

# National Healthcare Agreement: P65-Net growth in health workforce, 2010

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# National Healthcare Agreement: P65-Net growth in health workforce, 2010

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	Net growth in health workforce, 2010
<b>METEOR identifier:</b>	395140
<b>Registration status:</b>	<a href="#">Health!</a> , Superseded 08/06/2011
<b>Description:</b>	Net growth in the health workforce (for the professions of medical practitioners, dentists and nurses/midwives)
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2010)</a> <a href="#">Health!</a> , Superseded 08/06/2011
<b>Outcome area:</b>	<a href="#">Sustainability</a> <a href="#">Health!</a> , Standard 07/07/2010
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: P65-Net growth in health workforce, 2010 QS</a> <a href="#">Health!</a> , Superseded 08/06/2011

## Collection and usage attributes

<b>Computation description:</b>	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, working outside the profession, on extended leave or working outside Australia.  FTE = Total hours worked by workforce ÷ Standard working week for selected professions.  The standard working week for medical practitioners is 40 hours, and the standard working week for nurses/midwives and dentists is 38 hours.
<b>Computation:</b>	$100 \times ((\text{Numerator} - \text{Denominator}) \div \text{Denominator})$
<b>Numerator:</b>	Full-time equivalent (FTE) number in the workforce in the reference year
<b>Numerator data elements:</b>	

### 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  
Until data are available from the new National Registration and Accreditation Scheme, data for 'health professionals' is for medical practitioners, dentists and nurses/midwives only

### 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, B01 to B06, 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  
Until data are available from the new National Registration and Accreditation Scheme, data for 'health professionals' is for medical practitioners, dentists and nurses/midwives only

**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, B01 to B06, C01 to C98

**Denominator:**

Full-time equivalent (FTE) number in the workforce in the year prior to the reference year

**Denominator data elements:**

**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  
Until data are available from the new National Registration and Accreditation Scheme, data for 'health professionals' is for medical practitioners, dentists and nurses/midwives only

**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, B01 to B06, 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  
Until data are available from the new National Registration and Accreditation Scheme, data for 'health professionals' is for medical practitioners, dentists and nurses/midwives only

**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, B01 to B06, C01 to C98

**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

**Data Element / Data Set**

Health professional—principal role

**Data Source**

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

**Guide for use**

Data source type: Administrative by-product

**Data Element / Data Set**

[Establishment—Australian state/territory identifier, code N](#)

**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—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:**

Specified disaggregation: Nationally and state/territory by profession, clinician/non-clinician status.

Available disaggregation: Nationally and state/territory by profession, clinician/non-clinician status.

Most recent data available for 2010 CRC baseline report: 2007 (medical practitioner and nursing/midwifery labour force data), 2006 (dentist labour force data).

## Representational attributes

**Representation class:** Percentage  
**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

[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: Interim

Initially only medical practitioners, dentists and nurses/midwives can be reported on. As the National Registration and Accreditation Scheme data become available, information on all 11 professions covered by that scheme (medical, dental, nursing, midwifery, optometry, osteopathy, occupational therapists, pharmacy, physiotherapy, psychology and chiropractic) could be used. From 2012, Aboriginal and Torres Strait Islander health practitioners, Chinese medicine practitioners and medical radiation practitioners will also be included in the Scheme.

Questionnaires used to collect workforce information as part of the National Registration and Accreditation Scheme will need to be designed carefully to ensure the relevant data on labour force status and hours worked are collected.

**Other issues caveats:** Until data are available from the new National Registration and Accreditation Scheme, the only available data will be for medical practitioners, dentists and nurses/midwives.

For the medical practitioner workforce, report net growth between 2005 and 2006, and between 2006 and 2007 (i.e. two measures).

For the dental workforce, report net growth between 2005 and 2006 (most recent workforce data).

For the nursing/midwifery workforce, report net growth between 2005 and 2007 (2006 data are not available).

## Relational attributes

### Related metadata references:

Has been superseded by [National Healthcare Agreement: P1 65-Net growth in health workforce, 2011](#)

[Health!](#), Superseded 31/10/2011

See also [National Healthcare Agreement: P14-Waiting times for GP's, 2010](#)

[Health!](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P24-GP-type services, 2010](#)

[Health!](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P64a-Indigenous Australians in the health workforce, 2010](#)

[Health!](#), Superseded 08/06/2011

[Indigenous](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P64b-Indigenous Australians in the health workforce, 2010](#)

[Health!](#), Superseded 08/06/2011