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 B 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 44 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)
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: ARMIDALE HOSPITAL, AUBURN HOSPITAL, BELMONT HOSPITAL, BOWRAL HOSPITAL, CALVARY RIVERINA HOSPITAL, CANTERBURY HOSPITAL, FAIRFIELD HOSPITAL, GOSFORD PRIVATE HOSPITAL, GRAFTON BASE HOSPITAL, KEMPSEY DISTRICT HOSPITAL, MAITLAND HOSPITAL, MATER HOSPITAL NORTH SYDNEY, RYDE HOSPITAL, SHELLHARBOUR HOSPITAL.

QLD: CABOOLTURE HOSPITAL, GLADSTONE HOSPITAL, GYMPIE HEALTH SERVICE, MARYBOROUGH HOSPITAL, MATER MACKAY, MATER PRIVATE HOSPITAL SPRINGFIELD, MATER REDLAND PRIVATE, MATER ROCKHAMPTON, MT ISA HOSPITAL, REDLAND HOSPITAL, ROBINA HOSPITAL, ST STEPHEN'S HOSPITAL HERVEY BAY.

SA: NOARLUNGA HOSPITAL, PORT AUGUSTA HOSPITAL, WHYALLA HOSPITAL.

TAS: MERSEY COMMUNITY HOSPITAL.

VIC: ALBURY WODONGA - WODONGA, ANGLISS HOSPITAL, CBRINI HOSPITAL, BRIGHTON, CASEY HOSPITAL, ROSEBUD HOSPITAL, SANDRINGHAM HOSPITAL, ST. VINCENT'S PRIVATE EAST MELB, WERRIBEE MERCY HOSPITAL, WEST GIPPSLAND HOSPITAL, WESTERN HEALTH SUNSHINE.

WA: ALBANY HOSPITAL, BUNBURY REGIONAL HOSPITAL, GERALDTON HOSPITAL, KALGOORLIE HEALTH CAMPUS.