Antimicrobial utilisation rates provided in this report are calculated using the number of defined daily doses (DDDs) of the antimicrobial agent or class consumed each month per 1,000 occupied bed days using aggregated data for contributing hospitals in the Acute Group C peer group. Rates for aggregated usage of all antibacterials for total hospital use are shown. Total hospital use is also reported for 6 target antibacterial classes.

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](#).

Rates for this reporting period include data from 36 hospital(s). Some hospitals were unable to submit data for this reporting period and rates may vary from previous reports.

Enquiries should be directed to the Senior Pharmacist, NAUSP (email: healthantibio@sa.gov.au).

1. TOTAL HOSPITAL ANTIBACTERIAL USE (ALL CLASSES)

![Chart1: total hospital antimicrobial use by all contributors (all classes)](image)
2. TOTAL HOSPITAL USE OF SELECTED CLASSES OF ANTIBACTERIALS

Total hospital antimicrobial utilisation rates for 3rd/4th generation cephalosporins, glycopeptides, carbapenems, fluoroquinolones, aminoglycosides and anti-pseudomonal penicillin/ß-lactamase inhibitor combinations are displayed for the period July 2017 to June 2019 in charts 2 and 3.

This report includes data from the following hospitals:

**NSW:** CESSNOCK DISTRICT HOSPITAL, FORBES DISTRICT HOSPITAL, KAREENA PRIVATE HOSPITAL, MACLEAN DISTRICT HOSPITAL, MILTON-ULLADULLA HOSPITAL, MUDGEE DISTRICT HOSPITAL, MUSWELLBROOK HOSPITAL, PARKES HOSPITAL, SCOTT MEMORIAL HOSPITAL, SINGLETON DISTRICT HOSPITAL, YOUNG HEALTH SERVICE

**NT:** GOVE DISTRICT HOSPITAL, KATHERINE DISTRICT HOSPITAL, PALMERSTON REGIONAL HOSPITAL

**QLD:** AHERTON HOSPITAL, KINGAROY HOSPITAL, MAREEBA HOSPITAL, MATER BUNDABERG, MATER GLADSTONE, ST VINCENT'S PRIVATE HOSPITAL BRISBANE, WARWICK HOSPITAL

**SA:** GAWLER HEALTH SERVICE, PORT LINCOLN HOSPITAL

**TAS:** HOBART PRIVATE HOSPITAL

**WA:** BENTLEY HEALTH SERVICE, BROOME HOSPITAL, BUSSELTON HEALTH, DERBY HOSPITAL, ESPERANCE HOSPITAL, HEDLAND HEALTH CAMPUS, KUNUNURRA HOSPITAL, NARROGIN HOSPITAL, NORTHAM HOSPITAL, OSBORNE PARK HOSPITAL, ST JOHN OF GOD BUNBURY, ST JOHN OF GOD MT LAWLEY

The National Antimicrobial Utilisation Surveillance Program (NAUSP) is funded by the Commonwealth Department of Health through the Australian Commission on Safety and Quality in Health Care (ACSQHC). NAUSP is conducted by the Infection Control Service, Communicable Disease Control Branch, Department for Health and Ageing, South Australia. All individual hospital data contributed to this program will remain confidential. Aggregated data will be provided to all contributors, the ACSQHC and the Commonwealth.