Washington University in St. Louis

School of Medicine

Department of Pathology and Immunology

SECTION OF PATHOLOGY INFORMATICS

Regional Adult Antibiograms

2025

Foreword

These antibiograms summarize the susceptibility rates of bacteria isolated from clinical specimens collected during the year 2025 and processed in the microbiology laboratory at Barnes-Jewish Hospital. Only the first isolate per patient based on collection time are included in the generation of the antibiograms. Susceptibility rates are presented for organisms where there were at least 30 total tested isolates. Additional susceptibilities are presented for select organism groups as defined in the *glossary*.

Questions regarding these antibiograms and antimicrobial susceptibility testing performed in the Microbiology Laboratory of Barnes-Jewish Hospital should be directed to:

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dumm@wustl.edu

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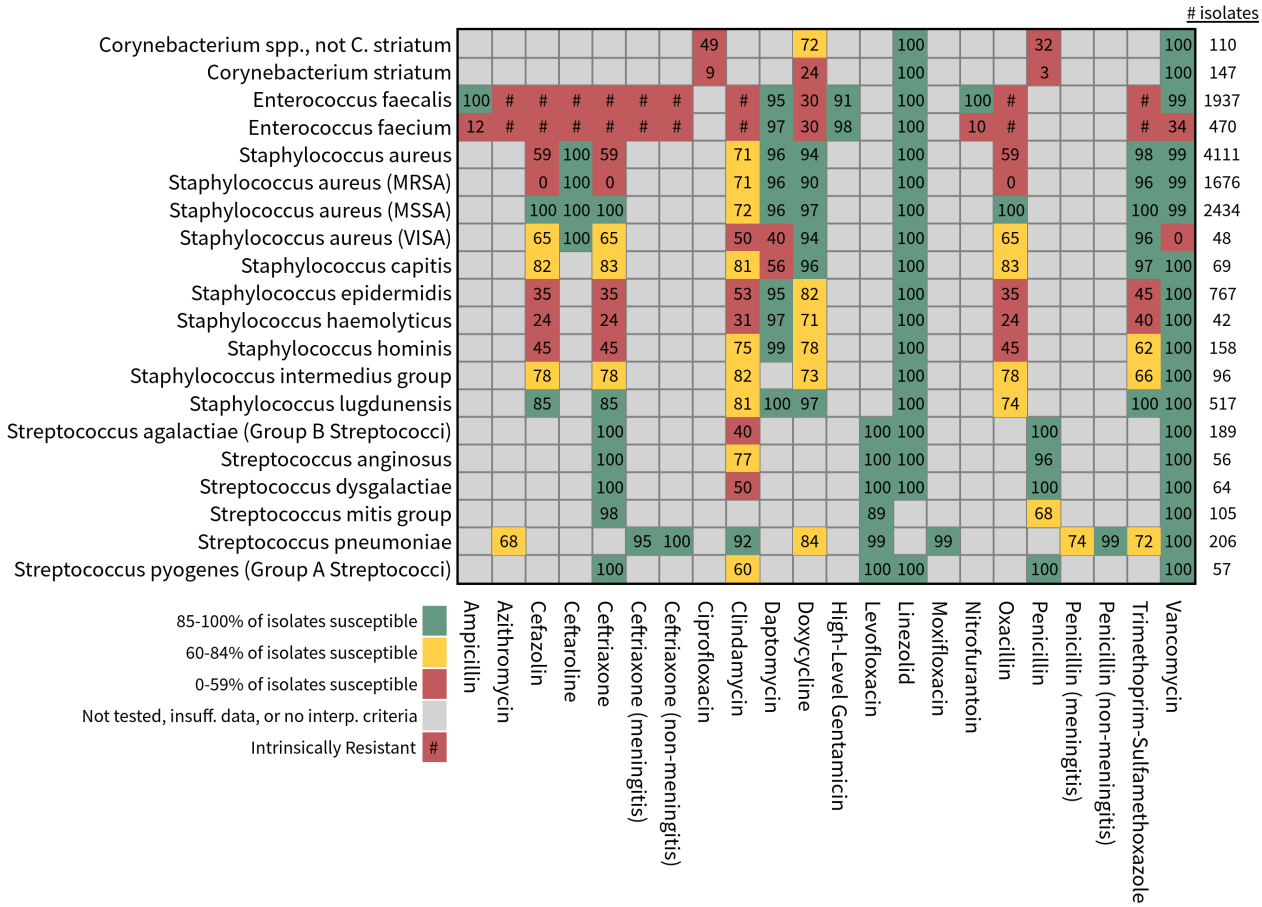
2025 Regional Adult: Gram Positive



Data based on first isolate per patient.

