Number of tonsillectomy hospitalisations per 100,000 people aged 17 years and under, 2012-13, 2015-16 and 2017-18

Exported from METEOR (AIHW's Metadata Online Registry)

Number of tonsillectomy hospitalisations per 100,000 people aged 17 years and under, 2012-13, 2015-16 and 2017-18

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Tonsillectomy hospitalisations 17 years and under, 2012-13, 2015-16 and 2017-18
METEOR identifier:	723655
Registration status:	Australian Commission on Safety and Quality in Health Care, Standard 27/04/2021
Description:	Number of tonsillectomy hospitalisations per 100,000 people aged 17 years and under, age-sex standardised.
Indicator set:	Australian Atlas of Healthcare Variation 2021 Australian Commission on Safety and Quality in Health Care, Standard 27/04/2021

Collection and usage attributes

Population group age from:	17 years and under
Computation description:	**Inclusion codes, description and additional requirements**

ACHI (7th, 9th 10th editions) procedure code	Description	Additional requirements
41789-00	Tonsillectomy without adenoidectomy	Include records with at least one of the listed procedures. A record with more than one of the listed procedures is counted only once.
41789-01	Tonsillectomy with adenoidectomy	Include records with at least one of the listed procedures. A record with more than one of the listed procedures is counted only once.

Exclusion codes and description

Care type	Description
7.3	Newborn – unqualified days only
9.0	Organ procurement – posthumous
10.0	Hospital boarder

Rates are directly age-sex standardised, to the 30 June 2001 Australian population aged 17 years and under, using 5-year age groups: 0-4, 5-9, 10-14 and 15-17.Presented as a number of hospitalisations per 100,000 people.

Indigenous and other Australian rates are directly age-sex standardised, to the 30 June 2001 Australian population aged 17 years and under, using 5-year age groups: 0-4, 5-9, 10-14 and 15-17.

Population estimates at 31 December are calculated as an average of the 30 June population estimates before and after the relevant December to derive a midpoint (31 December) population estimate.

For more information about age-standardisation in general see Glossary item **Age-standardised rate.**

Analysis by Statistical Area Level 3 (SA3) 2016 is based on:

- Statistical Area Level 2 (SA2) 2011 of usual residence of the patient for 2012-13 and 2015-16, converted to SA3 (ASGS 2016) equivalents through an ABS concordance file
- SA2 2016 of usual residence of the patient for 2017-18.

Suppress data (number and rate) if at least one of the following conditions are met:

· the total denominator is less than 1,000

· the total numerator is less than 20.

Age-sex standardised rates are also suppressed where the denominator for at least one of the age-sex groups used to calculate the rate is below 30 and results of sensitivity analysis indicate that the rates are volatile. However, for SA3 data, if the volatility of the rate is not found to have a material impact on its decile, the rate is published with caution. For more information about the sensitivity analysis, see the Technical supplement of the Fourth Atlas.

Consequential suppression may be applied to preserve confidentialised data.

Computation:	100,000 x (Numerator ÷ Denominator)
Numerator:	Number of tonsillectomy hospitalisations, 17 years and under, 2012-13, 2015-16 and 2017-18.
Numerator data elements:	

Data Element / Data Set

Episode of admitted patient care—admission date, DDMMYYYY

Data Source

National Hospital Morbidity Database (NHMD)

NMDS / DSS

Admitted patient care NMDS 2012-13

Guide for use

Data Source Type: Administrative by-product data

Data Element / Data Set

Person—sex, code A

Data Source

National Hospital Morbidity Database (NHMD)

NMDS / DSS

Admitted patient care NMDS 2015-16

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—sex, code A

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2017-18](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Episode of admitted patient care—procedure, code (ACHI 10th edn) NNNNN-NN](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2017-18](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Hospital service—care type, code N[N]](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2012-13](#)

Guide for use

Data Source Type:Administrative by-product data

Data Element / Data Set

[Hospital service—care type, code N[N]](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2015-16](#)

Guide for use

Data Source Type:Administrative by-product data

Data Element / Data Set

[Hospital service—care type, code N[N]](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2017-18](#)

Guide for use

Data Source Type: Administrative by-product data

Data Element / Data Set

[Episode of admitted patient care—admission date, DDMMYYYY](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2015-16](#)

Guide for use

Data Source Type: Administrative by-product data

Data Element / Data Set

[Episode of admitted patient care—admission date, DDMMYYYY](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2017-18](#)

Guide for use

Data Source Type:Administrative by-product data

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2012-13](#)

Guide for use

Data Source Type: Administrative by-product data

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2015-16](#)

Guide for use

Data Source Type:Administrative by-product data

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2017-18](#)

Guide for use

Data Source Type:Administrative by-product data

Data Element / Data Set

[Episode of admitted patient care—procedure, code (ACHI 7th edn) NNNNN-NN](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2012-13](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Episode of admitted patient care—procedure, code (ACHI 9th edn) NNNNN-NN](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2015-16](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—sex, code A](#)

Data Source

[National Hospital Morbidity Database (NHMD)](#)

