

# ANTIBIOTICS

ANTIMICROBIAL SUSCEPTIBILITY  
PROFILE for 2018

**ORGANISMS**  
Isolated in 2017

	Number tested	Penicillin	Ampicillin	Amoxicillin	Ampicillin/Clav	Oxacillin	Cefazolin (1)	Cefoxitin (2)	Cefuroxime (2)	# Ceftriaxone (3)	Cefepime	Clindamycin (3)	Tetracycline ***	Tobramycin	Gentamicin	Ertapenem	Meropenem	Piperacillin/Tazo	Vancomycin	Daptomycin	Linezolid	Levofloxacin	Ciprofloxacin	Trimeth/Sulfa	Nitrofurantoin(DTI only)	Rifampin*	
Escherichia coli **	1953	53	88	60		88	94	88	93	92	93			93	92	99	99	98					97	77	97		
Klebsiella pneumoniae**	376		88	79		87	95	85	88	88	90			91	91	99	100	98					89	81	59		
Enterobacter cloacae	127								85	65	100			100	98	86	100	90					100	96	31		
Proteus mirabilis	143	63	94	80		76	76	88	91	90	92			85	84	99	100	100					43	52			
Pseudomonas aeruginosa***	185								88		89			89	77		90	98					73				
Staphylococcus aureus MSSA	528		100	100	100							83	95		99				100	100	100	90		99	100	99	
Staphylococcus aureus MRSA	209											75	95		92				100	99	100	29		94		100	
New isolate MRSA RATE	28%																										
Staphylococcus epidermidis	86		33		33									87					100	100	100	58			100	99	
Enterococcus faecalis	270	100																	97	100		76			100		
Streptococcus pneumoniae	32	72								94			84						100			100		81			

EXPRESSED IN % SUSCEPTIBLE

Blank indicates insufficient data, inappropriate organism/drug combination, or susceptibility less than 10%.

# Ceftriaxone for S. pneumoniae reported at meningitis breakpoint.

\*Rifampin should not be used as a single agent.

\*\*These organisms can produce an extended beta-lactamase(ESBL)Ceftazidime resistance indicates the organism's ability to produce this enzyme.

\*\*\*Pseudomonas may test as sensitive to Ceftazidime in vitro but may produce an inducible beta-lactamase in vivo.

\*\*\*\*All Staphylococci are tested for inducible Clindamycin resistance. If inducible resistance is detected,the isolate is reported as resistant.

This Chart is for the use of PMC physicians in choosing empiric therapy prior to definitive test results.