



January 1, 2023 - December 31, 2024 Antibigrams - Inpatient Respiratory
Percent Susceptible (%^s)

Gram Negative Isolates		B-lactams															Aminoglycosides			FQ		Other		
 Saint Francis Healthcare System 211 Saint Francis Drive Cape Girardeau, MO 63703 Saint Francis HEALTHCARE		Penicillins			Cephalosporins						Carbapenems		Mono-bactam	Aminoglycosides			FQ		Other					
		Ampicillin	Ampicillin/Sulbactam	Piperacillin/tazobactam	Cefazolin	Cefepime	Cefotaxime	Cefoxitin	Ceftriaxone	Ceftazidime	Ertapenem	Meropenem	Aztreonam	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Tetracycline	Tigecycline	Trimethoprim-sulfamethoxazole			
Organism	Number of Isolates																							
<i>Acinetobacter baumannii</i>	+																							
<i>Citrobacter freundii</i>	+																							
<i>Enterobacter cloacae</i>	+																							
<i>Escherichia coli</i>	+																							
<i>Escherichia coli, ESBL</i>	+																							
<i>Klebsiella aerogenes</i>	+																							
<i>Klebsiella oxytoca</i>	+																							
<i>Klebsiella pneumoniae</i>	+																							
<i>Klebsiella pneumoniae, ESBL</i>	+																							
<i>Morganella morganii</i>	+																							
<i>Proteus mirabilis</i>	+																							
<i>Providencia spp.</i>	+																							
<i>Pseudomonas aeruginosa</i>	67	R	R	93		91	R		R	94	R	93	88	97		96	90	88	R	R	R			
<i>Salmonella spp.</i>	+																							
<i>Serratia marcescens</i>	+																							
<i>Shigella spp.</i>	+																							
<i>Stenotrophomonas maltophilia</i>	+																							

Gram Positive Isolates		B-lactams									Aminoglycosides			FQ		Macrolide			Other								
 Saint Francis Healthcare System 211 Saint Francis Drive Cape Girardeau, MO 63703 Saint Francis HEALTHCARE		Penicillins			Cephalosporins						Carbapenem ¹	Aminoglycosides			FQ		Macrolide			Other							
		Ampicillin	Amox/K Clav	Penicillin ²	Oxacillin	Cefazolin	Cefepime	Cefotaxime ³	Ceftriaxone	Cefuroxime	Meropenem ¹	Gentamicin	Gentamicin Synergy	Streptomycin Synergy	Ciprofloxacin	Levofloxacin	Azithromycin	Erythromycin	Tetracycline	Tigecycline	Clindamycin	Daptomycin	Rifampin	Trimethoprim-Sulfamethoxazole	Vancomycin		
Organism	Number of Isolates																										
<i>Staphylococcus aureus</i> - Methicillin Sensitive (MSSA)	63	R		16	100	98			100	100			98				89	90		63	86	100	79	100	98	100	100
<i>Staphylococcus aureus</i> - Methicillin Resistant (MRSA)	39	R		R	R	R			100	R			100				33	33		21	90	97	51	100	100	97	100
<i>Streptococcus pneumoniae</i> ¹	40		97	59				95	92			95	79					95	51	48	69		87			59	100

¹The %s for each organism/antimicrobial agent combination was calculated by including only the first isolate of that organism recovered from a given patient during the time frame analyzed.

² For use in Urinary Tract Infections Only. Number of urinary isolates.

³ Penicillin, Cefotaxime, Ceftriaxone and Meropenem - Breakpoints utilized are for CNS infections only and are lower than non-CNS infection breakpoints. Resistance may be higher than expected due to this.

Symbols:

-, drug not tested or drug not indicated.

+, indicates < 30 isolates for the year and data not listed.

R = Intrinsic resistance

FQ = Fluoroquinolones

ESBL = Extended spectrum beta-lactamase

MSSA = Methicillin Susceptible *Staphylococcus aureus*

MRSA = Methicillin Resistant *Staphylococcus aureus*