NMDS / DSS

[Admitted patient care NMDS 2012-13](#)

Guide for use

Data source type: Administrative by-product data

Denominator: Total population aged 17 years and under, as at 31 December 2012, 2015 and 2017

Denominator data elements:	

Data Element / Data Set

[Person—estimated resident population of Australia, total people N[N(7)]](#)

Data Source

[ABS Australian Demographic Statistics](#)

Guide for use

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

Data Element / Data Set

[Person—estimated resident population of Australia, total people N[N(7)]](#)

Data Source

[ABS Indigenous estimates and projections (2016 Census-based)](#)

Guide for use

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

Data Element / Data Set

[Person—estimated resident population of Australia, total people N[N(7)]](#)

Data Source

[ABS Regional Population by Age and Sex, Australia](#)

Guide for use

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

Disaggregation:
SA3 2016
Remoteness (ASGS Remoteness structure 2016)
Socio-Economic Indexes for Areas (SEIFA 2016) Index of Relative Socioeconomic Disadvantage (IRSD 2016)

Primary Health Network (PHN) 2017

State and Territory by:

- Aboriginal and Torres Strait Islander status
- Patient funding status
- Patient funding status for tonsillectomy with adenoidectomy.

Disaggregation data elements:

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

Establishment—sector, code N

Data Source

National Hospital Morbidity Database (NHMD)

Guide for use

For more information about the patient funding status, see the Technical Supplement of the Fourth Atlas

Data source type: Administrative by-product data

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

Episode of admitted patient care—patient election status, code N

Data Source

National Hospital Morbidity Database (NHMD)

Guide for use

Data source type: Administrative by-product data

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

Person—area of usual residence, statistical area level 2 (SA2) code (ASGS 2016) N(9)

Data Source

National Hospital Morbidity Database (NHMD)

Guide for use

Data source type: Administrative by-product data

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

Episode of care—source of funding, patient funding source code NN

Data Source

National Hospital Morbidity Database (NHMD)

Guide for use

Data source type: Administrative by-product data

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

Person—Indigenous status, code N

Data Source

National Hospital Morbidity Database (NHMD)

Guide for use

Data source type: Administrative by-product data

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Representational attributes

Representation class:	Rate
Data type:	Integer

Unit of measure: Episode

Format: NN[NNNN]

Data source attributes

Data sources:

Data Source

[ABS Australian Demographic Statistics](#)

Frequency

Quarterly

Data custodian

Australian Bureau of Statistics

Data Source

[National Hospital Morbidity Database (NHMD)](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Data Source

[ABS Indigenous estimates and projections (2016 Census-based)](#)

Frequency

Periodic

Data custodian

Australian Bureau of Statistics

Data Source

[ABS Regional Population by Age and Sex, Australia](#)

Frequency

Annually

Data custodian

Australian Bureau of Statistics

Accountability attributes

| **Methodology:** | Statistical Area Level 3 (SA3s) are geographic areas defined in the ABS Australian Statistical Geography Standard (ASGS). The aim of SA3s is to create a standard framework for the analysis of ABS data at the regional level through clustering groups of SA2s that have similar regional characteristics. There are 340 spatial SA3s covering the whole of Australia without gaps or overlaps. They are designed to provide a regional breakdown of Australia. SA3s generally have a population of between 30,000 and 130,000 people. There are approximately 78 with fewer than 30,000 people and 46 with more than 130,000 as at 30 June 2016. The Other Territories of Jervis Bay, Cocos (Keeling) Islands, Christmas Island and Norfolk Island are each represented by a SA3 in the 2016 ASGS. For further information see the [ABS publication, Population by Age and Sex, Regions of Australia, 2016. ABS.](#)

The scope of the NHMD is episodes of care for admitted patients in all public and private acute and psychiatric hospitals, free-standing day hospital facilities and alcohol and drug treatment centres in Australia. Hospitals operated by the Australian Defence Force, corrections authorities and in Australia's off-shore territories are not in scope, but some are included. |
|---|---|
| **Reporting requirements:** | Australian Commission on Safety and Quality in Health Care

Australian Atlas of Healthcare Variation 2021 |
Organisation responsible for providing data:	Australian Institute of Health and Welfare
Accountability:	Australian Commission on Safety and Quality in Health Care
Release date:	28/04/2021

Source and reference attributes

Submitting organisation:	Australian Commission on Safety and Quality in Healthcare

Relational attributes

| **Related metadata references:** | See also [3.6 Number of tonsillectomy admissions to hospital per 100,000 people aged 17 years and under, 2012-13](#)
[Australian Commission on Safety and Quality in Health Care](#), Standard 23/11/2016
[National Health Performance Authority (retired)](#), Retired 01/07/2016

See also [ABS Estimated resident population (total population), QS](#)
[Health](#), Standard 08/06/2011

See also [ABS Indigenous experimental estimates and projections, QS](#)
[Health](#), Standard 08/06/2011
[Indigenous](#), Standard 11/09/2012 |
|---|---|