

National Healthcare Agreement: P26-Dental services, 2010

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National Healthcare Agreement: P26-Dental services, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Output measure
Short name:	Dental services, 2010
METEOR identifier:	394906
Registration status:	Health , Superseded 08/06/2011
Description:	Differential rates for use of dental services per 1,000 population.
Indicator set:	National Healthcare Agreement (2010) Health , Superseded 08/06/2011
Outcome area:	Primary and Community Health Health , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: P26-Dental services (National Dental Telephone Interview Survey), 2010 QS Health , Superseded 04/12/2012

Collection and usage attributes

Population group age from:	5 years of age and over (2 years and over for Indigenous people)
Computation description:	<p>The numerator is to be divided into people who visited a dentist for emergency or general treatment.</p> <p>Specific types of services are to be classified into areas of service according to the ADA Schedule of Dental Services. Visits are classified as <u>emergency</u> if for relief of pain, and as <u>general</u> if for problems not involving relief of pain or for a check-up.</p> <p>Service estimates are to be restricted to dentate persons. <u>Dentate persons</u> are classified on the basis of the presence of one or more natural teeth.</p> <p>Presented per 1,000 population.</p> <p>Rates are directly age-standardised to the Australian population as at 30 June 2001.</p>
Computation:	<p>$1,000 \times (\text{Numerator} \div \text{Denominator})$</p> <p>Calculated separately for public and private providers.</p>
Numerator:	Number of persons who visited a dentist in the last 12 months

Numerator data elements:**Data Element / Data Set****Data Element**

Persons who visited a dental provider in the last 12 months

Data Source

[ABS 2004-05 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Persons who visited a dental provider in the last 12 months

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Persons who visited a dental provider in the last 12 months

Data Source

[National Dental Telephone Interview Survey \(NDTIS\)](#)

Guide for use

Data source type: Survey

Denominator:

Population aged 5 years or over

Denominator data elements:**Data Element / Data Set****Data Element**

Person—estimated resident population of Australia

Data Source

[ABS Estimated resident population \(total population\)](#)

Guide for use

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

Data Element / Data Set**Data Element**

Person—estimated resident population of Australia

Data Source

[ABS 2004-05 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Person—estimated resident population of Australia

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[ABS Estimated resident population \(total population\)](#)

Guide for use

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

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[ABS 2004-05 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Disaggregation data elements:

Data Element / Data Set

Data Element

Person (address)—Australian postcode

Data Source

[National Dental Telephone Interview Survey \(NDTIS\)](#)

Guide for use

Data source type: Survey

Used for disaggregation by state/territory, remoteness area and SEIFA of residence

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Comments:

Specified disaggregation: Nationally and by state/territory: by Indigenous status, remoteness area and SEIFA of residence.

Available disaggregation: Nationally and by state/territory: by Indigenous status, remoteness area and SEIFA of residence.

NDTIS 2008 data will be available from 2009.

Most recent data available for 2010 CRC baseline report: Data for NDTIS was collected in 2008, and the next scheduled round of data collection for NDTIS is 2010.

Representational attributes

Representation class:	Rate
Data type:	Real
Unit of measure:	Person
Format:	NN[N].N

Indicator conceptual framework

Framework and dimensions:	Accessibility
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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 Dental Telephone Interview Survey \(NDTIS\)](#)

Frequency

Every 2 and a half years

Data custodian

Australian Institute of Health and Welfare

Data Source

[ABS 2004-05 National Health Survey \(NHS\)](#)

Frequency

Every 3 years

Data custodian

Australian Bureau of Statistics

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Frequency

Every 6 years

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: Interim

The Dental Statistics Research Unit has developed proposals to enhance the information available through the National Dental Telephone Interview Survey (NDTIS), a supplementary Indigenous community survey, and for additional patient surveys that could inform public dental programs.

Future population surveys will be supplemented by a survey of Indigenous communities, conducted concurrently with the NDTIS.

To ensure better coverage of the population through the NDTIS, desired enhancements would include an increase in the sample of 5–17 year-olds included in the survey, and an extension of the sample age range to include 2–4 year-olds. This information would be supplemented by data from a concurrent Indigenous community survey.

Additional surveys of patients could be used to enhance the estimates from the NDTIS. These could include private and public patients.

Development of a survey using a sample of patients could provide valuable information on public dental programs such as care provided to teens, those with chronic medical conditions, and patients receiving treatment through the Department of Veterans' Affairs.

Public sector administrative data on visits and services provided to public patients would provide useful additional detail to supplement the population level data obtained from the NDTIS.

Other issues caveats:

Remoteness area and SEIFA of residence are based on postcode of residence.

Disaggregation by remoteness area and SEIFA of residence within individual states/territories is subject to data quality considerations.

Disaggregation by Indigenous status for 2010 reporting is to be based on ABS surveys. Data may not be directly comparable to other disaggregations. Indigenous/non-Indigenous disaggregation is not able to be reported by type of visit or provider.

In order to enhance the value of the differential service use data, it would be helpful to analyse service use in relation to estimated need for services. For example, actual and need-adjusted service use rates could be compared across socioeconomic areas, remoteness areas or by Indigenous status. Need could be estimated based on population health survey data about, for example, self-assessed health status and long-term health conditions.

Relational attributes

**Related metadata
references:**

Has been superseded by [National Healthcare Agreement: P126-Dental services, 2011](#)

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

See also [National Healthcare Agreement: P15-Waiting times for public dentistry, 2010](#)

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

See also [National Healthcare Agreement: P16-People deferring recommended treatment due to financial barriers, 2010](#)

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

See also [National Healthcare Agreement: P25-Specialist services claimed through Medicare, 2010](#)

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

See also [National Healthcare Agreement: P26-Dental services \(National Aboriginal and Torres Strait Islander Health Survey\), 2010 QS](#)

[Health](#), Retired 12/03/2015