

Veterans Administration, VISN 23 - Antibigram Analysis

Report Parameters:

Time Period:	Jan 2023 - Dec 2024
Institution(s):	Veterans Administration, Minneapolis
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:	03/13/25 11:58 CDT

Gram Positive Organisms	Isolates	Penicillins					Ceph 3rd Gen	Glycopepti des	Aminoglyc osides	Quinolones		Miscellaneous Antibiotics								Macrolide s	Tetracyclines			CSF Antibiotics	Synergy Antibiotics	
		Amoxicillin-Clavulanate	Ampicillin	Oxacillin	Penicillin	Piperacillin-Tazobactam	Ceftriaxone	Vancomycin	Gentamicin	Ciprofloxacin	Levofloxacin	Clindamycin	Dalfopristin-Quinupristin	Linezolid	Metronidazole	Nitrofurantoin	Rifampin	Sulfamethoxazole-Trimethoprim	Erythromycin	Doxycycline	Minocycline	Tetracycline	Ceftriaxone Csf	Gentamicin Synergy	Streptomycin Synergy	
All Specimen Sources																										
Clostridium perfringens	1*	100%*			100%*	100%*		100%*				0%*			100%*											
Clostridium spp.	2*	100%*			100%*	100%*		100%*				100%*			100%*											
Enterococcus faecalis	628		100%					100%		86%	100%*			100%*		100%					50%*		73%*	100%*		
Enterococcus faecium	59		24%					42%		11%*			100%	89%		26%*						0%*		100%*	50%*	
Enterococcus faecium (Vancomycin Resistant- VRE)	34		0%					0%		0%*			100%	88%		13%*							100%*	25%*		
Enterococcus spp.	28*		93%*					68%*		67%*						100%*							100%*	100%*		
Peptostreptococcus spp.	1*	100%*			100%*	100%*		100%*				100%*			100%*											
Propionibacterium acnes	17*	100%*			100%*	100%*		100%*				100%*			0%*											
Staphylococcus aureus	680			70%				100%		100%*	100%*	84%	100%*	100%*		100%*	99%	95%		50%*	42%	86%				
Staphylococcus aureus (Methicillin Resistant- MRSA)	211			1%				100%				76%	100%*	100%*		100%*	99%	86%		33%*	37%	71%				
Staphylococcus epidermidis	106			47%				99%				59%		100%*		100%*	99%	70%		100%*	100%*	76%				
Staphylococcus epidermidis (Methicillin Resistant- MRSE)	57			0%				100%				45%		100%*			98%	54%		100%*	100%*	63%				
Staphylococcus lugdunensis	115			95%				100%		100%*		86%				100%	98%				100%*	94%				
Staphylococcus spp.	157	100%*		86%	100%*	100%*		100%	100%*	100%*		82%			0%*		99%	97%			100%*	91%				
Streptococcus agalactiae (Group B Streptococcus)	9*				100%*			100%*				63%*														
Streptococcus anginosus	9*				100%*		100%*	100%*														100%*				
Streptococcus intermedius	4*				100%*		100%*	100%*														100%*				
Streptococcus pneumoniae	33				73%		100%	100%			97%	87%					73%	65%				73%	85%			
Streptococcus pyogenes	3*				100%*			100%*				100%*														
Streptococcus sanguinis	2*				50%*		100%*	100%*			100%*															
Streptococcus viridans group	1*				0%*		100%*	100%*																		

