1.1 Number of PBS prescriptions dispensed for antimicrobials per 100,000 people, 2013–14

Exported from METEOR (AIHW's Metadata Online Registry)

1.1 Number of PBS prescriptions dispensed for antimicrobials per 100,000 people, 2013–14

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Antimicrobial dispensing, 2013-14
METEOR identifier:	611638
Registration status:	National Health Performance Authority (retired), Retired 01/07/2016 Australian Commission on Safety and Quality in Health Care, Standard 23/11/2016
Description:	Number of PBS prescriptions dispensed for antimicrobials 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
Data quality statement:	ABS birth registration data, 2008 QS Health!, Standard 08/06/2011

Collection and usage attributes

Population group age from:	All ages
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 are excluded. Suppression protocol for calculating age-standardised rates:

Numerator	Total prescriptions dispensed were less than 20 (unrounded)
Denominator	ERP for one or more five year age groups was 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 PBS prescriptions dispensed for antimicrobials 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	Description
04010C	AMOROLFINE
01884E, 01886G, 01887H, 01888J, 03300Q, 03301R, 03302T 03310F, 03393N, 05225B, 08581P, 08705E, 09714G	AMOXYCILLIN
01889K, 01891M, 01892N, 05006L, 05008N, 05009P, 05011R, 08254K, 08319W	AMOXYCILLIN + CLAVULANIC ACID
02390T, 02977Q, 03313J, 03314K	AMPICILLIN
04115N, 05616N, 06221K, 08200N, 08201P, 08336R	AZITHROMYCIN
02267H	BENZATHINE BENZYLPENICILLIN
01775K, 02647H, 03398W, 03399X, 03486L, 03487M	BENZYLPENICILLIN
01169M, 02460L, 02461M, 05045M, 05046N, 05047P	CEFACLOR
08315P, 08316Q	CEFEPIME
01085D, 01086E, 01758M, 01759N	CEFOTAXIME
01783W, 01784X, 01785Y, 01788D, 09058R	CEFTRIAXONE
02002J, 05052X, 05499K, 08292K	CEFUROXIME
02655R, 03058Y, 03094W, 03095X, 03119E, 03317N, 03318P, 03319Q, 03320R	CEPHALEXIN
02964B, 03376Q	CEPHALOTHIN
01257E, 01797N, 01799Q, 05477G, 05478H, 05479J, 09326W	CEPHAZOLIN
01171P, 01172Q, 02360F, 05055C, 05511C, 05512D	CHLORAMPHENICOL
04106D	CICLOPIROX
01208N, 01209P, 01210Q, 01217C, 01256D, 02480M, 05564W	CIPROFLOXACIN
05624B, 05625C, 06151R, 06152T, 08318T, 09192T	CLARITHROMYCIN
03138E, 05057E	CLINDAMYCIN
04004R	CLOTRIMAZOLE
01272Y, 08801F	DAPSONE
02781J	DEXAMETHASONE + FRAMYCETIN SULFATE + GRAMICIDIN
05096F, 05097G, 08121K, 08122L	DICLOXACILLIN
01800R, 02702F, 02703G, 02707L, 02708M, 02709N, 02711Q, 02714W, 02715X, 03321T, 03322W, 05082L, 09105F, 09106G, 09107H, 09108J	DOXYCYCLINE
01404X, 03325B	ERYTHROMYCIN

02424N, 02428T, 02750R, 03334L, 03336N, 03337P	ERYTHROMYCIN ETHYLSUCCINATE
01397M	ERYTHROMYCIN LACTOBIONATE
08738X	ESOMEPRAZOLE (&) CLARITHROMYCIN (&) AMOXYCILLIN
01524F, 01525G, 01526H, 01527J, 05090X, 05091Y, 05257Q, 05258R, 09149M, 09150N	FLUCLOXACILLIN
01440T, 05557L	FRAMYCETIN SULFATE
02312Q	FUSIDATE
01441W, 02824P, 05566Y	GENTAMICIN
01460W, 02982Y	GRISEOFULVIN
03124K	HEXAMINE HIPPURATE
01574W, 04007X, 04008Y, 09024Y, 09025B	KETOCONAZOLE
02530E, 05144R	LINCOMYCIN
01621H, 01630T, 01636D, 01638F, 01642K, 01821W, 01832K, 02277W, 02298Y, 03339R, 03341W, 05154G, 05155H, 05157K	METRONIDAZOLE
03400Y, 04341L, 04454K, 09026C, 09027D, 09028E, 09029F, 09030G, 09031H	MICONAZOLE
01616C	MINOCYCLINE
04348W, 04350Y, 09440W	MUPIROCIN
01692C, 01693D	NITROFURANTOIN
03010K	NORFLOXACIN
01696G, 01698J, 01699K, 03342X, 03345C, 04001N, 04013F	NYSTATIN
05567B, 08383F	OFLOXACIN
01703P, 01705R, 01787C, 01789E, 02965C, 03028J, 03360W, 03361X, 03363B, 03364C, 05012T, 05024K, 05029Q, 08976K, 08977L, 09143F	PHENOXYMETHYLPENICILLIN
01794K, 03371K, 03485K	PROCAINE PENICILLIN
06195C, 09541E	RIFABUTIN
01981G, 01982H, 01983J, 01984K, 08025J	RIFAMPICIN
10001J	RIFAXIMIN
01760P, 05259T, 05260W, 05261X, 08016X, 08129W	ROXITHROMYCIN
09479X	SULFADIAZINE SILVER
02285G, 02804N, 04011D, 04463X, 04473K, 09160D	TERBINAFINE
02179Q, 05230G	TICARCILLIN + CLAVULANIC ACID
01465D	TINIDAZOLE

01356J, 02328M, 02329N, 05442K, 05569D, 05570E, 08872Y, 09480Y, 10066T, 10074F	TOBRAMYCIN
04481W	TOLNAFTATE
02971J, 02974M	TRIAMCINOLONE + NEOMYCIN SULFATE + GRAMICIDIN + NYSTATIN
02666H, 02922T	TRIMETHOPRIM
02951H, 03103H, 03390K, 03391L	TRIMETHOPRIM + SULFAMETHOXAZOLE
02269K, 02270L, 03113W, 3114X, 03130R, 03131T	VANCOMYCIN

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

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 Areas 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}

NMDS / DSS

COMPLETE - Pharmaceutical Benefits Scheme (PBS) Pharmacy claim script detail

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Postcodes are 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

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
Release date:	26/11/2015

Source and reference attributes

Submitting organisation: Australian Bureau of Statistics (ABS)