

2.3 Number of MBS-funded services for computed tomography imaging of the lumbar spine per 100,000 people, 2013-14

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	CT imaging of the lumbar spine, 2013-14
METEOR identifier:	612098
Registration status:	<ul style="list-style-type: none">• 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 MBS-funded services for computed tomography (CT) imaging of the lumbar spine per 100,000 people, age standardised. Data are disaggregated by the area in which the person lives.
Indicator set:	Australian Atlas of Healthcare Variation National Health Performance Authority (retired) , Retired 01/07/2016 Australian Commission on Safety and Quality in Health Care , Standard 23/11/2016

Collection and usage attributes

Population group age from:	All ages
Computation description:	<p>Presented as a number per 100,000 people, age standardised, by Statistical Area Level 3.</p> <p>Analysis by Statistical Area Level 3 (SA3) is based on postcode of usual residence of the patient. Postcode was based on the patient's Medicare enrolment postcode at the last processed MBS record (of any type) during 2013–14 (financial year of processing).</p> <p>SA3s with a total population of less than 2,500 population are excluded.</p> <p>Suppression protocol for calculating age-standardised rates:</p>

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

Computation:	$100,000 \times (\text{Numerator} \div \text{Denominator})$, age standardised
	For more information on age-standardisation see /content/index.phtml/itemId/327276
Numerator:	Number of MBS-funded services for CT imaging of the lumbar spine claimed through the Medicare Benefits Schedule (MBS) in 2013-14

Numerator data elements:

Data Element / Data Set
[Service event—Medicare Benefits Schedule \(MBS\) aggregate item identifier, NNNN\[N\]](#)
Data Source
[Medicare \(MBS\) data](#)
Guide for use

Data source type: Administrative by-product data

MBS codes	Description
56223	COMPUTED TOMOGRAPHY - scan of spine, lumbosacral region, without intravenous contrast medium, payable once only, whether 1 or more attendances are required to complete the service (R) (K) (Anaes.)
56229	COMPUTED TOMOGRAPHY - scan of spine, lumbosacral region, without intravenous contrast medium, payable once only, whether 1 or more attendances are required to complete the service (R) (NK) (Anaes.)

Denominator:

Total population

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

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

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

[Medicare \(MBS\) data](#)

Guide for use

Postcode was based on the patient's Medicare enrolment postcode at the last processed MBS record (of any type) during 2013–14 (financial year of processing).

GPO postcodes 2001, 2124, 3001, 4001, 5001, 6843 excluded from the SA3 analysis but included in state/territory and national level analysis.

Data Element / Data Set

[Address—statistical area, level 3 \(SA3\) code \(ASGS 2011\) NNNNN](#)

Data Source

[ABS 2011 Census of Population and Housing](#)

Representational attributes

Representation class:	Rate
Data type:	Integer
Unit of measure:	Service event
Format:	NN[NNNN]

Data source attributes

Data sources:	Data Source
	ABS Estimated resident population (total population)
	Frequency
	Quarterly
	Quality statement
	ABS Estimated resident population (total population), QS
	Data custodian
	Australian Bureau of Statistics
	Data Source
	Medicare (MBS) data
Frequency	
Annually	
Data custodian	
Department of Health	
Data Source	
ABS 2011 Census of Population and Housing	
Frequency	
Every 5 years.	
Data custodian	
Australian Bureau of Statistics.	

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:	Department of Health
Accountability:	Australian Commission of Safety and Quality in Health Care

Source and reference attributes

Submitting organisation: National Health Performance Authority