

# National Healthcare Agreement: PI 33—Full time equivalent employed health practitioners per 1,000 population (by age group), 2019

Exported from METEOR (AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website's material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at <https://creativecommons.org/licenses/by/4.0/>.

Enquiries relating to copyright should be addressed to [info@aihw.gov.au](mailto:info@aihw.gov.au).

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at [meteor@aihw.gov.au](mailto:meteor@aihw.gov.au).

# National Healthcare Agreement: PI 33–Full time equivalent employed health practitioners per 1,000 population (by age group), 2019

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 33–Full time equivalent health workforce, 2019
<b>METEOR identifier:</b>	698870
<b>Registration status:</b>	<a href="#">Health!</a> , Superseded 13/03/2020
<b>Description:</b>	Full-time equivalent (FTE) employed health practitioners per 100,000 population (for the professions of medical practitioners, nurses/midwives, dental practitioners and allied health practitioners).
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2019)</a> <a href="#">Health!</a> , Superseded 13/03/2020
<b>Outcome area:</b>	<a href="#">Sustainability</a> <a href="#">Health!</a> , Standard 07/07/2010

## Collection and usage attributes

<b>Computation description:</b>	<p>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.</p> <p>FTE number = Total hours worked by workforce ÷ Standard working week for selected professions.</p> <p>For the purpose of this indicator, a full-time 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.</p> <p>Allied health practitioners comprise Aboriginal and Torres Strait Islander health practitioners, Chinese medical practitioners, chiropractors, medical radiation practitioners, occupational therapists, optometrists, osteopaths, pharmacists, physiotherapists, podiatrists and psychologists.</p>
<b>Computation:</b>	$100,000 \times (\text{Numerator} \div \text{Denominator})$
<b>Numerator:</b>	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 Element / Data Set**

Health professional—hours worked (in all jobs)

**Data Element / Data Set**

Health professional—occupation, code ANN

**Data Element / Data Set**

Health professional—occupation

**Data Element / Data Set**

Medical practitioner—hours worked, total NNN

**Data Element / Data Set**

Medical practitioner—hours worked

**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:**

2017—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 Element / Data Set**

Health professional—occupation, code ANN

**Data Element / Data Set**

Health professional—occupation

**Data Element / Data Set**

Health professional—principal role, code N

**Data Element / Data Set**

Health professional—principal role

**Data Element / Data Set**

Principal place of practice—Australian state/territory identifier

**Comments:**

Most recent data available for the 2019 National Healthcare Agreement performance reporting: 2017.

The 2017 workforce data was sourced by the Australian Institute of Health and Welfare (AIHW) from the Australian Government Department of Health.

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 full-time equivalent employed health practitioner rate for professions is:

1. Medical practitioner workforce: Data for 2017 are available.
2. Nursing and midwifery workforce: Data for 2017 are available.
3. Dental workforce: Data for 2017 are available.
4. Allied health workforce: Data for 2017 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[NNN].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

## 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 \(by age group\), 2018](#)  
[Health!](#), Superseded 19/06/2019

Has been superseded by [National Healthcare Agreement: PI 33–Full time equivalent employed health practitioners per 1,000 population \(by age group\), 2020](#)  
[Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 12–Waiting times for GPs, 2019](#)  
[Health!](#), Superseded 13/03/2020