National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2014

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National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2014

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 33-Full time equivalent health workforce, 2014
METEOR identifier:	517611
Registration status:	Health, Superseded 14/01/2015
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Indicator set:	National Healthcare Agreement (2014) Health, Superseded 14/01/2015
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PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2014 QS Health, Superseded 14/01/2015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 from regular work, 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, 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 × (Numerator ÷ 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), total NNN **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

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

Guide for use

Data source type: Administrative by-product

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

[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

[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: 2010 —State and territory by age group by profession for the following professions:

- medical practitioners (resupplied for updated Estimated Resident Population (ERP))

2011 —State and territory by age group by profession for the following professions:

- medical practitioners (resupplied for updated ERP)
- nursing and midwifery (resupplied for updated ERP)
- dental practitioners (resupplied for updated ERP)
- allied health practitioners

2012 —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**   │
│   │
│ Principle place of practice-Australian state/territory identifier   │
│   │
│ **Guide for use**   │
│   │
│ Data source type: Survey   │
│   │
└──┘

┌─ **Data Element / Data Set** ───┐
│   │
│ [Establishment—Australian state/territory identifier, code N](#)   │
│   │
│ **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, code ANN](#)   │
│   │
│ **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, 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

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

Guide for use

Data source type: Administrative by-product

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 2014 Council of Australian Governments (COAG) Reform Council (CRC) report: 2012.

The Australian Institute of Health and Welfare (AIHW) provide data originally sourced from the Australian Health Practitioner Regulation Agency (AHPRA) and Health Workforce Australia (HWA), and its availability for NHA reporting is dependent upon AHPRA and HWA providing their respective data in accordance with agreed timings (see below for profession-specific details).

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, 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 2012 have not been received from AHPRA or HWA.
2. Nursing and midwifery workforce: Data for 2012 are available.
3. Dental workforce: Data for 2012 have not been received from AHPRA or HWA.
4. Allied health workforce: For 2011, data are available for the professions of chiropractors, optometrists, osteopaths, pharmacists, physiotherapists, podiatrists and psychologists. Data for 2012 are available and in addition to the previously listed professions include Aboriginal and Torres Strait Islander health practitioners, Chinese medical practitioners, medical radiation practitioners and occupational therapists.

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), 2013](#)
[Health](#), Superseded 30/04/2014

Has been superseded by [National Healthcare Agreement: PI 33-Full time equivalent employed health practitioners per 1,000 population (by age group), 2015](#)
[Health](#), Superseded 08/07/2016

See also [National Healthcare Agreement: PI 12-Waiting times for GPs, 2014](#)
[Health](#), Superseded 14/01/2015