

# 4.2, 4.3, 4.4 Number of PBS prescriptions dispensed for antidepressant medicines per 100,000 people, 2013–14

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## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	Antidepressant medicines dispensing, 2013-14
<b>METEOR identifier:</b>	611661
<b>Registration status:</b>	<a href="#">National Health Performance Authority (retired)</a> , Retired 01/07/2016 <a href="#">Australian Commission on Safety and Quality in Health Care</a> , Standard 23/11/2016
<b>Description:</b>	Number of PBS prescriptions dispensed for antidepressant medicines per 100,000 people, age standardised. Data are disaggregated by the area in which the person lives.
<b>Indicator set:</b>	<a href="#">Australian Atlas of Healthcare Variation</a> <a href="#">National Health Performance Authority (retired)</a> , Retired 01/07/2016 <a href="#">Australian Commission on Safety and Quality in Health Care</a> , Standard 23/11/2016

## Collection and usage attributes

<b>Population group age from:</b>	17 years and under
	18 to 64 years
	65 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 which is based on the patient's Medicare enrolment postcode on the date the prescription was dispensed.

SA3s where the total population was less than 2,500 or where the population of interest was less than 200 are excluded.

Suppression protocol for calculating age standardised rates:

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

For the population group 17 years and under, the following age groups were used for calculating age standardised rates: 0-4, 5-9, 10-14, 15-17.

For the population group 18 to 64 years, the following age groups were used for calculating age standardised rates: 18-24, 25-29,....60-64.

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

For more information about age-standardisation see

</content/index.phtml/itemId/327276>

**Numerator:** Number of PBS prescriptions dispensed for antidepressant 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

<b>PBS code</b>	<b>Description</b>
02417F, 02418G, 02429W	AMITRIPTYLINE
08220P, 08702B, 08703C	CITALOPRAM
01561E	CLOMIPRAMINE
09366Y, 09367B	DESVENLAFAXINE
01357K, 01358L	DOTHIEPIN
01011F, 01012G, 01013H	DOXEPIN
09155W, 09156X	DULOXETINE
08700X, 08701Y, 08849R, 09432K, 09433L	ESCITALOPRAM
01434L, 08270G	FLUOXETINE
08174F, 08512B	FLUVOXAMINE
02420J, 02421K	IMIPRAMINE
03059B, 08290H	LITHIUM CARBONATE
01627P, 01628Q	MIANSERIN
08513C, 08855C, 08856D, 08857E, 08883M, 09365X	MIRTAZAPINE
01900B, 08003F	MOCLOBEMIDE
02522R, 02523T	NORTRIPTYLINE
02242B, 09197C	PAROXETINE
02856H	PHENELZINE
08583R	REBOXETINE
02236Q, 02237R, 08836C, 08837D	SERTRALINE
02444P	TRANLYCYPROMINE
08301X, 08302Y, 08868R	VENLAFAXINE

**Denominator:**

Total population of age group

**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 of person is calculated from the patient's date of birth on their Medicare enrolment and on the date the prescription was dispensed.

Data are disaggregated by the following age groups:

- 17 years and under
- 18 to 64 years
- 65 years and over

**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**

<b>Representation class:</b>	Rate
<b>Data type:</b>	Integer
<b>Unit of measure:</b>	Service event
<b>Format:</b>	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

## 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