Daptomycin only routinely tested on Staphylococcus isolates recovered from blood or sterile body sites.

Nitrofurantoin only indicated for uncomplicated cystitis.

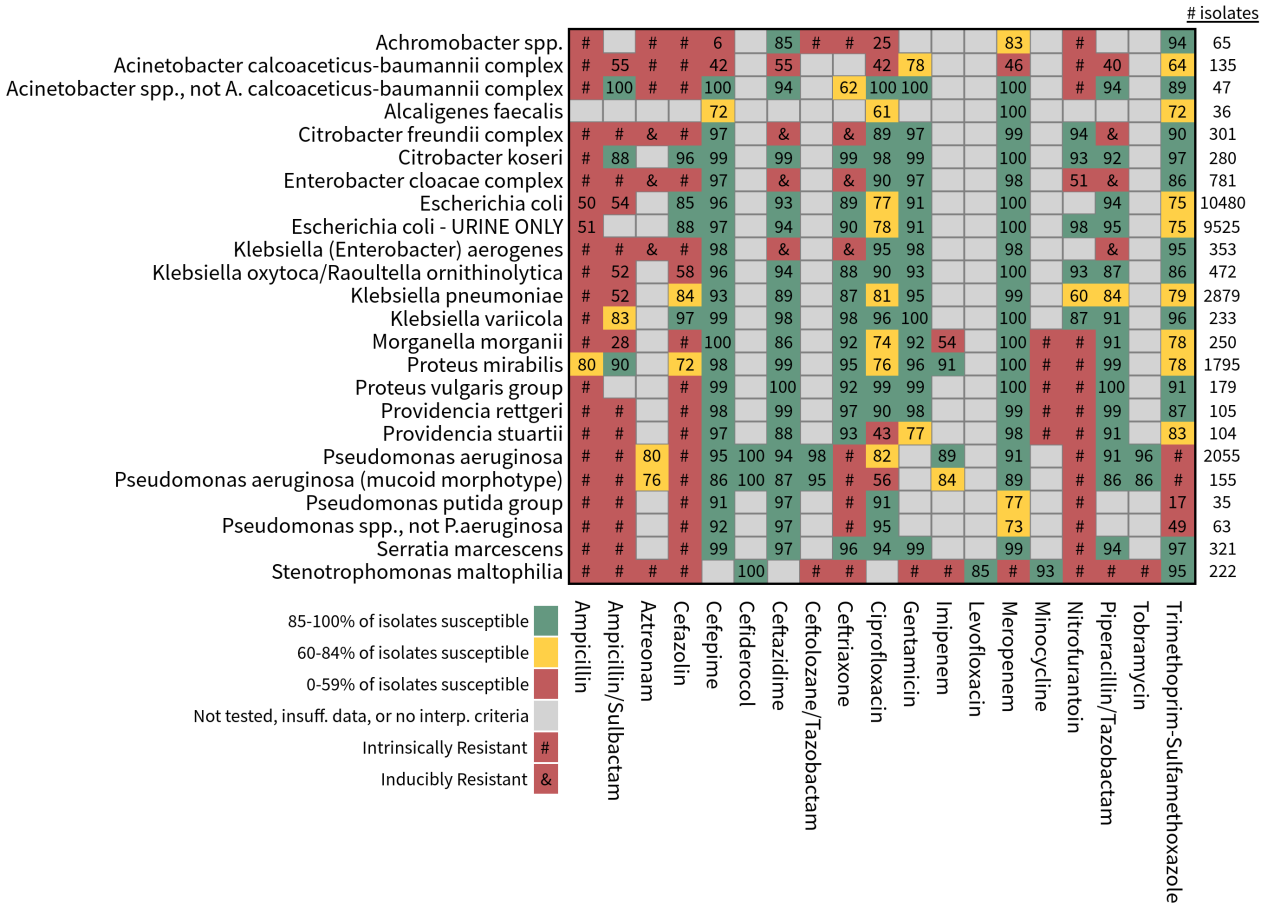
Streptococcus agalactiae (Group B Streptococci), Streptococcus pyogenes (Group A Streptococci), Streptococcus dysgalactiae, and Viridans group Streptococci only routinely tested if recovered from blood or sterile body sites.

