# 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| **Registration status:** | Health!, Superseded 08/07/2016 |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)<br>Health!, Superseded 08/07/2016 |
| **Outcome area:** | Sustainability<br>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<br>Health!, Superseded 08/07/2016 |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 × (Numerator ÷ Denominator)

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

**Numerator data elements:**

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**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

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**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 C08

**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)](#)
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│ **Guide for use**
│
│ Data source type: Census-based plus administrative by-product data
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**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** ─────────────────────
│
│ Establishment—Australian state/territory identifier
│
│ **Data Source**
│
│ [State/territory health practitioner registration board data](#)
│
│ **Guide for use**
│
│ Data source type: Administrative by-product
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┌─ **Data Element / Data Set** ─────────────────────
│
│ Health professional—occupation
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│ **Data Source**
│
│ [State/territory health practitioner registration board data](#)
│
│ **Guide for use**
│
│ Data source type: Administrative by-product
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┌─ **Data Element / Data Set** ─────────────────────
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│ Health professional—principal role
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│ **Data Source**
│
│ [State/territory health practitioner registration board data](#)
│
│ **Guide for use**
│
│ Data source type: Administrative by-product
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┌─ **Data Element / Data Set** ─────────────────────
│
│ 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

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┌─ **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

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┌─ **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

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|---|---|
| **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

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

## Data source attributes

**Data sources:**

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**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

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**Data Source**

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

**Frequency**

Annual

**Data custodian**

Australian Institute of Health and Welfare

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**Data Source**

[AIHW Health Labour Force Surveys](#)

**Frequency**

Annual

**Data custodian**

Australian Institute of Health and Welfare

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# 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

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