

# 2015 Antimicrobial Susceptibility Report

## ALL PATIENT DATA

*PeaceHealth St. John Medical Center*

Cumulative data from Jan.1 - Jul. 31, 2015

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.



[peacehealthlabs.org/antibiograms](http://peacehealthlabs.org/antibiograms)

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16-LABO-089 030116

## Gram-Negative (percent susceptible)

	<i>Citrobacter freundii</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Haemophilus influenzae</i>	<i>Klebsiella oxytoca</i>	<i>Klebsiella pneumoniae</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>
# isolates	44	25	49	1406	25	43	214	108	119	17
Amikacin	100	100	100	100	-	100	100	100	98	100
Amoxicillin/sulbactam	R	R	R	67	-	74	87	79	-	R
Ampicillin (1)	R	R	R	60	60	R	R	61	-	R
Cefoxitin	R	R	R	92	-	95	96	85	-	R
Cefepime (2)	100	100	98	98	-	100	95	100	96	100
Ceftazidime (3)	84	80	90	97	-	100	94	97	91	94
Cefotaxime	86	84	92	97	-	100	94	99	-	94
Ciprofloxacin	91	96	92	86	-	95	97	59	74	94
Ertapenem (4)	100	100	100	100	-	100	100	100	-	100
Gentamicin	86	100	94	95	-	93	97	84	97	100
Levofloxacin	88	96	92	86	-	95	97	59	70	94
Meropenem (4)	100	100	98	100	-	100	100	100	96	100
Nitrofurantoin (5)	92	30	47	95	-	57	37	R	-	R
Piperacillin/tazobactam	90	80	86	97	-	95	98	100	95	-
Tobramycin	86	100	94	96	-	95	97	85	98	100
Trimethoprim/sulfamethoxazole	71	100	90	83	-	93	92	68	-	94

(1) For *Haemophilus*, ampicillin deduced from beta lactamase. (2) 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. (3) 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. (4) For Enterobacteriaceae, the interpretive criteria for ertapenem and meropenem are based on a dosage regimen of 1 gram per day for ertapenem and 1 gram every 8 hours for meropenem. (5) Applicable to urine isolates only. Dash (-) = inappropriate drug or not tested. ESBL = Extended spectrum beta-lactamase. ESBL *Escherichia coli* 3%, ESBL *Klebsiella pneumoniae* 1%. R = intrinsically resistant.

Note: It is recommended that 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.

## Gram-Positive (percent susceptible)

	<i>Enterococcus species Group D</i>	<i>Enterococcus faecium</i>	MRSA	MSSA	<i>Staphylococcus coagulase negative</i>	<i>Streptococcus pneumoniae</i>
# isolates	241	12	390	273	20	18
Ampicillin	96	0	-	-	-	-
Azithromycin	-	-	-	-	-	83
Cefazolin (1)	-	-	0	100	-	83
Cefotaxime	-	-	-	-	-	100
Ciprofloxacin	71	0	15	82	71	-
Clindamycin	-	-	75	84	55	100
Erythromycin	11	-	8	61	30	-
Moxifloxacin	-	-	-	-	-	100
Nitrofurantoin (2)	95	-	-	-	-	-
Oxacillin	-	-	0	100	45	-
Penicillin	96	0	-	-	-	83
Tetracycline	25	0	96	94	86	-
Trimethoprim/sulfamethoxazole	-	-	85	98	76	89
Vancomycin	100	0	100	100	100	100

(1) Deduced from oxacillin results. (2) Applicable to urine isolates only. MRSA=Methicillin-resistant *Staphylococcus aureus*. MSSA=Methicillin-susceptible *Staphylococcus aureus*. Dash (-) = inappropriate drug or not tested.

Note: It is recommended that 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.

%VRE = 5%

%MRSA = 59%