Hospitals Included: Alton Memorial Hospital, Barnes-Jewish Hospital, Christian Hospital, Memorial Hospital, Parkland Health Center, St. Louis Children's Hospital

Ages: Adult (≥18 years)

Collection Setting: Inpatient, Outpatient, and Emergency Department

2025 Regional Adult: Gram Negative



Data based on first isolate per patient.

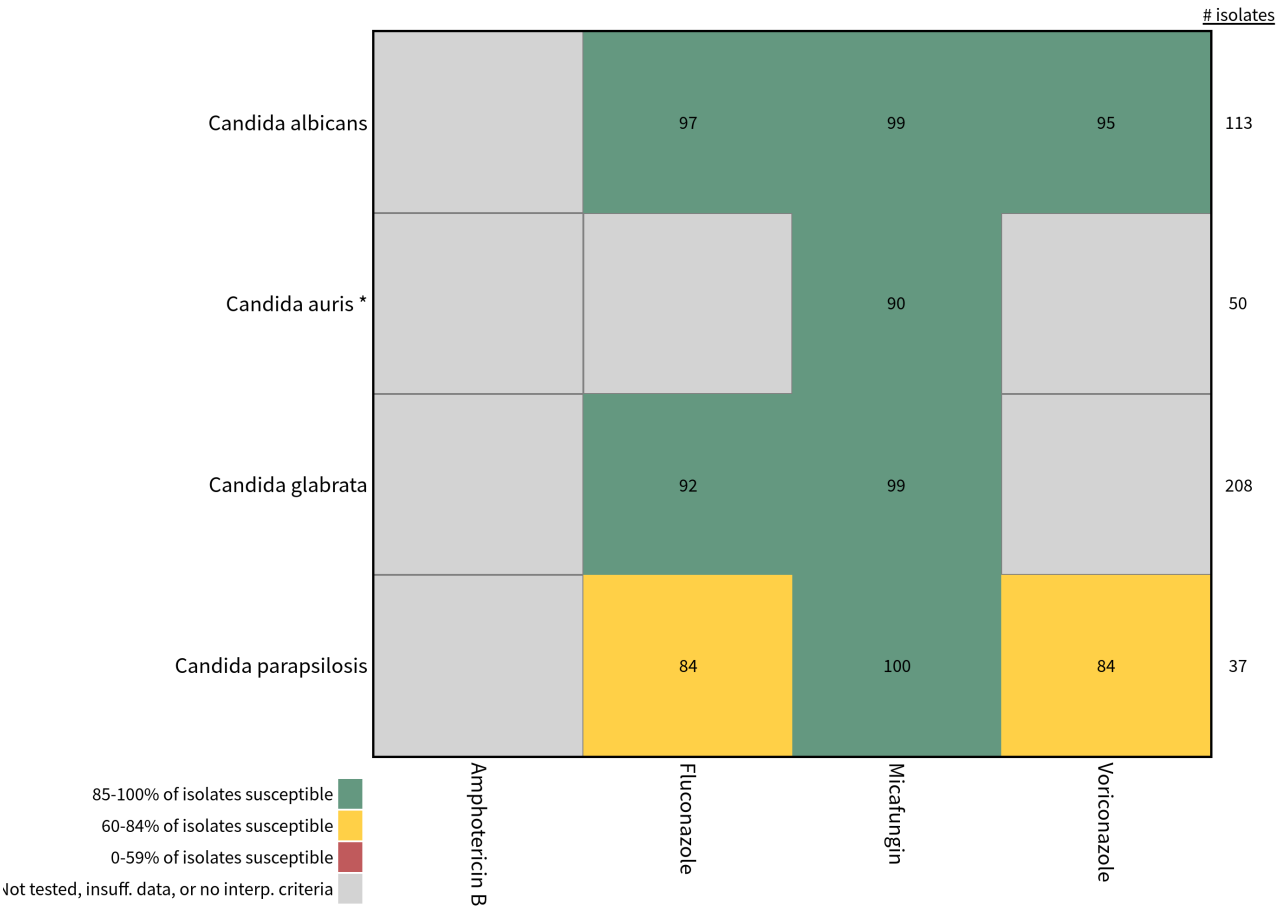
Nitrofurantoin only indicated for uncomplicated cystitis.

