Antimicrobial utilisation rates provided in this report are calculated using the number of defined daily doses (DDD) of the antimicrobial agent or class consumed each month per 1,000 occupied bed days using average data for contributing hospitals in the NT and QLD peer group.

Antimicrobial classes reported on pages 2 to 3 are:
- 3rd/4th generation cephalosporins (ceftriaxone, cefotaxime, ceftazidime, cefepime);
- glycopeptides (vancomycin, teicoplanin);
- carbapenems (meropenem, imipenem/cilastatin, ertapenem);
- fluoroquinolones (ciprofloxacin, moxifloxacin, norfloxacin);
- aminoglycosides (gentamicin, tobramycin, amikacin); and
- anti-pseudomonal penicillins plus ß-lactamase inhibitor (piperacillin/tazobactam).

Aggregated rates for this reporting period include data from 50 hospitals and 20 ICUs. Some hospitals were unable to submit data for this reporting period and comparator rates may vary from previous reports. Note: data may change in future reports as previously-detected anomalies are corrected and data re-loaded.

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

1. TOTAL HOSPITAL ANTIMICROBIAL USE (INCLUDING ALL CLASSES)
2. TOTAL INTENSIVE CARE UNIT ANTIMICROBIAL USE (INCLUDING ALL CLASSES)

Chart2: total ICU antimicrobial use by all contributors (all classes)

3. TOTAL HOSPITAL USE BY ANTIMICROBIAL CLASS (SELECTED CLASSES)

4. ANTIMICROBIAL USAGE RATES FOR INDIVIDUAL AGENTS

Aggregated state-wide antimicrobial usage rates for individual agents within reported classes are shown in Charts 4 to 9 below.

Chart 4: 3rd/4th generation cephalosporins  
Chart 5: Glycopeptides (vancomycin, teicoplanin)

Chart 6: Carbapenems  
Chart 7: Fluoroquinolones

Chart 8: Aminoglycosides  
Chart 9: Parenteral penicillin/β-lactamase inhibitor combinations
National Antimicrobial Utilisation Surveillance Program

This report includes data from the following hospitals:

NT: ALICE SPRINGS HOSPITAL, GOVE DISTRICT HOSPITAL, KATHERINE DISTRICT HOSPITAL, PALMERSTON REGIONAL HOSPITAL, ROYAL DARWIN HOSPITAL

QLD: AHTERTON HOSPITAL, BUNDABERG HOSPITAL, CABOOLTURE HOSPITAL, CAIRNS BASE HOSPITAL, CALOUNDRA HEALTH SERVICE, GLADSTONE HOSPITAL, GOLD COAST PRIVATE HOSPITAL, GOLD COAST UNIVERSITY HOSPITAL, GREENSLOPES HOSPITAL, GYMPIE HEALTH SERVICE, HERVEY BAY HOSPITAL, INNISFAIL HOSPITAL, IPSWICH HOSPITAL, KINGAROY HOSPITAL, LOGAN HOSPITAL, MACKAY BASE HOSPITAL, MARREEBA 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, PRINCESS ALEXANDRA HOSPITAL, QUEEN ELIZABETH 2 JUBILEE HOSPITAL, REDCLIFFE HOSPITAL, REDLAND HOSPITAL, ROBINA HOSPITAL, ROCKHAMPTON HOSPITAL, ROYAL BRISBANE AND WOMEN'S HOSPITAL, ST ANDREW'S WAR MEMORIAL HOSPITAL, ST VINCENT'S PRIVATE HOSPITAL BRISBANE, ST VINCENT'S PRIVATE HOSPITAL NORTHSIDE, SUNSHINE COAST PRIVATE HOSPITAL, SUNSHINE COAST UNIVERSITY HOSPITAL, THE PRINCE CHARLES HOSPITAL, TOOWOOMBA HOSPITAL, TOWNSVILLE HOSPITAL, WARWICK HOSPITAL