

Title:Release of Oregon Statewide Antibigram Dashboard

The Oregon Health Authority (OHA) Healthcare-Associated Infections (HAI) Program has released a statewide antibiogram dashboard summarizing antimicrobial susceptibility patterns reported by Oregon hospitals through the National Healthcare Safety Network (NHSN).

The statewide antibiogram is intended to increase awareness of statewide resistance patterns and support empiric antibiotic selection when facility-level antibiograms are unavailable or limited.

Access the dashboard here:

<https://public.tableau.com/app/profile/oregon.public.health.division.acute.and.communicable.disease.pre/viz/OregonHospitalAntibiogram2025/ORAntibiogram>

Background

Antimicrobial resistance (AR) is a significant public health concern associated with increased healthcare costs, longer hospital stays, and higher mortality. Antibiograms summarize antibiotic susceptibility patterns of bacteria isolated from clinical specimens and help guide empiric antibiotic selection before patient-specific microbiology results are available. Antibiograms assist in identifying opportunities to improve prescribing and monitor emerging resistance trends.

This dashboard summarizes antimicrobial susceptibility testing results reported by 84% of Oregon hospitals, including 31 acute care hospitals and 18 critical access hospitals. The statewide antibiogram dashboard will be updated annually as new NHSN data become available.

Recommended use

Clinicians and stewardship teams may use the statewide antibiogram to support empiric antibiotic selection when local antibiograms are unavailable, to supplement facility-level antibiograms and to increase awareness of statewide resistance trends. When available, facility-level antibiograms should be used preferentially for empiric treatment decisions.

Data source

The statewide antibiogram is based on antimicrobial susceptibility testing results reported by Oregon hospitals to the National Healthcare Safety Network (NHSN) and interpreted using standards from the Clinical and Laboratory Standards Institute (CLSI). The dashboard provides statewide context for antimicrobial resistance patterns and is not a substitute for facility-level antibiograms when those are available.

Questions related to the antibiogram can be directed to Antimicrobial Stewardship Pharmacist Liz Breitenstein at Liz.Breitenstein@oha.oregon.gov