

2023 Cumulative Antimicrobial Susceptibility Report



INPATIENT DATA

PeaceHealth Oregon Region

January 1 – December 31, 2023

Dash (-) = not tested, inappropriate, or < 30 strains tested. R = intrinsically resistant.

GRAM NEGATIVE ORGANISM	PERCENT SUSCEPTIBLE	# Isolates Tested	Beta-lactams									Fluoro-quinolones		Aminoglycosides			Miscellaneous			
			Penicillins			Cephalosporins				Carbapenems		Ciprofloxacin	Levofloxacin	Amikacin	Gentamicin	Tobramycin	Nitrofurantoin - urine only	Tetracycline	Trimethoprim/sulfamethoxazole	
			Ampicillin	Amoxicillin/clavulanic acid	Piperacillin/tazobactam	Cefazolin - urine isolates only	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ertapenem									Meropenem
<i>Acinetobacter baumannii</i>		37	-	-	92	-	-	-	78	97	-	100	95	97	-	97	100	-	97	97
<i>Citrobacter freundii</i>		59	R	R	81	-	R	75*	75	100	100	100	95	92	100	98	100	87 (n=31)	86	93
<i>Citrobacter koseri</i>		36	R	97	100	-	100	100	100	100	100	100	100	100	100	100	100	-	100	100
<i>Enterobacter cloacae</i>		176	R	R	79	-	R	77*	79	97	97	99	95	94	100	98	98	52 (n=81)	89	93
<i>Escherichia coli</i>		2016	64	89	98	90	96	94	97	99	100	100	85	81	100	95	95	98 (n=1688)	83	81
<i>Klebsiella aerogenes</i>		49	R	R	82	-	R	78*	80	100	100	100	100	98	100	100	100	-	96	100
<i>Klebsiella oxytoca</i>		139	R	93	96	-	99	93	98	98	100	100	95	96	100	96	96	94 (n=64)	92	93
<i>Klebsiella pneumoniae</i>		377	R	95	97	88	97	92	93	95	100	100	90	87	100	97	96	33 (n=272)	85	91
<i>Morganella morganii</i>		60	R	R	100	-	50	88	80	97	100	100	83	83	100	90	95	R	45	81
<i>Proteus mirabilis</i>		235	78	86	100	95	98	97	99	98	100	100	83	83	100	90	91	R	R	80
<i>Pseudomonas aeruginosa</i>		263	R	R	92	-	-	R	96	96	R	97	85	82	100	-	100	-	-	R
<i>Serratia marcescens</i>		75	R	R	95	-	R	96	99	99	100	100	95	93	100	99	96	R	38	99
<i>Stenotrophomonas maltophilia</i>		66	R	R	R	-	-	R	-	-	R	R	-	94	R	R	R	-	-	100

* Third generation cephalosporins and piperacillin/tazobactam are unreliable for systemic infections with AmpC producing organisms (*E. cloacae*, *K. aerogenes*, or *C. freundii*), regardless of susceptibility data, due to the development of induced resistance on treatment.

Haemophilus influenzae beta lactamase positive (all Oregon): 18.8% (n=133)

Note: It is recommended that susceptibility data only be reported when there are at least 30 clinical isolates in the data set.

This antibiogram was created in compliance with CLSI M39-A4 Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data; Approved Guideline, 4th Edition, January 2014.

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GRAM POSITIVE ORGANISM	PERCENT SUSCEPTIBLE	# Isolates Tested	Beta lactams					Fluoro-quinolones		Amino-glycosides		Miscellaneous							
			Penicillins/Cephalosporins					Ciprofloxacin	Levofloxacin	Gentamicin Synergy	Streptomycin Synergy	Clindamycin	Daptomycin	Erythromycin	Minocycline	Nitrofurantoin - urine only	Rifampin	Tetracycline	Trimethoprim/sulfamethoxazole
Penicillin	Oxacillin	Ampicillin	Cefazolin	Ceftriaxone															
<i>Enterococcus faecalis</i>		453	-	-	100	-	-	-	86	94	-	-	-	-	99 (n=28)	-	-	-	100
<i>Enterococcus faecium</i>		48	-	-	47	-	-	-	-	-	-	-	-	-	-	-	-	-	94
<i>Staphylococcus aureus</i> , MRSA		619	-	0	-	0	-	-	-	-	83	100	-	100	100 (n=31)	99	88	98	100
<i>Staphylococcus aureus</i> , MSSA		1211	-	100	-	100	-	-	-	-	88	-	-	100	98 (n=47)	-	95	100	-
<i>Staphylococcus epidermidis</i>		122	-	36	-	36	-	-	-	-	71	-	-	100	-	-	85	54	100
<i>Staphylococcus lugdunensis</i>		101	-	94	-	94	-	-	-	-	85	-	-	100	-	-	99	98	100
<i>Streptococcus agalactiae</i> (Group B)		137	100	-	-	100	100	-	-	-	55	-	46	-	-	-	-	-	100
<i>Streptococcus anginosus</i>		127	98	-	-	-	98	-	-	-	-	-	-	-	-	-	-	-	100
<i>Streptococcus constellatus</i>		53	96	-	-	-	96	-	-	-	-	-	-	-	-	-	-	-	100
<i>Streptococcus intermedius</i>		36	100	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	100
<i>Streptococcus mitis/oralis</i>		80	81	-	-	-	98	-	100	-	77	-	-	-	-	-	60	-	100
<i>Streptococcus pneumoniae</i>		93	100*	-	-	-	100*	-	100	-	-	-	65	-	-	-	67	-	-
<i>Streptococcus pyogenes</i> (Group A)		273	100	-	-	100	100	-	-	-	50	-	50	-	-	-	-	-	100

*Non-meningitis breakpoint

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