#)

Frequency

Quarterly

Data quality statement

[ABS Estimated resident population \(total population\), QS](#)

Data custodian

Australian Bureau of Statistics

Data Source

[State/territory health practitioner registration board data](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Data Source

[AIHW Health Labour Force Surveys](#)

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: Minor work required, the measure needs minor work to meet the intention of the indicator.

Relational attributes

Related metadata references:

Supersedes [National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population \(by age group\), 2014](#)
[Health](#), Superseded 14/01/2015

Has been superseded by [National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population \(by age group\), 2016](#)
[Health](#), Superseded 31/01/2017

See also [National Healthcare Agreement: PI 12-Waiting times for GPs, 2015](#)
[Health](#), Superseded 08/07/2016