



Antimicrobial Susceptibility Profile (January 1, 2024 through December 31, 2024) 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				
	Ampicillin										98	98	100	100	35	37	*	*	100	100			100	100	98	99						
Cefazolin	100	100			71	73	84	93	59	61																						
Cefotaxime																					See Table											
Ceftriaxone																					See Table			100	100	98	99					
Ciprofloxacin (urine)											92	91	92	93	27	35	*	*														
Clindamycin ^{1,2}	85	84	65	69	79	80	78	87	65	64									59	56	78	*	91	90	95	91						
Daptomycin	100	100	100	100	100	100	100	100	99	100																						
Erythromycin	75	77	34	38	63	67	75	89	44	43									56	51	67	*	89	88								
Linezolid	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																					100	*										
Nitrofurantoin (urine)	100	100	100	100	100	100	100	100	100	100	99	98	100	100	33	28	*	*														
Oxacillin	100	100			71	73	84	94	59	62																						
Penicillin	41	38			29	28	49	48	22	26									99	100	See Table		100	100	97	100						
Rifampin ³	100	100	100	100	100	100	100	100	99	99																						
Tetracycline ⁶	89	91	74	75	85	87	96	97	77	77	27	25	26	24	35	37	*	*				100	*									
Trimeth-Sulfa	95	93	61	57	85	84	98	95	75	75												97	*									
Vancomycin	100	100	100	100	100	100	100	100	100	100	99	99	100	100	62	74	*	*	100	100	100	*	100	100	100	100						
Total Isolates	2038	2175	819	782	2857	2957	49	63	955	981	1159	1223	1095	1149	52	57	25	18	118	127	36	23	778	906	89	93						
Total Urine Only	115	121	30	24	145	145	29	29	429	398	791	847	765	813	31	26	14	7	10	10	1	0	0	2	16	29						
	MRSA Rate		29%	26%															VRE Rate		2%	1%										

<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	32	*	<=0.12	30	*	<=0.06	31	*
0.25	*	*	0.25	3	*	0.12	1	*
0.5	3	*	0.5	1	*	0.25	3	*
1	*	*	1	2	*	0.5	1	*
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

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:

- 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%