

# **Australian Atlas of Healthcare Variation: Number of cataract surgery hospitalisations per 100,000 people aged 40 years and over, 2014-15**

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# Australian Atlas of Healthcare Variation: Number of cataract surgery hospitalisations per 100,000 people aged 40 years and over, 2014-15

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	Cataract surgery hospitalisations 40 years and over, 2014-15
<b>METEOR identifier:</b>	639090
<b>Registration status:</b>	<a href="#">Australian Commission on Safety and Quality in Health Care, Standard 07/06/2017</a>
<b>Description:</b>	Number of cataract surgery hospitalisations per 100,000 people aged 40 years and over, age and sex standardised. Data are disaggregated by the area in which the person lives.
<b>Indicator set:</b>	<a href="#">Australian Atlas of Healthcare Variation 2017</a> <a href="#">Australian Commission on Safety and Quality in Health Care, Standard 07/06/2017</a>

## Collection and usage attributes

<b>Population group age from:</b>	40 years and over
<b>Computation description:</b>	<b>Inclusion codes, description and additional requirements</b>

### Codes for extraction and insertion

ACHI 8th edition code	Description	Additional requirements
42703-00 [193]	Insertion of artificial lens into posterior chamber and suture to iris and sclera	Include records with at least one of the listed procedures. A record with more than one of the listed procedures are only counted once.
42701-00 [193]	Insertion of foldable artificial lens	
42701-01 [193]	Insertion of other artificial lens	
42698-00 [195]	Intracapsular extraction of crystalline lens	
42702-00 [195]	Intracapsular extraction of crystalline lens with insertion of foldable artificial lens	
42702-01 [195]	Intracapsular extraction of crystalline lens with insertion of other artificial lens	
42698-01 [196]	Extracapsular extraction of crystalline lens by simple aspiration (and irrigation) technique	

42702-02 [196]	Extracapsular extraction of crystalline lens by simple aspiration (and irrigation) technique with insertion of foldable artificial lens
42702-03 [196]	Extracapsular extraction of crystalline lens by simple aspiration (and irrigation) technique with insertion of other artificial lens
42698-02 [197]	Extracapsular extraction of crystalline lens by phacoemulsification and aspiration of cataract
42702-04 [197]	Extracapsular extraction of crystalline lens by phacoemulsification and aspiration of cataract with insertion of foldable artificial lens
42702-05 [197]	Extracapsular extraction of crystalline lens by phacoemulsification and aspiration of cataract with insertion of other artificial lens
42698-03 [198]	Extracapsular extraction of crystalline lens by mechanical phacofragmentation and aspiration of cataract
42702-06 [198]	Extracapsular extraction of crystalline lens by mechanical phacofragmentation and aspiration of cataract with insertion of foldable artificial lens
42702-07 [198]	Extracapsular extraction of crystalline lens by mechanical phacofragmentation and aspiration of cataract with insertion of other artificial lens
42698-04 [199]	Other extracapsular extraction of crystalline lens
42702-08 [199]	Other extracapsular extraction of crystalline lens with insertion of foldable artificial lens
42702-09 [199]	Other extracapsular extraction of crystalline lens with insertion of other artificial lens
42731-01 [200]	Extraction of crystalline lens by posterior chamber sclerotomy with removal of vitreous
42698-05 [200]	Other extraction of crystalline lens

42702-10 [200]	Other extraction of crystalline lens with insertion of foldable artificial lens
42702-11 [200]	Other extraction of crystalline lens with insertion of other artificial lens
42734-00 [201]	Capsulotomy of lens
42788-00 [201]	Capsulotomy of lens by laser
42791-02 [201]	Corticolysis of lens material by laser
42719-00 [201]	Capsulectomy of lens
42722-00 [201]	Capsulectomy of lens by posterior chamber sclerotomy
42731-00 [201]	Capsulectomy of lens by posterior chamber sclerotomy with removal of vitreous
42719-02 [201]	Mechanical fragmentation of secondary membrane

#### Exclusion codes and description

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

Presented as a number per 100,000 people.

Rates are directly age- and sex- standardised, to the 2001 Australian population aged 40 years and over, using 5-year age groups: 40-44, 45-49, ... , 80-84, 85 and over.

Indigenous and other Australian rates are directly age and sex standardised, to the 2001 Australian population aged 40 years and over, using 5-year age groups: 40-44, 45-49, ... , 60-64, 65 and over.

For more information about age-standardisation in general see </content/index.phtml/itemId/327276>

Analysis by Statistical Area Level 3 (SA3) is based on Statistical Area Level 2 (SA2) of usual residence of the patient.

Suppress data (number or 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 and sex standardised rates are suppressed where the denominator for at least one of the age and sex groups used to calculate the rate is below 30.

**Computation:**  $100,000 \times (\text{Numerator} \div \text{Denominator})$

**Numerator:** Number of cataract surgery hospitalisations 40 years and over.

**Numerator data elements:**

**Data Element / Data Set**

[Person—date of birth, DDMMYYYY](#)

**Data Source**

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

**NMDS / DSS**

[Admitted patient care NMDS 2014-15](#)

**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 2014-15](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Episode of admitted patient care—procedure, code \(ACHI 8th edn\) NNNNN-NN](#)

**Data Source**

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

**NMDS / DSS**

[Admitted patient care NMDS 2014-15](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:** Total population aged 40 years and over as at 30 June, 2014.

**Denominator data elements:**

**Data Element / Data Set**

Person—estimated resident population of Australia

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**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:**

SA3

- Remoteness (ASGC Remoteness structure) and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socioeconomic Disadvantage (IRSD)

State and territory by:

- Indigenous status
- Patient funding status

**Disaggregation data elements:**

**Data Element / Data Set**

[Person—area of usual residence, statistical area level 2 \(SA2\) code \(ASGS 2011\) N\(9\)](#)

**Data Source**

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

## Representational attributes

**Representation class:** Rate  
**Data type:** Integer  
**Unit of measure:** Episode  
**Format:** N[NNNN]

## Data source attributes

**Data sources:**

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Frequency**

Periodic

**Data quality statement**

[ABS Indigenous experimental estimates and projections, QS](#)

**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 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**

**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 333 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 50 with fewer than 30,000 people and 35 with more than 130,000 as at 30 June 2011. For further information see the ABS publication, Australian Statistical Geography Standard (ASGS): Volume 1 – Main Structure and Greater Capital City Statistical Areas, July 2011 (cat. no. 1270.0.55.001).

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.

Private hospitals include private free-standing day hospital facilities and other private hospitals (which also include private psychiatric hospitals).

**Reporting requirements:** Australian Commission on Safety and Quality in Health Care

*Australian Atlas of Healthcare Variation*

**Organisation responsible for providing data:** Australian Institute of Health and Welfare

**Accountability:** Australian Commission on Safety and Quality in Health Care

**Release date:** 07/06/2017

## Source and reference attributes

**Submitting organisation:** Australian Commission on Safety and Quality in Health Care