



Antimicrobial Susceptibility Profile (January 2022 - December 2022) Outpatient Only

NOTE: Statistics include data from patients seen in the medical centers through the Emergency Department, Ambulatory and Clinics.

GRAM POSITIVE SUSCEPTIBILITIES (Percent Susceptible)

	<i>S. aureus</i> ³ complex ⁷ MSSA ⁴		<i>S. aureus</i> ³ complex ⁷ MRSA		All <i>S. aureus</i> ³ complex ⁷		<i>Staph lugdunensis</i> ³		All other coag neg <i>Staph</i> sp. ³		<i>Enterococcus</i> Non-VRE ⁵		<i>Enterococcus faecalis</i>		<i>Enterococcus faecium</i>		<i>Enterococcus</i> VRE		<i>Streptococcus agalactiae</i>		<i>Streptococcus pneumoniae</i>		<i>Streptococcus pyogenes</i>		<i>Viridans Strep</i> group ⁸					
	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec		
Ampicillin												97	98	100	100	34	34	*	25	100	100			100	100	100	99			
Cefazolin	100	100			70	68	88	82	57	58																				
Cefotaxime																														
Ceftriaxone																										100	n/a			
Ciprofloxacin (urine)																														
Clindamycin ^{1,2}	85	87	60	63	78	79	84	86	69	65																				
Daptomycin	100	100	100	100	100	100	100	100	99	100																				
Erythromycin	76	78	27	31	61	63	88	86	47	41																				
Levofloxacin (urine)																														
Linezolid	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	*	100											
Minocycline	100	100	100	100	100	100	100	100	100	99																				
Moxifloxacin	96	96	56	55	85	91	94	100	85	82												*	*							
Nitrofurantoin (urine)	100	100	100	100	100	100	100	100	100	100	99	99	100	99	59	28	*	34												
Oxacillin	100	100			69	68	88	80	57	58																				
Penicillin	40	40			28	27	55	48	22	24																				
Rifampin ³	100	100	99	99	100	100	100	100	99	98																				
Tetracycline ⁶	91	91	76	78	86	87	94	98	77	78	27	29	25	27	38	41	*	11				*	*							
Trimeth-Sulfa	96	96	58	55	85	83	98	100	77	74													*	*						
Vancomycin	100	100	100	100	100	100	100	100	100	100	99	99	100	100	66	53	*	0	100	100	*	*	100	100	100	100	100			
Total Isolates	1786	1950	778	929	2564	2879	51	60	933	996	1216	1229	1135	1159	58	58	25	36	130	135	11	20	539	800	106	89				
Total Urine Only	138	110	34	36	172	146	25	35	475	478	796	891	763	753	29	34	12	18	15	13	1	1	0	0	20	24				
	MRSA Rate		30%	32%													VRE Rate		2%	3%										

<i>Streptococcus pneumoniae</i>								
Cefotaxime			Ceftriaxone			Penicillin		
MIC	# isolates <i>S. pneumoniae</i>		MIC	# isolates <i>S. pneumoniae</i>		MIC	# isolates <i>S. pneumoniae</i>	
	Jan-Jun	Jul-Dec		Jan-Jun	Jul-Dec		Jan-Jun	Jul-Dec
<=0.12	*	*	<=0.12	*	*	<=0.06	*	*
0.25	*	*	0.25	*	*	0.12	*	*
0.5	*	*	0.5	*	*	0.25	*	*
1	*	*	1	*	*	0.5	*	*
2	*	*	2	*	*	1	*	*
>=4	*	*	>=4	*	*	2	*	*
						4	*	*
						>=8	*	*

S. pneumoniae interpretive guidelines

Penicillin		
Parenteral non-meningitis		
<=2 S	4 I	>=8 R
Parenteral meningitis		
<=0.06 S	----	>=0.12 R
Oral		
<=0.06 S	0.12-1 I	>=2 R
Cefotaxime and Ceftriaxone		
Non-meningitis		
<=1 S	2 I	>=4 R
Meningitis		
<=0.5 S	1 I	>=2 R

Percent susceptible calculations are based on total Sensitive and Resistant isolates only; # of urine isolates are indicated to show what portion of the total count is due to a urine collection.

FOOTNOTES:

n/a = not available

¹ Clindamycin & Erythromycin are not appropriate for urine sources

² Erythromycin is not appropriate for pregnant women

³ Rifampin should not be used alone for treatment of *Staph* infections

⁴ *Staph aureus* (MSSA) isolates that show Penicillin susceptibility may harbor the blaZ gene that produces beta-lactamase.

⁵ Non-VRE includes intrinsically resistant *Enterococcus* (*E. casseliflavus* & *E. gallinarum*)

⁶ For urine only with isolates of *Enterococcus*

⁷ *Staph aureus* complex includes *Staph aureus*, *Staph argenteus* and *Staph schweitzeri*

⁸ *Viridans Strep* group includes *S. anginosus* group, *S. bovis* group, *S. mitis* group, *S. mutans* group, *S. salivarius* group and *S. sanguinis* group

Asterisk (*) indicates no result available

Where isolates in both periods are >=30, the following apply:

Green indicates increase in susceptibility by >5%

Red indicates decrease in susceptibility by >5%

NOTE: Where total isolates is less than 30, the susceptibility percentage may not be clinically significant and is not provided. These are highlighted in BLUE on these tables.
Source: CLSI Document M39-5thEd, January 2022