National Healthcare Agreement: PI 33–Full time equivalent employed health practitioners per 1,000 population (by age group), 2021

Exported from METEOR (AIHW's Metadata Online Registry)

National Healthcare Agreement: PI 33–Full time equivalent employed health practitioners per 1,000 population (by age group), 2021

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 33–Full time equivalent health workforce, 2021
METEOR identifier:	725755
Registration status:	Health!, Standard 16/09/2020
Description:	Full-time equivalent (FTE) employed health practitioners per 100,000 population (for the registered professions of medical practitioners, nurses/midwives, dentists, allied dental practitioners and allied health practitioners).
Indicator set:	National Healthcare Agreement (2021) Health!, Standard 19/11/2020
Outcome area:	Sustainability Health!, Standard 07/07/2010

Collection and usage attributes

Computation description:	For this indicator, the workforce for each profession is defined as those employed in Australia 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. FTE number = Total hours worked by workforce ÷ Standard working week for selected professions. 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 all other practitioners. Allied dental practitioners comprise dental therapists, dental prosthetists, dental hygienists and oral health therapists. Allied health practitioners comprise Aboriginal and Torres Strait Islander health practitioners, Chinese medicine practitioners, chiropractors, medical radiation practitioners, occupational therapists, optometrists, osteopaths, pharmacists, physiotherapists, podiatrists and psychologists. Since 2012–13, data have been presented as a *rate per 100,000 population* to improve interpretability (previously per 1,000 population).
Computation:	100,000 × (Numerator ÷ Denominator)
Numerator:	FTE number in the workforce in the reference year

Numerator data elements:

┌─ **Data Element / Data Set** ─────────────────────────

Health profession—registered profession code, code AAAA

Data Source

[National Health Workforce Data Set](#)

Guide for use

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

└──

┌─ **Data Element / Data Set** ─────────────────────────

Total FTE—based on hours worked (in all jobs), total NNN

Data Source

[National Health Workforce Data Set](#)

Guide for use

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

└──

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: 2019—State and territory by age group by profession for the following professions:

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

Disaggregation data elements:

Data Element / Data Set

Age group—age

Data Source

[National Health Workforce Data Set](#)

Guide for use

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

---

Data Element / Data Set

Health profession—registered profession code, code AAAA

Data Source

[National Health Workforce Data Set](#)

Guide for use

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

---

Data Element / Data Set

State—Australian state/territory identifier

Data Source

[National Health Workforce Data Set](#)

Guide for use

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

---

Comments:

Most recent data available for the 2021 National Healthcare Agreement performance reporting: 2019.

The 2019 National Health Workforce Dataset was sourced 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, dentists, allied 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 2019 are available.
2. Nursing and midwifery workforce: Data for 2019 are available.
3. Dental workforce: Data for 2019 are available.
4. Allied health workforce: Data for 2019 are available. The allied health workforce comprises the professions of Aboriginal and Torres Strait Islander health practitioners, Chinese medicine 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

└───┘

┌─ **Data Source** ───┐

[National Health Workforce Data Set](#)

Data custodian

Australian Government Department of Health

└───┘

Accountability attributes

Reporting requirements:	National Healthcare Agreement
Organisation responsible for providing data:	Australian Government Department of Health
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), 2020](#) [Health!](#), Standard 13/03/2020
	Has been superseded by [National Healthcare Agreement: PI 33–Full time equivalent employed health practitioners per 1,000 population (by age group), 2022](#) [Health!](#), Standard 24/09/2021
	See also [National Healthcare Agreement: PI 12–Waiting times for GPs, 2021](#) [Health!](#), Standard 03/07/2020