

Surgical hospital admissions with an antibiotic dispensed within 30 days of discharge, rate per 100

Te Tāhū Hauora
Health Quality & Safety
Commission



Source: [/measure/surgical-hospital-admissions-antibiotic-dispensed-within-30-days-discharge-rate-100](#)

Description

This measure details the rate per 100 of surgical hospital admission with an antibiotic dispensed within 30 days of discharge. It is recommended that, along with good infection control, antibiotics be prescribed only when needed, with the narrowest spectrum of antimicrobial activity. It is not best practice for antibiotics to be administered routinely postoperatively. The National Institute for Health and Care Excellence recommends antibiotics be used only in cases where infection is clinically evident. Previous research in Aotearoa New Zealand concluded a significant proportion of antibiotics dispensed in patients discharged following surgery was inappropriate and recommended enhanced antimicrobial stewardship in this area.

Measure set

[Antibiotics domain](#)

Notes about this measure set

[See technical document for details.](#)

Numerator

Surgical hospital admissions dispensed an antibiotic within 30 days of discharge.

Denominator

Surgical hospital admissions with a length of stay of at least one day.

Denominator detail

Admission type: surgical diagnostic-related groups only.

Denominator exclusions

- Exclude non-casemix events to remove events related to mental health, maternity and aged care. Events of less than one day were excluded to ensure only inpatient events were included.
- Topical antibiotics were excluded.

Data sources

Pharmaceutical Collection (PHARMS)
National Minimum Dataset (NMDS)
Ministry of Health

Responsible organisation(s)

Health Quality & Safety Commission | Te T?h? Hauora

Resources

Measure Technical Document: Surgical hospital admissions with an antibiotic dispensed within 30 days of discharge (.pdf)

Resource link

<https://www.hqsc.govt.nz/assets/Our-data/Publications-resources/Surgical-hospital-admissions-with-an-antibiotic-dispensed-within-30-days-of-discharge.pdf>

Resource Type

Measures & documentation

Description

This document contains a detailed definition of the measure.