

MBMC Antibiogram 2022

GRAM NEGATIVE		ANTIBIOTICS															
1/1/2022-12/31/2022		Number tested	Amoxicillin/ Clavulanic Acid	Ampicillin	Cefazolin	Cefepime	Ceftriaxone	Ciprofloxacin	Ertapenem	Gentamicin ^(b)	Levofloxacin	Meropenem	Nitrofurantoin	Piperacillin/ Tazobactam	Tetracycline	Tobramycin ^(b)	Trimethoprim/ Sulfamethoxazole
ORGANISM	PERCENT SUSCEPTIBLE																
<i>Acinetobacter baumannii</i> complex ^(a)	24							36		85		36		36	49	98	85
<i>Citrobacter freundii</i> complex	47	•	•	•	100	•	89	100	98	85	100	98	•	79	98	91	
<i>Citrobacter koseri</i>	34	97		94	100	97	97	100	100	97	100	85	100	100	100	97	
<i>Klebsiella (Enterobacter) aerogenes</i>	47	•	•	•	98	•	96	94	98	94	94	11	•	96	100	98	
<i>Enterobacter cloacae</i> complex	92	•	•	•	91	•	95	90	98	92	99	25	•	89	98	93	
<i>Escherichia coli</i>	2722	84	55	84	94	91	77	100	93	73	100	95	97	79	93	79	
<i>Escherichia coli</i> - Urine only	1291	85	56	85	94	91	77	100	93	73	100	95	97	80	93	80	
<i>Klebsiella oxytoca</i>	81	83	0	56	95	85	89	98	94	91	98	85	86	89	95	90	
<i>Klebsiella pneumoniae</i>	338	92	0	90	94	92	89	99	95	86	100	24	95	85	93	90	
<i>Proteus mirabilis</i>	218	89	75	91	97	95	67	100	92	67	100	0	98	1	94	75	
<i>Pseudomonas aeruginosa</i> ^(b)	320				92		79			76	96		92		98		
<i>Serratia marcescens</i>	47	•	•	•	100	•	98	100	100	96	100	0	•	32	83	98	
<i>Stenotrophomonas maltophilia</i> ^(a)	51									89						93	
<i>Haemophilus influenzae</i> ^(a)	38	29% of H.influenzae isolates were β-lactamase positive, resistant to all penicillins															

GRAM POSITIVE		ANTIBIOTICS																		
1/1/2022-12/31/2022		Number tested	Ampicillin	Benzylopenicillin	Ceftriaxone	Ceftriaxone (non-meningitis)	Ceftriaxone (meningitis)	Clindamycin	Erythromycin	Gentamicin (High-Level)	Linezolid	Nitrofurantoin	Oxacillin	Penicillin (non-meningitis)	Penicillin (meningitis)	Penicillin Oral V	Streptomycin (High-Level)	Tetracycline	Trimethoprim/ Sulfamethoxazole	Vancomycin
Organism	PERCENT SUSCEPTIBLE																			
<i>Enterococcus faecalis</i>	290	99							11	79	95	99					89	32		93
<i>Enterococcus faecium</i>	73	27							4	86	97	19					68	30		42
<i>Staphylococcus aureus</i> , ALL	524							69	45		100		62					89	96	100
MRSA only	199							62	20		100		0					83	91	100
MSSA only	325							72	60		100		100					91	98	100
<i>Staphylococcus epidermidis</i>	138							62	41		100		39					80	59	99
<i>Staphylococcus lugdunensis</i>	39							64	64		100		77					90	97	100
<i>Streptococcus agalactiae</i> ^(a)	78		100	100				44	33									17		100
<i>Streptococcus anginosus</i>	37		89	95				65	62									54		100
<i>Streptococcus pneumoniae</i> ^(a)	41				100	91			58					98	73	73			83	100

- 85-100% Susceptible
- 60-84% Susceptible
- <60% Susceptible
- Due to the presence of inducible beta-lactamases, this organism should be considered resistant to the antimicrobial indicated
- Shaded boxes indicate organism/antimicrobial combines not tested routinely
- Denotes manufacturer reporting limitation

(a) Data from 2021 and 2022 has been combined. Isolates <30 have poor statistical validity. (b) Aminoglycoside susceptibility breakpoints for Enterobacterales and *Pseudomonas aeruginosa* were updated in 2023. Data is reflective of pre-2023 breakpoints and current susceptibility rates may be lower. Note, there is no longer a susceptibility breakpoint for *P. aeruginosa* and gentamicin and data was omitted from this version.