

People dispensed a broad-spectrum penicillin as a percent of all people dispensed a penicillin

Te Tāhū Hauora
Health Quality & Safety
Commission



Source: [/measure/people-dispensed-broad-spectrum-penicillin-percent-all-people-dispensed-penicillin](#)

Description

This measure details the number of people dispensed a broad-spectrum penicillin as a percentage of all people dispensed a penicillin. Broad-spectrum antibiotics are associated with antimicrobial resistance and are generally recommended only for certain indications. The other penicillins are classed as narrow spectrum. This measure calculates amoxicillin or amoxicillin with clavulanic acid use as a percent of total penicillin dispensing. Wide regional variation in the use of amoxicillin or amoxicillin with clavulanic acid might highlight areas for improvement.

Measure set

Antibiotics domain

Notes about this measure set

See technical document for details.

Numerator

The number of people dispensed amoxicillin or amoxicillin with clavulanic acid in a community pharmacy in a year.

Denominator

The number of people dispensed a penicillin in a community pharmacy in a year.

Denominator detail

Penicillins:

- amoxicillin 1072, amoxicillin with clavulanic acid 1070, benzathine benzylpenicillin tetrahydrate 1120, benzylpenicillin sodium (penicillin G) 1136, flucloxacillin 1512, phenoxymethylpenicillin (penicillin V) 1970, procaine benzylpenicillin 2046.

Danish Integrated Antimicrobial Resistance Monitoring and Research Programme:

- Broad-spectrum penicillins: amoxicillin 1072, amoxicillin with clavulanic acid 1070.
- Narrow-spectrum penicillins: benzathine benzylpenicillin tetrahydrate 1120, benzylpenicillin sodium (penicillin G) 1136, phenoxymethylpenicillin (penicillin V) 1970, flucloxacillin 151, procaine benzylpenicillin 2046.

Denominator exclusions

See technical document for details.

Data sources

Pharmaceutical Collection (PHARMS)

PHO Enrolment Collection

Ministry of Health

Responsible organisation(s)

Health Quality & Safety Commission | Te Tahi Hauora

Resources

Measure Technical Document: People dispensed a broad spectrum penicillin as a percent of all people dispensed a penicillin (.pdf)

Resource link

<https://www.hqsc.govt.nz/assets/Our-data/Publications-resources/People-dispensed-a-broad-spectrum-penicillin-as-a-percent-of-all-people-dispensed-a-penicillin.pdf>

Resource Type

Measures & documentation

Description

This document contains a detailed definition of the measure.