6.6 Number of asthma and COPD admissions to hospital per 100,000 people aged 45 years and over, 2012–13

Exported from METEOR (AIHW's Metadata Online Registry)

6.6 Number of asthma and COPD admissions to hospital per 100,000 people aged 45 years and over, 2012–13

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Asthma and COPD hospital admissions 45 years and over, 2012-13
METEOR identifier:	611786
Registration status:	Australian Commission on Safety and Quality in Health Care, Standard 23/11/2016 National Health Performance Authority (retired), Retired 01/07/2016
Description:	Number of asthma and COPD admissions to hospital per 100,000 people aged 45 years and over, age standardised. Data are disaggregated by the area in which the person lives.

Indicator set:	Australian Atlas of Healthcare Variation
	    Australian Commission on Safety and Quality in Health Care, Standard 23/11/2016
	    National Health Performance Authority (retired), Retired 01/07/2016

Collection and usage attributes

Population group age from:	45 years and over
Computation description:	

Presented as a number per 100,000 people, age standardised, by Statistical Area Level 3.

Analysis by Statistical Area Level 3 (SA3) is based on postcode of usual residence of the patient. The postcode is based on that which is provided by the patient to the hospital at which they are admitted.

SA3s where the total population was less than 2,500 and where the population of people aged 45 years and over was less than 200 are excluded.

Suppression protocol for calculating age standardised rates:

Numerator	Total admissions less than 20 (unrounded)
Denominator	ERP for one or more five year age groups less than 30

Computation:	100,000 x (Numerator ÷ Denominator), age standardised

For more information about age-standardisation, see

/content/index.phtml/itemId/327276

Numerator:	Number of asthma and COPD admissions to hospital for people aged 45 years and over in 2012-13.
Numerator data elements:	

Data Element / Data Set

Person—date of birth, DDMMYYYY

NMDS / DSS

Admitted patient care NMDS 2012-13

Guide for use

People aged between 45 years and over in 2012-13 who were admitted to hospital with a diagnosis of Asthma and COPD were included in the analysis of this item.

Data Element / Data Set

[Episode of care—additional diagnosis, code (ICD-10-AM 7th edn) ANN{.N[N]}](#)

Data Source

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

NMDS / DSS

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

Guide for use

Inclusion codes for Principal and Additional diagnosis:

ICD-10-AM (7th edn) code	Description
1. Principal diagnosis only	
J41	**Simple and mucopurulent chronic bronchitis**
J42	**Unspecified chronic bronchitis**
J43	**Emphysema**
J44	**Other chronic obstructive pulmonary disease**
J45	**Asthma**
J46	**Status asthmaticus**
2. Principal diagnosis J20 with additional diagnosis J41, J42, J43, J44	**Acute bronchitis**

Data source type: Administrative by-product data

Data Element / Data Set

[Episode of care—principal diagnosis, code (ICD-10-AM 7th edn) ANN{.N[N]}](#)

Data Source

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

NMDS / DSS

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

Data Element / Data Set

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

NMDS / DSS

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

Guide for use

Include all care types except:

Code	Description
7.3	Unqualified newborn
10.0	Hospital border
9.0	Organ procurement

Denominator: Total population aged 45 years and over

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

ABS Estimated resident population as at June 2001

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

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Disaggregation: Statistical Area Level 3, which have been derived from Postcode—Australian (person):

- 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).

Disaggregation data elements:

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

Address—Australian postcode, Australian postcode code (Postcode datafile) {NNNN}

Data Source

National Hospital Morbidity Database (NHMD)

Guide for use

Postcode is based on that which is provided by the patient to the hospital at which they are admitted.

Data source type: Administrative by-product data

Used for disaggregation by Statistical Area Level 3.

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

Address—statistical area, level 3 (SA3) code (ASGS 2011) NNNNN

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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 Estimated resident population (total population)](#)

Frequency

Quarterly

Data quality statement

[ABS Estimated resident population (total population), QS](#)

Data custodian

Australian Bureau of Statistics

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┌─ **Data Source** ─────────────────────────────────────

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

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

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Accountability attributes

Reporting requirements:	Australian Commission of Safety and Quality in Health Care's Atlas of Healthcare Variation, released November 2015
Organisation responsible for providing data:	Australian Institute of Health and Welfare
Accountability:	Australian Commission of Safety and Quality in Health Care

Source and reference attributes

Submitting organisation:	National Health Performance Authority