

# 2023 Cumulative Antimicrobial Susceptibility Report



INPATIENT DATA

PeaceHealth Southwest Medical Center

January 1 - December 31, 2023

Dash (-) = not tested, inappropriate, or < 30 strains tested. R = intrinsically resistant.

GRAM NEGATIVE ORGANISM	PERCENT SUSCEPTIBLE	# Isolates Tested	Beta-lactams									Fluoro-quinolones		Aminoglycosides			Miscellaneous			
			Penicillins			Cephalosporins				Carbapenems		Ciprofloxacin	Levofloxacin	Amikacin	Gentamicin	Tobramycin	Nitrofurantoin - urine only	Tetracycline	Trimethoprim/sulfamethoxazole	
			Ampicillin	Amoxicillin/clavulanic acid	Piperacillin/tazobactam	Cefazolin - urine isolates only	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ertapenem									Meropenem
<i>Citrobacter freundii</i>		63	R	R	-	-	R	-	-	100	98	100	97	95	100	97	98	94	98	97
<i>Citrobacter koseri</i>		30	R	100	100	-	87	100	100	100	100	100	97	100	100	100	-	97	100	
<i>Enterobacter cloacae</i>		138	R	R	-	-	R	-	-	96	95	100	94	93	100	99	98	52	87	93
<i>Escherichia coli</i>		1529	61	88	98	88	94	92	97	98	100	100	84	79	100	94	95	98	81	81
<i>Klebsiella aerogenes</i>		51	R	R	-	-	R	-	-	100	98	100	96	98	100	100	98	17	94	98
<i>Klebsiella oxytoca</i>		75	R	92	97	-	97	91	96	100	100	100	96	95	99	95	95	82	90	93
<i>Klebsiella pneumoniae</i>		333	R	92	97	87	97	89	93	97	99	99	88	88	100	95	92	35	84	89
<i>Morganella morganii</i>		35	R	R	97	-	51	89	74	97	100	100	71	71	100	91	100	-	50	74
<i>Proteus mirabilis</i>		201	74	85	100	93	91	95	99	100	100	100	82	82	100	94	96	R	R	79
<i>Pseudomonas aeruginosa</i>		295	R	R	89	-	-	R	91	91	R	99	91	84	99	-	100	-	-	R
<i>Serratia marcescens</i>		45	R	R	98	-	R	93	100	100	100	100	93	91	100	98	87	R	41	100
<i>Stenotrophomonas maltophilia</i>		56	R	R	R	-	-	R	-	-	R	R	-	95	R	R	R	-	-	100

NOTE: Third generation cephalosporins and piperacillin/tazobactam are unreliable for systemic infections with AmpC producing organisms (*E. cloacae*, *K. aerogenes*, or *C. freundii*), regardless of susceptibility data, due to the development of induced resistance on treatment.

*Haemophilus influenzae* beta lactamase positive: 13.0% (n=115)

Note: It is recommended that susceptibility data only be reported when there are at least 30 clinical isolates in the data set.

This antibiogram was created in compliance with CLSI M39-A4 Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data; Approved Guideline, 4<sup>th</sup> Edition, January 2014.

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GRAM POSITIVE ORGANISM	PERCENT SUSCEPTIBLE	# Isolates Tested	Beta lactams					Fluoro-quinolones		Amino-glycosides		Miscellaneous								
			Penicillins/Cephalosporins					Ciprofloxacin	Levofloxacin	Gentamicin Synergy	Streptomycin Synergy	Clindamycin	Daptomycin	Erythromycin	Minocycline	Nitrofurantoin - urine only	Rifampin	Tetracycline	Trimethoprim/sulfamethoxazole	Vancomycin
			Penicillin	Oxacillin	Ampicillin	Cefazolin	Ceftriaxone													
<i>Enterococcus faecalis</i>		300	-	-	100	-	-	-	83	96	-	-	-	-	99	-	-	-	100	
<i>Enterococcus faecium</i>		34	-	-	29	-	-	-	-	-	-	-	-	-	-	-	-	-	64	
<i>Staphylococcus aureus</i> , MRSA		318	-	0	-	0	-	-	-	-	79	100	-	100	-	100	74	99	100	
<i>Staphylococcus aureus</i> , MSSA		696	-	100	-	100	-	-	-	-	87	-	-	100	-	-	92	100	-	
<i>Staphylococcus epidermidis</i>		89	-	42	-	42	-	-	-	-	62	-	-	100	-	-	74	63	100	
<i>Staphylococcus lugdunensis</i>		47	-	89	-	89	-	-	-	-	84	-	-	100	-	-	100	98	100	
<i>Streptococcus agalactiae</i> (Group B)		89	100	-	-	100	100	-	-	-	65	-	49	-	-	-	-	-	100	
<i>Streptococcus anginosus</i>		92	98	-	-	-	99	-	-	-	-	-	-	-	-	-	-	-	100	
<i>Streptococcus constellatus</i>		43	91	-	-	-	93	-	-	-	-	-	-	-	-	-	-	-	100	
<i>Streptococcus intermedius</i>		38	100	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	100	
<i>Streptococcus mitis/oralis</i>		57	75	-	-	-	100	-	98	-	-	-	-	-	-	-	88	-	100	
<i>Streptococcus pneumoniae</i>		70	100*	-	-	-	99*	-	100	-	-	-	74	-	-	-	81	-	-	
<i>Streptococcus pyogenes</i> (Group A)		117	100	-	-	100	100	-	-	-	71	-	71	-	-	-	-	-	100	

\*Non-meningitis breakpoint

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