

# Antimicrobial Susceptibility Report *for* 2014

## ALL PATIENT DATA

*PeaceHealth St. John Medical Center*

Cumulative data from Jan.1 - Dec. 31, 2014  
percent susceptible

This antibiogram was created in compliance with CLSI document M39-A4  
"Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data;  
Approved Guideline" - Fourth Edition, January 2014.



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## GRAM-NEGATIVE (percent susceptible)

	<i>Citrobacter freundii</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Klebsiella oxytoca</i>	<i>Klebsiella pneumoniae</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>
# isolates	74	46	111	2331	79	358	190	198	35
Amikacin	100	100	100	100	100	100	100	98	100
Ampicillin	R	R	R	58	R	R	67	-	R
Amoxicillin/ clavulanic acid	R	R	R	84	94	91	100	-	R
Cefoxitin	R	R	R	93	99	96	86	-	R
Cefepime (1)	100	100	98	98	99	96	98	93	100
Ceftazidime (2)	78	96	84	97	99	96	97	88	100
Cefotaxime	84	98	84	97	99	96	98	-	100
Ciprofloxacin	81	98	97	86	97	96	65	81	97
Ertapenem (3)	100	100	100	100	100	100	100	-	100
Gentamicin	90	100	97	95	97	97	88	95	97
Meropenem (3)	99	100	100	100	100	100	99	92	100
Levofloxacin	82	98	96	86	97	97	66	77	97
Nitrofurantoin (4)	82	5	37	95	74	24	R	-	R
Piperacillin/tazobactam	83	91	84	97	97	96	100	95	100
Tobramycin	93	100	97	96	97	96	89	97	88
Trimethoprim/ sulfamethoxazole	84	100	91	80	97	92	72	-	97

(1) For *Pseudomonas aeruginosa*, interpretive criteria for cefepime are based on a dosage regimen of 1 gram every 8 hours or 2 grams every 12 hours. (2) For *Pseudomonas aeruginosa*, the interpretive criteria for ceftazidime are based on a dosage regimen of 1 gram every 6 hours or 2 grams every 8 hours. (3) For Enterobacteriaceae, the interpretive criteria for ertapenem and meropenem are based on a dosage regimen of 1 gram every 8 hours. (4) Applicable to urine isolates only. Dash (-) = inappropriate drug or not tested. ESBL = Extended spectrum beta-lactamase. ESBL *Escherichia coli* 4%. ESBL *Klebsiella pneumoniae* 7%. ESBL *Klebsiella oxytoca* 1%. R = intrinsically resistant. Note: Ertapenem, meropenem and cefotaxime statistics affected by lowered breakpoints. Note: Susceptibility data is only reported when 30 or more isolates were tested.

## GRAM-POSITIVE (percent susceptible)

	Enterococcus species Group D	<i>Enterococcus faecium</i>	<i>Staphylococcus coagulase negative</i>	MRSA	MSSA	<i>Streptococcus pneumoniae</i>
# isolates	444	21	657	524	520	27
Ampicillin	96	10	-	-	-	-
Azithromycin	-	-	-	-	-	85
Cefotaxime	-	-	-	-	-	96
Ciprofloxacin	67	5	63	16	83	-
Clindamycin	-	-	57	70	86	93
Erythromycin	26	-	41	7	64	-
Gentamicin Synergy (2)	60	100	-	-	-	-
Moxifloxacin	-	-	-	-	-	100
Nitrofurantoin (1)	95	6	100	100	98	-
Oxacillin	-	-	40	0	100	-
Penicillin	96	10	0	0	0	89
Streptomycin Synergy (2)	60	100	-	-	-	-
Tetracycline	16	24	75	98	96	-
Trimethoprim/sulfamethoxazole	-	-	71	85	98	89
Vancomycin	99	10	100	100	100	100

(1) Applicable to urine isolates only. (2) Applicable to blood isolates only. MRSA = Methicillin-resistant *S. aureus*. MSSA = Methicillin-susceptible *S. aureus*. Dash (-) = inappropriate drug or not tested. Note: It is recommended that organism susceptibility data only be reported when there are at least 30 clinical isolates from which to obtain data. In some instances, it may be prudent to include a lesser number of clinical isolates as determined by the Microbiology Medical Director. Vancomycin Resistant Enterococci (VRE) 5%. % MRSA = 50%.