

Report Parameters:

Time Period: Jan 2024 - Dec 2024  
Institution(s): 4-CHI Mercy Health - Valley City  
Organism(s): Gram Positive Organisms, Gram Negative Organisms, Fungal Organisms  
Antimicrobial(s) Tested: All Medications Tested  
Specimen Source(s): All Specimen Sources  
Deduplication Criteria: First Isolate per Patient per Year per Institution  
Report Run Date/Time: 02/12/25 10:47 CST

Gram Positive Organisms	Isolates	Penicillins			Ceph 3rd Gen	Glycopeptides	Aminoglycosides	Quinolones		Miscellaneous Antibiotics						Macrolides	Tetracyclines
		Ampicillin	Oxacillin	Penicillin	Ceftriaxone	Vancomycin	Gentamicin	Ciprofloxacin	Levofloxacin	Clindamycin	Daptomycin	Linezolid	Nitrofurantoin	Rifampin	Sulfamethoxazole-Trimethoprim	Erythromycin	Doxycycline
All Specimen Sources																	
Enterococcus faecalis	12*	100%*				100%*		83%*	83%*				100%*				42%*
Enterococcus faecalis AND faecium (vancomycin sensitive)	12*	100%*				100%*		83%*	83%*				100%*				42%*
Staphylococcus aureus	17*		65%*			100%*	100%*		82%*	64%*	100%*	100%*	100%*	100%*	55%*	93%*	
Staphylococcus aureus (MSSA)	11*		100%*			100%*	100%*		100%*	57%*			100%*	100%*	100%*	57%*	100%*
Staphylococcus aureus (Methicillin Resistant- MRSA)	6*		0%*			100%*	100%*		50%*	75%*	100%*	100%*	100%*	100%*	50%*	83%*	
Staphylococcus epidermidis	1*		0%*			100%*	100%*		100%*				100%*		100%*		100%*
Staphylococcus epidermidis (Methicillin Resistant- MRSE)	1*		0%*			100%*	100%*		100%*				100%*		100%*		100%*
Staphylococcus spp.	7*		86%*			100%*	100%*		100%*	50%*			100%*	100%*	100%*	50%*	100%*
Streptococcus pneumoniae	1*			100%*	100%*	100%*			100%*							0%*	
Streptococcus pyogenes	2*			100%*		100%*			100%*	100%*						100%*	
Streptococcus viridans group	1*			0%*	100%*	100%*			100%*	100%*						0%*	

\* Data for fewer than 30 isolates per organism, per selected time frame is not statistically significant according to CLSI standards.

Gram Negative Organisms	Isolates	Penicillins				Ceph 1st Gen	Ceph 2nd Gen			Ceph 3rd Gen			Ceph 4th Gen	Carbapenems		Aminoglycosides		Quinolones		Miscellaneous Antibiotics			Tetracyclines
		Amoxicillin-Clavulanate	Ampicillin	Ampicillin-Sulbactam	Piperacillin-Tazobactam	Cefazolin	Cefoxitin	Cefuroxime	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Ertapenem	Meropenem	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Aztreonam	Nitrofurantoin	Sulfamethoxazole-Trimethoprim	Tetracycline	
All Specimen Sources																							
Citrobacter freundii	5*		0%*	0%*	100%*	0%*	0%*	0%*	80%*	100%*	80%*	80%*	100%*	100%*	80%*	80%*	80%*	80%*	80%*	80%*	80%*	80%*	
Citrobacter koseri	2*		0%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	
Citrobacter spp.	2*		50%*	50%*	100%*	50%*	50%*	50%*	100%*	100%*	50%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	50%*	50%*	
Enterobacter cloacae	5*		0%*	0%*	80%*	0%*	0%*	0%*	80%*	80%*	80%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	80%*	50%*	100%*	100%*	
Escherichia coli	72	100%*	61%	72%	96%	81%	100%	92%	99%	99%	97%	94%	100%	100%	92%	94%	89%	88%	90%	98%	89%	83%	
Escherichia coli (non-ESBL)	69	100%*	64%	72%	96%	86%	100%	97%	100%	100%	99%	100%	100%	100%	93%	96%	91%	90%	93%	98%	90%	84%	
Escherichia coli, ESBL	5*		0%*	60%*	100%*	0%*	80%*	0%*	0%*	0%*	0%*	0%*	80%*	100%*	80%*	80%*	40%*	40%*	0%*	100%*	80%*	60%*	
Klebsiella aerogenes	3*		0%*	0%*	67%*	0%*	0%*	0%*	67%*	67%*	67%*	100%*	67%*	100%*	100%*	100%*	100%*	100%*	67%*	67%*	100%*	100%*	
Klebsiella oxytoca	5*		0%*	80%*	100%*	20%*	80%*	60%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	60%*	80%*	80%*	
Klebsiella pneumoniae	12*		0%*	92%*	100%*	100%*	92%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	92%*	100%*	100%*	58%*	92%*	83%*	
Morganella morganii	5*		0%*	0%*	100%*	0%*	80%*	0%*	100%*	100%*	80%*	100%*	100%*	100%*	80%*	100%*	80%*	100%*	100%*	0%*	80%*	40%*	
Proteus mirabilis	14*		71%*	71%*	100%*	71%*	86%*	93%*	100%*	100%*	93%*	93%*	86%*	100%*	93%*	93%*	79%*	93%*	93%*	0%*	71%*	0%*	
Proteus spp.	1*		0%*	0%*	100%*	0%*	100%*	0%*	100%*	100%*	0%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	0%*	100%*	0%*	
Proteus vulgaris	2*		0%*	0%*	50%*	0%*	100%*	0%*	0%*	100%*	0%*	50%*	100%*	100%*	100%*	100%*	100%*	100%*	50%*	0%*	100%*	0%*	
Providencia spp.	3*		0%*	33%*	100%*	0%*	100%*	67%*	67%*	100%*	67%*	100%*	100%*	100%*	100%*	100%*	67%*	100%*	100%*	0%*	100%*	0%*	
Pseudomonas aeruginosa	15*				100%*						93%*		93%*		100%*	73%*	100%*	87%*	80%*	100%*			
Raoultella spp.	1*		0%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	100%*	
Serratia marcescens	4*		0%*	0%*	50%*	0%*	0%*	0%*	50%*	50%*	50%*	75%*	100%*	100%*	100%*	100%*	100%*	100%*	50%*	0%*	100%*	25%*	

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Fungal Organisms

No susceptibility data found for the selected criteria.