

National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2013

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National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2013

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 33-Full time equivalent health workforce, 2013
METEOR identifier:	496813
Registration status:	Health! , Superseded 30/04/2014
Description:	Full time equivalent employed health practitioner rate (for the professions of medical practitioners, nurses/midwives and dental practitioners).
Indicator set:	National Healthcare Agreement (2013) Health! , Superseded 30/04/2014
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), 2013 QS Health! , Superseded 14/01/2015

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, working outside the profession, 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 and nurses and midwives.

Computation: $1000 \times (\text{Numerator} \div \text{Denominator})$

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

Numerator data elements:

Data Element / Data Set

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

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

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:
Denominator data elements:

Australian population in the reference year

Data Element / Data Set

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

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

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

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Data source type: Survey

Data Element / Data Set

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

Data Source

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Guide for use

Data source type: Survey

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

Disaggregation:

2010 (medical practitioner only) and 2011 - state and territory by profession, by age group.

Disaggregation data elements:

Data Element / Data Set

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

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

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

Principal 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 2013 Council of Australian Governments (COAG) Reform Council (CRC) report: 2011.

Full time equivalent (FTE) employed health practitioner rates calculated from the National Health Workforce Data Set will be available on a national basis for 2011 and subsequent years.

For medical practitioners, nurses and midwives and dental 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 2010 is available but does not include Queensland and Western Australia. Data for 2011 will be available for all states and territories.
2. Nursing and midwifery workforce: Data for 2011 is available, however Western Australia data is incomplete.
3. Dental workforce: Data for 2011 is available.

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

[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 65-Net growth in health workforce, 2012](#)

[Health!](#), Superseded 25/06/2013

Has been superseded by [National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population \(by age group\), 2014](#)

[Health!](#), Superseded 14/01/2015

See also [National Healthcare Agreement: PI 12-Waiting times for GPs, 2013](#)

[Health!](#), Superseded 30/04/2014