

Microbiology Data Report for Community *Staphylococcus aureus* and *Streptococcus pyogenes* (GAS) isolates for CCHV for 2023

Notes

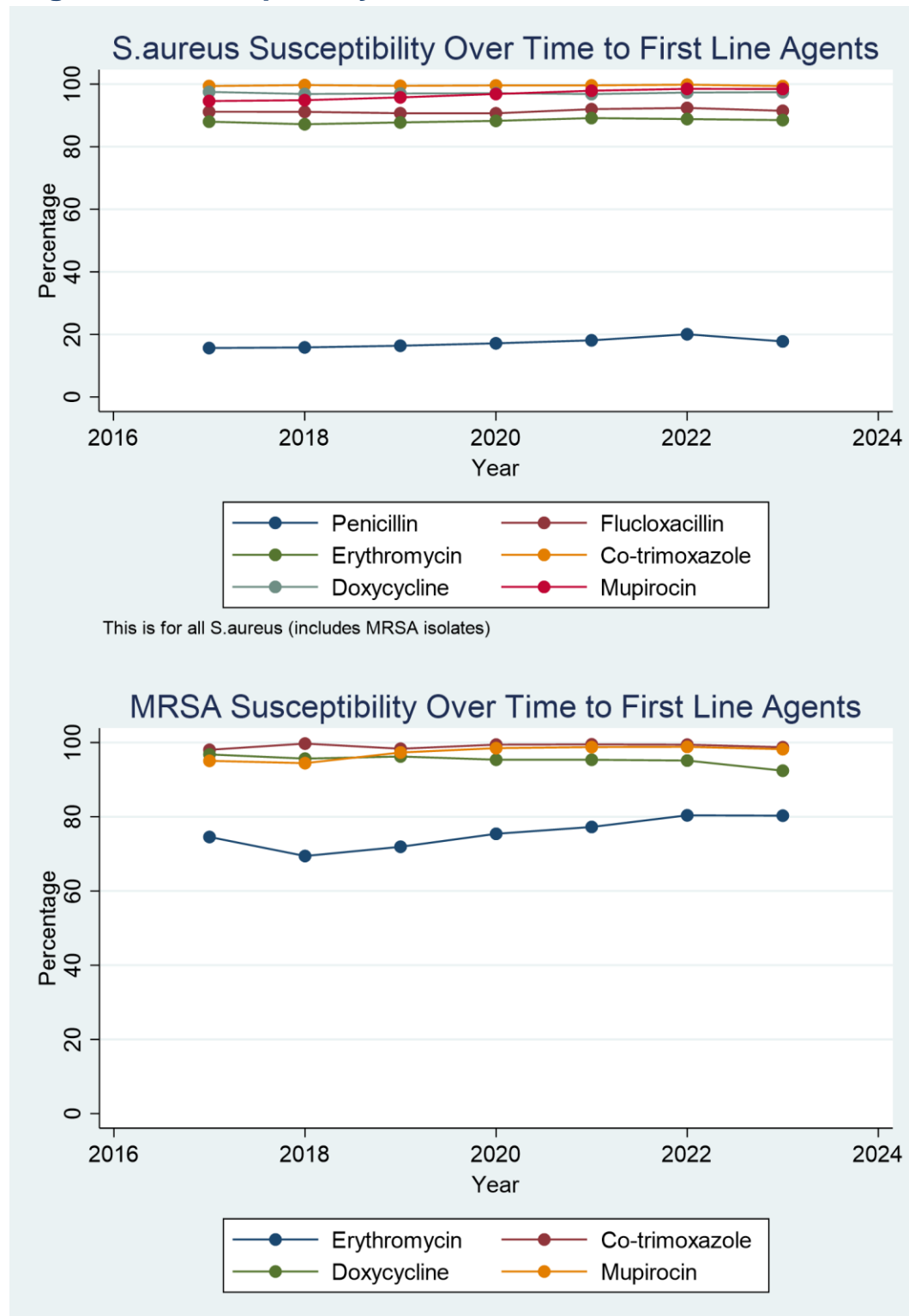
Community samples have been identified based on laboratory specimen reception record of hospital versus community location. Samples with a private hospital location have also been removed, as have DHB outpatient requests. Unless otherwise stated, only the first isolate of a given organism with a given susceptibility result per patient per year is included. As indicated in the *S. pyogenes* susceptibility graph, only a small proportion of all *S. pyogenes* isolates have susceptibility testing performed, so reported susceptibility patterns over time are indicative only, and are likely to be biased by testing patterns.

