NATIONAL ANTIMICROBIAL UTILISATION SURVEILLANCE PROGRAM (NAUSP)

ANTIMICROBIAL UTILISATION SURVEILLANCE IN AUSTRALIAN HOSPITALS
January 2019 to June 2019
Northern Territory & Queensland

Antimicrobial utilisation rates provided in this report are calculated using the number of defined daily doses (DDDs) of the antimicrobial class consumed each month per 1,000 occupied bed days. Contributing hospitals can find their de-identifying code via the NAUSP Portal ‘Maintain My Hospital’ drop-down menu.

Peer groups are assigned according to AIHW definitions for public hospitals (1). Private hospitals are assigned by NAUSP to an AIHW peer group appropriate to their size and acuity.

A change to the DDD for a number of high volume antimicrobials occurred in January 2019. This has been applied to all retrospective data. For more information refer to WHO WTC/DDD alterations 2019.

The chart below presents aggregated contributor data over the six-month period from 1 January 2019 to 30 June 2019.

Chart 1: Total hospital antibacterial usage rates (DDD/1000 OBD) in NAUSP contributor hospitals, by peer group, Northern Territory & Queensland, Jan–Jun 2019

Other = amphenicols, monobactams, nitrofurans, other antibacterials (linezolid & daptomycin), other cephalosporins (ceftaroline, ceftazidime-avibactam & cefotazone-tazobactam), polymyxins, rifamycins, second-generation cephalosporins, steroids, streptogramins and streptomycin.

Note: A previous data anomaly, where direct-to-ward transactions were not included for two Queensland Health facilities, has been corrected. Pre-packs designed for outpatient use, which were previously inadvertently included, have been removed.

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This report includes data from the following hospitals:

- Alice Springs Hospital
- Atherton Hospital
- Bundaberg Hospital
- Caboolture Hospital
- Cairns Base Hospital
- Gladstone Hospital
- Gold Coast Private Hospital
- Gold Coast University Hospital
- Gove District Hospital
- Greenslopes Hospital
- Gympie Health Service
- Hervey Bay Hospital
- Katherine District Hospital
- Kingaroy Hospital
- Mareeba Hospital
- Maryborough Hospital
- Mater Bundaberg
- Mater Gladstone
- Mater Hospital Brisbane
- Mater Mackay
- Mater Mothers' Hospital
- Mater Private Hospital Brisbane
- Mater Private Hospital Springfield
- Mater Redland Private
- Mater Rockhampton
- Mt Isa Hospital
- Nambour General Hospital
- Palmerston Hospital
- Princess Alexandra Hospital
- Redland Hospital
- Robina Hospital
- Royal Brisbane And Women's Hospital
- Royal Darwin Hospital
- St Stephens Hospital Hervey Bay
- St Vincent's Private Hospital Brisbane
- St Vincent’s Private Hospital Northside
- Sunshine Coast University Hospital
- Toowoomba Hospital
- Townsville Hospital
- Warwick Hospital

Disclaimer:
Data presented in this report were correct at the time of publication. As additional hospitals join NAUSP, retrospective data are included. Also data may change when quality assurance processes identify the need for data updates.