

# 2015 Antimicrobial Susceptibility Report

## ALL PATIENT DATA

*All PeaceHealth Medical Centers and Clients in Oregon*

Cumulative data from Jan.1 - Dec. 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 021916

## Gram-Negative (percent susceptible)

	<i>Acinetobacter baumannii</i>	<i>Citrobacter freundii</i>	<i>Citrobacter koseri</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Haemophilus influenzae</i>	<i>Klebsiella pneumoniae</i>	<i>Klebsiella oxytoca</i>	<i>Morganella morganii</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>	<i>Stenotrophomonas maltophilia</i>
# isolates	82	217	116	174	388	9393	40	1258	247	78	532	611	128	107
Amikacin		100	100	99	100	99	-	100	100	100	99	95	99	-
Amoxicillin/ clavulanic acid	-	R	97	R	R	98	91	98	92	R	99	-	R	-
Ampicillin	-	R	R	R	R	58	78	R	R	R	75	-	R	-
Cefepime (1)	94	100	100	99	99	99	-	99	100	99	99	91	100	-
Cefotaxime							100							-
Cefoxitin	-	R		R	R	90	-	96	98	35	95	-	R	-
Ceftazidime (2)	71	95		89	94	96	-	96	100	97	99	93	100	42
Ceftriaxone	18	87	99	82	88	96	100	98	96	92	98	-	97	-
Cefuroxime	-						97					-		-
Ciprofloxacin	99	87	100	99	97	84	100	98	98	72	74	84	95	-
Ertapenem (3)	-	99	100	99	97	99	-	99	100	100	99	-	99	-
Gentamicin	99	92	100	99	99	93	-	99	99	79	87	85	100	-
Imipenem	-						-					94		-
Levofloxacin	100	87	98	99	98	84	-	99	98	74	75	84	95	89
Meropenem (3)	100	100	100	99	99	99	-	99	100	100	100	97	99	-
Nitrofurantoin (4)	-	93	85	11	27	96	-	38	81	R	R	-	R	-
Piperacillin/ tazobactam	-	90	100	83	89	97	-	98	93	100	100	98		-
Tetracycline (4)	99	75	99	95	87	80	-	89	92	R	R	-	44	-
Tobramycin	100	94	100	99	99	94	-	98	99	92	90	98	97	-
Trimethoprim/ sulfamethoxazole	90	73	99	99	90	79	72	94	96	63	72	-	99	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 per day for ertapenem and 1 gram every 8 hours for meropenem; (4) Applicable to urine isolates only; dash (-) = inappropriate drug or not tested; blank = <30 isolates tested. R = intrinsically resistant.

Note: Susceptibility data is only reported when 30 or more isolates were tested.

## Gram-Positive (percent susceptible)

	<i>Enterococcus faecalis</i>	<i>Enterococcus faecium</i>	MRSA	MSSA	<i>Staphylococcus epidermidis</i>	<i>Staphylococcus lugdunensis</i>	<i>Streptococcus agalactiae</i>	<i>Streptococcus pneumoniae</i>	<i>Streptococcus pyogenes</i>
# isolates	1178	92	1810	2358	802	161	323	59	311
Ampicillin	99	30	-	-	-	-	-	-	-
Cefazolin (1)	-	-	0	100	49	98	-	-	-
Cefotaxime	-	-	-	-	-	-	100	96	100
Ceftriaxone	-	-	-	-	-	-	100	100	100
Clindamycin	-	-	60	86	57	88	60	82	72
Erythromycin	-	-	7	69	32	87	53	73	70
Gentamicin	-	-	99	99	89	100	-	-	-
Levofloxacin	-	-	-	-	-	-	98	98	100
Nitrofurantoin (2)	98	20	94	100	99	100	-	-	-
Oxacillin	-	-	0	100	49	98	-	-	-
Penicillin (3)	-	-	-	-	-	-	100	100	100
Tetracycline	16		97	97	85	94	23	77	69
Trimethoprim/ sulfamethoxazole	-	-	99	99	57	99	-	76	-
Vancomycin	99	53	100	100	99	100	100	100	100

1) Deduced from oxacillin results; (2) Applicable to urine isolates only; (3) *Streptococcus pneumoniae* percent susceptible based on 139 isolates; MRSA=Methicillin-resistant *Staphylococcus aureus*; MSSA = Methicillin-susceptible *Staphylococcus aureus*; dash (-) = inappropriate drug or not tested; blank = <30 isolates tested.

Note: Susceptibility data is only reported when 30 or more isolates were tested.

% MRSA = 43%