

4.10 Number of PBS prescriptions dispensed for ADHD medicines per 100,000 people aged 17 years and under, 2013–14

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	ADHD medicines dispensing 17 years and under, 2013-14
METEOR identifier:	611676
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 PBS prescriptions dispensed for ADHD medicines per 100,000 people aged 17 years and under, 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:	17 years and under				
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 which is based on the patient's Medicare enrolment postcode on the date the prescription was dispensed.</p> <p>SA3s where the total population was less than 2,500 or where the population of people aged 17 years and under was less than 200 are excluded.</p> <p>Suppression protocol for calculating age standardised rates:</p> <table border="1"><tr><td>Numerator</td><td>Total prescriptions dispensed less than 20 (unrounded)</td></tr><tr><td>Denominator</td><td>ERP for one or more five year age groups less than 30</td></tr></table> <p>The following age groups were used for calculating age standardised rates: 0-4, 5-9, 10-14, 15-17.</p>	Numerator	Total prescriptions dispensed less than 20 (unrounded)	Denominator	ERP for one or more five year age groups less than 30
Numerator	Total prescriptions dispensed less than 20 (unrounded)				
Denominator	ERP for one or more five year age groups less than 30				
Computation:	$100,000 \times (\text{Numerator} \div \text{Denominator})$, age standardised				
	For more information about age-standardisation see /content/index.phtml/itemId/327276				
Numerator:	Number of PBS prescriptions dispensed for ADHD medicines in 2013-14.				

Numerator data elements:

Data Element / Data Set
[Pharmaceutical Benefits Scheme \(PBS\) prescription—PBS item prescribed, code NN\[NNN\]A](#)
NMDS / DSS
[Pharmaceutical Benefits Scheme \(PBS\) state/territory data extract 2013-14](#)
Guide for use

Data source type: Administrative by-product data

PBS code Data supplied

PBS code	Description
01165H	DEXAMPHETAMINE
02172H, 02276T, 02280B, 02283E, 02387P, 02388Q, 02432B, 03440C, 08839F	METHYLPHENIDATE
09092M, 09093N, 09094P, 09095Q, 09096R, 09289X, 09290Y	ATOMOXETINE

Denominator:

Total population aged 17 years and under

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

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

[Person—age, total years N\[NN\]](#)
NMDS / DSS
[COMPLETE - Pharmaceutical Benefits Scheme \(PBS\) Pharmacy claim script detail](#)
Guide for use

Age is calculated using the patient's date of birth on their Medicare enrolment and the date the prescription was dispensed.

ADHD medicines prescriptions dispensed disaggregated into one age group:

- 17 years and under

Data Element / Data Set

[Address—Australian postcode, Australian postcode code \(Postcode datafile\) {NNNN}](#)
NMDS / DSS
[COMPLETE - Pharmaceutical Benefits Scheme \(PBS\) Pharmacy claim script detail](#)
Guide for use

Postcode is based on the patient's Medicare enrolment postcode on the date the prescription was dispensed.

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

Data source type: Administrative by-product data

Used for disaggregation by Statistical Area Level 3.

Data Element / Data Set

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

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

Source and reference attributes

Submitting organisation: National Health Performance Authority