



**NetworkReferenceLab**

MICROBIOLOGY DEPARTMENT

ST. LOUIS, MISSOURI

**ANTIBIOTIC  
SUSCEPTIBILITY  
OF  
COMMON  
ORGANISMS**

**January – December 2009**

Data are Percent susceptible

<b>% Susceptible January - December 2009</b>	Staphylococcus aureus	Coagulase neg Staphylococci	Streptococcus pneumoniae	Enterococcus species	Viridans group Streptococci	Group B Streptococci	Escherichia coli	Proteus mirabilis	Klebsiella pneumoniae	Enterobacter cloacae	Enterobacter aerogenes	Klebsiella oxytoca	Citrobacter freundii complex	Acinetobacter calcoaceticus/baumannii	Citrobacter koseri	Serratia marcescens	Providencia stuartii	Morganella morganii	Pseudomonas aeruginosa	Haemophilus influenzae
<b>Total Number of Isolates</b>	<b>1831</b>	<b>409</b>	<b>86</b>	<b>916</b>	<b>167</b>	<b>53</b>	<b>2667</b>	<b>515</b>	<b>542</b>	<b>135</b>	<b>69</b>	<b>80</b>	<b>57</b>	<b>80</b>	<b>113</b>	<b>35</b>	<b>30</b>	<b>83</b>	<b>397</b>	<b>72</b>
Penicillin G			*		73	100														
Oxacillin	33	49																		
Vancomycin	100	100	100	79	100	100														
Erythromycin	20	45	50		55	50														
Azithromycin			50																	
Linezolid				86																
Clindamycin	74	69	79		91	65														
Cefazolin	33	49					93	97	91	0	0	66	0		98	0	0	1		
Cefuroxime-parenteral			63				94	100	89	54	81	93	75		92	0	84	12		
Cefuroxime-oral							90	99	86	26	78	91	74		88	0	72	12		
Cefotetan							100	100	99	63	83	100	83		100	100	97	80		
Ceftriaxone			**		89	100	99	100	94	80	91	99	84	8	98	100	100	76	13	
Cefotaxime							99	100	93	75	89	98		10	98	100	97	67		
Cefepime							99	100	93	97	100	98	100	29	99	100	100	100	85	
Ceftazidime							98	100	91	73	89	98	71	22	98	100	90	67		
Ampicillin				80		100	52	82	0	0	0	0		2	0	0	0	0		65
Ampicillin/Sulbactam	33	49					53	96	81	11	19	54		68	86	19	13	50		
Amoxicillin/Clavulanate							80	93	90	0	0	90	0		93	0	0	1		
Piperacillin/tazobactam							99	100	93			89	79	40	98	96	93	69	90	
Ticarcillin							55	87	1	70	84	1	79		1	85	78	73		
Imipenem							100	100	97	100	100	100	100	51	100	100	100	98	85	
Aztreonam							98	100	91	73	89	90	71	4	98	100	97	69	74	
Gentamicin							92	95	96	98	100	98	96	73	97	100	94	72	81	
Tobramycin							94	95	96	95	100	98	96	48	99	97	53	89	92	
Amikacin							100	100	100	100	100	100	100	73	100	100	100	100	97	
Trimethoprim/sulfa	98	64	62				81	69	88	83	99	91	91	35	97	100	53	69		
Nitrofurantoin				82			99	0	61	54	32	95	100	0	98	0	0	17		
Ofloxacin			79				82	69	93	88	99	97	88		93	94	17	50		
Levofloxacin			99		100		82	71	92	90	99	99	89	30	92	100	22	55	69	
Ciprofloxacin	48	54		15			82	70	93	90	99	99	89	34	92	100	28	55	70	
Tetracycline	95	86		33			82	0	83	76	91	90	82	35	96	3	0	46		

\*S pneumoniae, parenteral penicillin, for meningitis S=49%, R=51%

\*S pneumoniae, parenteral penicillin, for nonmeningitis S=95%, I=5%, R=0%

\*S pneumoniae, oral penicillin, nonmeningitis S=49%, I=34%, R=17%

\*\*S pneumoniae, ceftriaxone, for meningitis S=81%, I=6%, R=13%

\*\*S pneumoniae, ceftriaxone, for nonmeningitis S=86%, I=4%, R=10%