January 1 - December 31, 2023 Antibiograms - Inpatients
Percent Susceptible (%S[1])

Gram Negative Isolates

Saint Francis Healthcare System
211 Saint Francis Drive
Cape Girardeau, MO 63703

Organism	Number of Isolates	B-lactams: Penicillins			B-lactams: Cephalosporins						B-lactams: Carbapenems		B-lactams: 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	Nitrofurantoin[2]	2Number of Urinary Isolates
Acinetobacter baumannii	+	R			R						R		R										
Citrobacter freundii	+	R	R		R			R															
Enterobacter cloacae	54	R	R	81	R	85	69	R	62	73	85	100	71	100	100	98	98	98	94	96	94		+
Escherichia coli	419	62	67	99	82	99	100	95	99	99	99	100	99	100	95	95	82	84	80	100	79	97	329
Escherichia coli, ESBL	62	0	18	92	0	0	0	87	0	0	98	100	0	100	56	55	27	40	44	100	42	86	51
Klebsiella aerogenes	+	R	R		R			R															
Klebsiella oxytoca	43	R	74	95	14	93	93	93	86	95	100	100	88	98	98	95	95	98	84	100	86	87	30
Klebsiella pneumoniae	153	R	89	99	94	100	100	96	100	100	100	100	99	100	99	100	94	96	91	99	91	33	115
Klebsiella pneumoniae, ESBL	+																						
Morganella morganii	+	R			R															R		R	
Proteus mirabilis	105	80	95	100	79	97	99	97	97	97	100	100	100	99	90	90	68	70	R	R	70	R	
Providencia spp.	+																		R	R		R	
Pseudomonas aeruginosa	118	R	R	96		86	R		R	95	R	86	84			92	82	82	R	R	R		
Salmonella spp.	+																						
Serratia marcescens	+	R	R		R			R														R	
Shigella spp.	+																						
Stenotrophomonas maltophilia	+	R	R	R			R		R		R	R	R	R	R	R			R				

Haemophilus influenzae % Beta Lactamase Positive = 36% (N = 50)

Gram Positive Isolates

Saint Francis Healthcare System
211 Saint Francis Drive
Cape Girardeau, MO 63703

Organism	Number of Isolates	B-lactams: Penicillins				B-lactams: Cephalosporins						Aminoglycosides			FQ		Macrolide		Other								
		Ampicillin	Amox/ K Clav	Penicillin[3]	Oxacillin	Cefazolin	Cefepime	Cefotaxime[3]	Ceftaroline	Ceftriaxone[3]	Meropenem[3]	Gentamicin	Gentamicin Synergy	Streptomycin Synergy	Ciprofloxacin	Levofloxacin	Azithromycin	Erythromycin	Tetracycline	Tigecycline	Clindamycin	Daptomycin	Linezolid	Rifampin	Trimethoprim-Sulfamethoxazole	Vancomycin	Nitrofurantoin[2]	2Number of Urinary Isolates
Enterococcus spp.	37	100		100		R	R	R	R	R			76	89	78	84			38		R	100	100	46	R	100		+
Enterococcus faecalis	124	100		100		R	R	R	R	R			82	93	77	87		26	26	100	R	100	100	46	R	100	98	66
Enterococcus faecalis - Vancomycin Resistant (VRE)	+					R	R	R	R	R											R				R	R		
Enterococcus faecium	+					R	R	R	R	R											R				R			
Enterococcus faecium - Vancomycin Resistant (VRE)	+					R	R	R	R	R											R				R	R		
Staphylococcus aureus - Methicillin Sensitive (MSSA)	109	0		18	100	100			100	100		97			91	91		63	86	100	78	100	100	98	100	100		+
Staphylococcus aureus - Methicillin Resistant (MRSA)	93	0		0	0	0			98	0		98			27	33		21	81	99	62	100	100	99	96	100		+
Staphylococcus epidermidis	138	0		7	38	38				38		93			64	64		39	83	99	50	100	100	99	62	100	100	30
Staphylococcus hominis	36	0		8	50	50				50		100			78	78		14	61		67	100	100	100	53	100		+
Streptococcus agalactiae	62			100												100		40	18		51	100	100					
Streptococcus pneumoniae[3]	+																											
Streptococcus anginosus	31	100		100			100	100		100	100					100												

[1]The %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

Reference: Clinical and Laboratory Standards Institute - M39 Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data, 5th Edition.