

Antimicrobial use and resistance in Australia

AURA 2023: Fifth Australian report on antimicrobial use and resistance in human health



2022 HIGHLIGHTS in the community

21.8

million

antimicrobial
prescriptions
dispensed



1 in 3

people

in Australia
had at least
one antibiotic
dispensed



18%

decrease

in antimicrobial
use since 2019



HOSPITALS



23%

of antimicrobial
prescriptions

in hospitals were
inappropriate



739

defined daily
doses

of antimicrobial use
in hospitals
(per 1,000 occupied bed days)



COMMUNITY



80%

of acute
bronchitis cases

were prescribed antibiotics
despite no evidence of benefit

> 80%

of hospital
patients

with CDI[^] had a
community onset



AGED CARE



14%

of residents

received at least one
antimicrobial on the
survey day



35%

of antimicrobials
prescribed

were prescribed
'just in case'

42%

of antimicrobial
prescriptions

were prescribed
for >6 months

Sources: Hospital NAPS 2021; NAUSP 2021

[^]Clostridioides difficile infection

Source: Aged Care NAPS 2021

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