



Antimicrobial Susceptibility Profile (January 2023 - December 2023) Outpatient Only

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

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</i> <i>faecalis</i>		<i>Enterococcus</i> <i>faecium</i>		<i>Enterococcus</i> VRE		<i>Streptococcus</i> <i>agalactiae</i>		<i>Streptococcus</i> <i>pneumoniae</i>		<i>Streptococcus</i> <i>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	
	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC	# isolates <i>S. pneumoniae</i>	MIC
Ampicillin										98	98	100	100	38	30	3	*	100	100			100	100	100	100				
Cefazolin	100	100			69	71	86	78	55	57																			
Cefotaxime																					See Table			100	97				
Ceftriaxone																					See Table			100	97				
Ciprofloxacin (urine)											91	90	92	91	29	30	0	*											
Clindamycin ^{1,2}	85	85	63	64	78	79	84	84	65	68									59	48	97	*	80	91					
Daptomycin	100	100	100	100	100	100	100	100	100	100																			
Erythromycin	76	77	31	32	62	64	84	82	44	44									56	39	85	*	78	90					
Levofloxacin (urine)											92	91	92	92	33	31	0	*			100	*							
Linezolid	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	99	99																			
Moxifloxacin	96	97			96	97															100	*							
Nitrofurantoin (urine)	100	100	100	100	100	100	100	100	100	100	99	98	100	99	33	11	19	*											
Oxacillin	100	100			69	71	86	78	56	58																			
Penicillin	40	39			28	28	41	24	22	24									100	100	See Table	100	100	97	99				
Rifampin ³	100	100	100	100	100	100	100	100	98	98																			
Tetracycline ⁶	91	90	75	73	86	85	94	93	80	80	25	26	24	24	35	36	6	*			91	*							
Trimeth-Sulfa	96	95	59	61	85	85	98	97	76	75											91	*							
Vancomycin	100	100	100	100	100	100	100	100	100	100	99	99	100	100	54	57	0	*	100	100	100	*	100	100	100	100			
Total Isolates	2045	2017	919	821	2964	2838	51	59	993	923	1167	1058	1095	989	68	44	32	22	116	105	33	28	736	794	80	78			
Total Urine Only	116	105	43	32	159	137	33	28	466	430	789	697	750	674	40	24	16	9	7	9	0	1	0	1	15	16			
	MRSA Rate		31%	29%											VRE Rate		3%	2%											

<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	30	*	<=0.12	31	*	<=0.06	25	*
0.25	0	*	0.25	0	*	0.12	2	*
0.5	1	*	0.5	0	*	0.25	4	*
1	1	*	1	2	*	0.5	0	*
2	0	*	2	0	*	1	2	*
>=4	0	*	>=4	0	*	2	0	*
						4	0	*
						>=8	0	*

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

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

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%