National Healthcare Agreement: PI 33–Full time equivalent employed health practitioners per 1,000 population (by age group), 2018

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Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 33–Full time equivalent health workforce, 2018
METEOR identifier:	658465
Registration status:	Health!, Superseded 19/06/2019
Description:	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).
Indicator set:	National Healthcare Agreement (2018) Health!, Superseded 16/06/2019
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), 2018 QS Health!, Standard 30/01/2018

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. 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 dental practitioners, nurses and midwives, and allied health practitioners. 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.
Computation:	100,000 × (Numerator ÷ Denominator)
Numerator:	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

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Disaggregation: 2016—State and territory by age group by profession for the following professions:

- medical practitioners
- nursing and midwifery
- dental practitioners (not reported)

2015 (not reported), 2016—State and territory by age group by profession for:

- 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 2018 National Healthcare Agreement performance reporting: 2016.

The 2016 workforce data was sourced by the Australian Institute of Health and Welfare (AIHW) from the Australian Health Practitioner Regulation Agency and 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 2016 are available.
2. Nursing and midwifery workforce: Data for 2016 are available.
3. Dental workforce: Data for 2016 are available.
4. Allied health workforce: Data for 2016 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), 2017 Health!, Superseded 30/01/2018
	Has been superseded by National Healthcare Agreement: PI 33–Full time equivalent employed health practitioners per 1,000 population (by age group), 2019 Health!, Superseded 13/03/2020
	See also National Healthcare Agreement: PI 12–Waiting times for GPs, 2018 Health!, Superseded 19/06/2019