

# 2016 Antimicrobial Susceptibility Report

## ALL PATIENT DATA

*All PeaceHealth Medical Centers and Clients in Oregon*

Cumulative data from Jan.1 – Dec. 31, 2016

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)

## 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 oxytoca</i>	<i>Klebsiella pneumoniae</i>	<i>Morganella morganii</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>	<i>Stenotrophomonas maltophilia</i>
# isolates	118	196	89	161	368	8821	38	312	1409	83	562	613	166	106
Amikacin	-	100	100	100	99	99	-	100	99	99	100	96	100	-
Amoxicillin/ clavulanic acid	-	R	98	R	R	88	97	98	97	R	99	-	R	-
Ampicillin	-	R	R	R	R	64	71	R	R	R	78	-	R	-
Cefepime (1)	95	100	100	100	96	99	-	100	99	100	99	95	98	-
Cefotaxime	-	-	-	-	-	-	100	-	-	-	-	-	-	-
Cefoxitin	-	R	100	R	R	93	-	98	96	49	94	-	R	-
Ceftazidime (2)	75	90	100	84	87	97	-	99	98	89	99	94	99	28
Ceftriaxone	10	84	99	86	83	95	100	97	98	89	99	-	97	-
Cefuroxime	-	-	-	-	-	-	97	-	-	-	-	-	-	-
Ciprofloxacin	98	94	100	99	98	86	100	98	98	80	82	86	99	-
Ertapenem (3)	-	100	100	99	97	99	-	100	100	100	100	-	100	-
Gentamicin	100	96	100	99	98	94	-	98	98	84	87	90	100	-
Imipenem	-	-	-	-	-	-	-	-	-	-	-	96	-	-
Levofloxacin	98	93	100	99	98	86	-	98	98	86	83	85	99	94
Meropenem (3)	100	100	100	100	99	100	-	100	99	100	100	95	99	-
Nitrofurantoin (4)	-	94	96	13	57	98	-	88	42	R	R	-	R	-
Piperacillin/ tazobactam	94	88	99	87	86	98	-	98	97	98	99	98	-	-
Tetracycline (4)	97	85	100	96	93	81	-	91	87	R	R	-	35	-
Tobramycin	100	97	100	100	97	97	-	98	97	95	90	98	88	-
Trimethoprim/ sulfamethoxazole	97	82	100	99	92	82	62	93	93	80	79	-	99	95

(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. 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>	<i>Enterococcus species</i>	MRSA	MSSA	<i>Staphylococcus epidermidis</i>	<i>Staphylococcus lugdunensis</i>	<i>Streptococcus agalactiae</i>	<i>Streptococcus pneumoniae</i>	<i>Streptococcus pyogenes</i>
# isolates	515	43	814	2039	2774	626	153	490	98	392
Ampicillin	99	21	97	-	-	-	-	-	-	-
Cefazolin (1)	-	-	-	0	100	50	98	-	-	-
Cefotaxime	-	-	-	-	-	-	-	100	98	100
Ceftriaxone	-	-	-	-	-	-	-	100	98	100
Clindamycin	-	-	-	58	86	63	87	60	86	81
Erythromycin	-	-	-	8	71	36	88	51	65	80
Gentamicin	-	-	-	99	99	90	99	-	-	-
Levofloxacin	-	-	-	-	-	-	-	99	99	98
Minocycline	-	-	-	100	100	100	-	-	-	-
Nitrofurantoin (2)	98	-	96	100	100	99	-	-	-	-
Oxacillin	-	-	-	0	100	49	99	-	-	-
Penicillin	-	-	-	-	-	-	-	100	98	100
Tetracycline	-	-	-	97	97	84	97	23	82	81
Trimethoprim/ sulfamethoxazole	-	-	-	99	99	54	99	-	88	-
Vancomycin	99	40	98	100	100	100	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; blank = <30 isolates tested.

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

% MRSA = 42%