Antibiogram for 2023

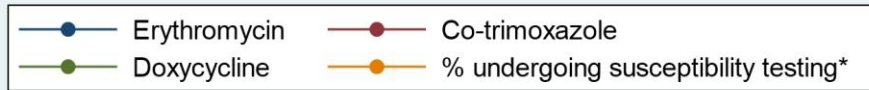
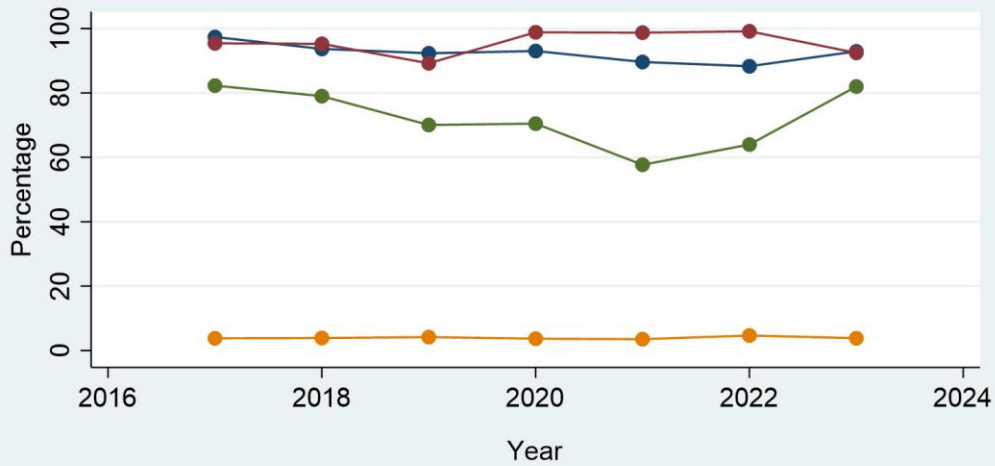
Organism	Number	Penicillin	Flucloxacillin	Erythromycin	Co-trimoxazole	Doxycycline	Mupirocin
Staph aureus	4632	18	91	89	99	97	98
MRSA	395	0	0	80	99	92	98
<i>S.pyogenes</i> (group A strep)	5715	100	100	93	92	82	N/A

Note: *S. aureus* susceptible to penicillin can be considered susceptible to amoxicillin. *S. aureus* susceptible to flucloxacillin can be considered susceptible to cefalexin. *S. pyogenes* is intrinsically susceptible to all beta-lactam agents e.g. penicillin, amoxicillin, flucloxacillin, cefalexin.

Organism Susceptibility Over Time

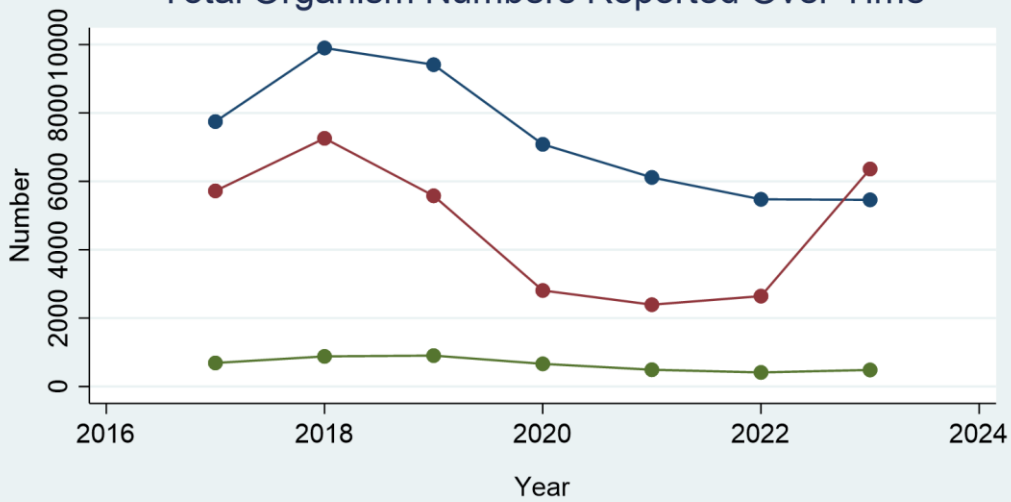


S.pyogenes Susceptibility Over Time to First Line Agents



*most S.pyogenes isolates do not undergo susceptibility testing, interpret with caution.

Total Organism Numbers Reported Over Time



Duplicates included. S.aureus is total for this organism (i.e. includes MRSA).