

# 2015 Antimicrobial Susceptibility Report

## ALL PATIENT DATA

*PeaceHealth Ketchikan Medical Center*

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)

	Enterobacter cloacae	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa
# isolates	18	501	87	12	19
Ampicillin	R	58	R	92	-
Ampicillin/sulbactam	R	68	80	92	-
Cefepime (1)	89	96	92	100	89
Ceftazidime (2)	83	95	92	100	100
Ceftriaxone	78	95	92	100	-
Ciprofloxacin	72	84	94	92	79
Ertapenem (3)	89	100	100	100	-
Gentamicin	94	95	100	92	79
Imipenem (4)	94	100	100	-	68
Levofloxacin	72	84	94	92	74
Nitrofurantoin (5)	28	94	30	R	-
Piperacillin/tazobactam	98	98	98	100	95
Tobramycin	95	97	100	92	100
Trimethoprim/sulfamethoxazole	83	86	86	92	-

(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 is based on a dosage regimen of 1 gram per day. (4) For Enterobacteriaceae, the interpretive criteria for imipenem are based on a dosage regimen of 500 mg every 6 hours or 1 gram every 8 hours. (5) Applicable to urine isolates only. Dash (-) = inappropriate drug or not tested. R = intrinsic resistance. Note: The use of replicate isolates per patient cannot be ruled out in the calculation of this antibiogram. 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.

## Gram-Positive (percent susceptible)

	Enterococcus faecalis	MRSA	MSSA	Staphylococcus epidermidis
# isolates	30	113	170	28
Ampicillin	95	-	-	-
Cefazolin (1)	-	0	100	65
Ciprofloxacin	80	37	93	68
Clindamycin	-	80	86	81
Erythromycin	20	19	70	36
Gentamicin Synergy (2)	87	-	-	-
Levofloxacin	80	44	95	68
Moxifloxacin	-	44	95	64
Nitrofurantoin (3)	100	100	100	100
Oxacillin	-	0	100	65
Penicillin	-	-	-	-
Tetracycline	33	100	94	79
Trimethoprim/sulfamethoxazole	-	97	99	46
Vancomycin	100	100	100	100

(1) Deduced from oxacillin results. (2) Applicable to blood isolates only. (3) Applicable to urine isolates only. MRSA=Methicillin-resistant Staphylococcus aureus. MSSA=Methicillin-susceptible Staphylococcus aureus. Dash (-) = inappropriate drug or not tested.

Note: The use of replicate isolates per patient cannot be ruled out in the calculation of this antibiogram.

Note: It is recommended that organism susceptibility data only be reported when there are at least 30 clinical isolates from which to obtain data.

% MRSA = 40%