Hospitals Included: Alton Memorial Hospital, Barnes-Jewish Hospital, Christian Hospital, Memorial Hospital, Parkland Health Center, St. Louis Children's Hospital

Ages: Adult (≥18 years)

Collection Setting: Inpatient, Outpatient, and Emergency Department

2025 Regional Adult: Yeast



Data based on first isolate per patient.

* Candida auris breakpoints are based on EUCAST interpretive criteria. Only intermediate breakpoints are established for Amphotericin B, with dosing recommendations of 5 mg/kg IV q24h.

Hospitals Included: Alton Memorial Hospital, Barnes-Jewish Hospital, Christian Hospital, Memorial Hospital, Parkland Health Center, St. Louis Children's Hospital

Ages: Adult (≥18 years)

Collection Setting: Inpatient, Outpatient, and Emergency Department

Glossary

Abbreviations

MRSA: Methicillin resistant Staphylococcus aureus
MSSA: Methicillin susceptible Staphylococcus aureus
VISA: Vancomycin intermediate Staphylococcus aureus

Organism groups

Corynebacterium spp., not C. striatum: Corynebacterium spp., Corynebacterium accolens, Corynebacterium spp., Corynebacterium amycolatum, Corynebacterium aurimucosum / minutissimum, Corynebacterium aurimucosum / minutissimum, Corynebacterium spp., Corynebacterium spp., Corynebacterium diphtheriae, Corynebacterium glucuronolyticum, Corynebacterium jeikeium (JK Group), Corynebacterium kroppenstedtii, Corynebacterium macginleyi, Corynebacterium spp., Corynebacterium spp., Corynebacterium propinquum/pseudodiphtheriticum, Corynebacterium pseudodiphtheriticum, Corynebacterium spp., Corynebacterium resistens, Corynebacterium spp., Corynebacterium tuberculostearicum, Corynebacterium ulcerans, Corynebacterium urealyticum

Corynebacterium striatum: Corynebacterium striatum, Corynebacterium striatum, Corynebacterium striatum/ simulans

Klebsiella oxytoca/Raoultella ornithinolytica: Klebsiella oxytoca/Raoultella ornithinolytica, Klebsiella oxytoca/Raoultella ornithinolytica, Klebsiella oxytoca/Raoultella ornithinolytica

Pseudomonas aeruginosa: Pseudomonas aeruginosa, Pseudomonas aeruginosa, Pseudomonas aeruginosa (mucoid morphotype), Pseudomonas aeruginosa group

Pseudomonas spp., not P.aeruginosa: Pseudomonas fluorescens group, Pseudomonas luteola, Pseudomonas oryzihabitans, Pseudomonas otitidis, Pseudomonas putida group, Pseudomonas spp., Pseudomonas spp., not Pseudomonas aeruginosa, Pseudomonas stutzeri

Report Log

Report Generation Date and Time

2026-04-29 10:37

Report Generation Software

https://github.com/WUSM-LGM-Informatics-Section/resistalytics

v2024.0.0-20-g3c92c1c

3c92c1cad02915e095190e825c589ac836ee869c

Software Written and Maintained by

Section of Pathology Informatics

Contact Information for Support and Issues

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