Gram Negative Organisms	Isolates	Penicillins					Ceph 1st Gen	Ceph 3rd Gen		Ceph 4th Gen	Carbapenems			Glycopepti des	Aminoglycosides			Quinolones			Miscellaneous Antibiotics							Tetracyclines		
		Amoxicillin-Clavulanate	Ampicillin	Ampicillin-Sulbactam	Penicillin	Piperacillin-Tazobactam	Cefazolin	Ceftazidime	Ceftriaxone		Cefepime	Ertapenem	Imipenem-Cilastatin	Meropenem	Vancomycin	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Moxifloxacin	Aztreonam	Clindamycin	Fosfomycin	Metronidazole	Nitrofurantoin	Sulfamethoxazole-Trimethoprim	Doxycycline	Minocycline	Tetracycline
All Specimen Sources																														
Acinetobacter spp.	29*			97%*		81%*		86%*	39%*	100%*		100%*			100%*	97%*	97%*	97%*	0%*							97%*		100%*		
Bacteroides fragilis group	4*	100%*			0%*	100%*								0%*								50%*			100%*					
Bacteroides spp.	3*	100%*			0%*	100%*								0%*								33%*			100%*					
Citrobacter freundii	64			0%*		86%		83%	80%	100%*	100%	98%				98%		97%							100%	91%				
Citrobacter koseri	51					100%		100%	100%		100%	100%				100%		100%							88%	100%	100%*			
Citrobacter spp.	5*					100%*		100%*	100%*		100%*	100%*				100%*		100%*							100%*	100%*				
Enterobacter cloacae	189			14%*		90%		86%	85%	100%*	95%	97%	100%*			98%	100%*	97%	100%*						58%	91%				100%*
Escherichia coli	953			71%		98%	92%	98%	94%		100%	100%	100%*			94%		85%	67%*				100%*		99%	84%	100%*			
Escherichia coli, ESBL	52			42%		95%	3%	53%*	2%		100%	100%	100%*			71%		37%	0%*						90%	33%				
Haemophilus influenzae	2*		100%*						100%*												100%*					100%*				100%*
Klebsiella aerogenes	63			0%*		87%		81%	83%	100%*	98%	76%	100%*			100%		100%							38%	98%				
Klebsiella oxytoca	156			69%		93%		100%	92%		100%	100%				98%		99%							98%	96%				
Klebsiella pneumoniae	369			88%		98%	95%	98%	93%		100%	99%				97%		96%	100%*						39%	91%				
Klebsiella pneumoniae, ESBL	26*			12%*		75%*	0%*	0%*	0%*		100%*	96%*				58%*		62%*							19%*	15%*				
Morganella morganii	85			12%		100%	0%*	93%	95%		100%	36%				99%		90%							0%	92%				
Neisseria gonorrhoeae	1*				0%*				100%*									100%*												0%*
Pasteurella multocida	1*		100%*						100%*											100%*						100%*				100%*
Prevotella spp.	1*	100%*			0%*	100%*								0%*								100%*			100%*					
Proteus mirabilis	223			93%		100%	99%	100%	99%		100%	24%				96%		88%							0%	88%				
Proteus spp.	5*			40%*		100%*		100%*	80%*		100%*	0%*				100%*		100%*							0%*	100%*				
Proteus vulgaris	23*			61%*		100%*		100%*	91%*		100%*	22%*				100%*		100%*							0%*	96%*				
Providencia spp.	30			73%		100%		93%	97%		100%	90%*				100%		93%							4%*	90%				
Providencia stuartii	7*			29%*		100%*		100%*	100%*		100%*	29%*				0%*		86%*							0%*	100%*				
Pseudomonas aeruginosa	341					92%		96%		97%		93%	100%*		100%*	97%	100%	95%	100%*		86%*									
Pseudomonas spp.	14*					93%*		100%*		100%*		100%*			100%*	100%*	100%*	100%*			44%*						21%*			
Raoultella spp.	10*			80%*		100%*		90%*	90%*		100%*	90%*				90%*		100%*							100%*	60%*				
Salmonella spp.	3*		100%*					100%*	100%*										67%*							100%*				

	Isolates	Penicillins					Ceph 1st Gen	Ceph 3rd Gen		Ceph 4th Gen	Carbapenems			Glycopepti des	Aminoglycosides			Quinolones			Miscellaneous Antibiotics							Tetracyclines		
		Amoxicillin-Clavulanate	Ampicillin	Ampicillin-Sulbactam	Penicillin	Piperacillin-Tazobactam	Cefazolin	Ceftazidime	Ceftriaxone		Cefepime	Ertapenem	Imipenem-Cilastatin	Meropenem	Vancomycin	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Moxifloxacin	Aztreonam	Clindamycin	Fosfomycin	Metronidazole	Nitrofurantoin	Sulfamethoxazole-Trimethoprim	Doxycycline	Minocycline	Tetracycline
Serratia marcescens	74					100%*	100%	96%			99%					99%		100%							0%	99%				
Stenotrophomonas maltophilia	31						0%*												94%							97%				

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Fungal Organisms	Isolates	Quinolones	Miscellane ous Antibiotics	Antifungals	
		Levofloxacin	Sulfamethoxazole- Trimethoprim	Fluconazole	Voriconazole
All Specimen Sources					
Candida albicans	12*	100%*	100%*	91%*	100%*
Candida non-albicans	2*			100%*	100%*
Candida parapsilosis	2*			100%*	100%*

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