

BMC Non-urine

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## Integris All Facilities 2024 Non-Urine Antibigram Report

Cumulative Report: January-December 2024

SUSCEPTIBILITY PERCENTAGE (%) Percentages do not include intermediate calls.																								
Organism		Number of Isolates	Amikacin	Amoxicillin/Clav	Ampicillin	Ampicillin/Sulbactam	Cefepime	Ceftazidime	Ceftriaxone	Ciprofloxacin	Clindamycin	Erythromycin	Gentamicin	Gentamicin Synergy	Levofloxacin	Linezolid	Meropenem	Oxacillin (Nafcillin)	Penicillin	Piperacillin/Tazobactam	Tetracycline (Doxycycline)	Tobramycin	Trimeth/Sulfa	Vancomycin
GRAM POSITIVE	Enterococcus faecalis**	228			100									79		100			100					98
	Enterococcus faecium**	129			15									95		100			15					43
	Staphylococcus aureus*	1,922		55							73	40						55	16		89		95	100
	Staphylococcus epidermidis	274		28							55	37						28	6		84		58	100
	Staphylococcus lugdunensis	56		55							70	70						55	18		96		100	100
	Staphylococcus hominis	43		47							58	23						47	20		67		69	98
	Streptococcus pyogenes group A	95			100				100		85	98			100				100					100
	Streptococcus agalactiae group B	135			100				100		37	36			98				100					100
	Streptococcus pneumoniae***	188							99			59			98				86				79	100
GRAM NEGATIVE	Acinetobacter baumannii complex	45	100			89	62	53	0	71			93		73		78			47		100	87	
	Citrobacter freundii complex	51					96	71	66	92			98				100			76		96	94	
	Citrobacter koseri	16					100	100	100	94			100				100			94		100	94	
	Enterobacter aerogenes	49					98	80	76	96			100				96			78		100	100	
	Enterobacter cloacae complex	241					90	75	73	90			96				98			77		94	86	
	Escherichia coli	635			41	55	93	92	81	65			87				100			94		87	66	
	Haemophilus influenzae	19		94	84					100													78	
	Klebsiella oxytoca	69				69	100	99	86	91			93				100			93		94	88	
	Klebsiella pneumoniae	321				72	93	89	82	81			93				98			90		90	82	
	Morganella morganii	49				10	92	86	86	78			96				100			96		94	71	
	Proteus mirabilis	127			81	91	96	99	95	76			90				99			100		87	74	
	Pseudomonas aeruginosa	618	99				90	90		85			93				92			86		99		
	Serratia marcescens	76					99	99	92	97			100				100					96	99	
Blank = Not Tested or Not Clinically Indicated			Yellow shaded areas represent an eighty-five percent (85%) or greater susceptible drug																					

Organisms listed qualify as statistically significant. Statistically significant if defined as organisms with more than thirty (30) isolates per the Clinical Laboratory Standards Institute (Document M39-ED5-2022).

\* 45% (861 of 1922) of Staph aureus isolates were MRSA

\*\* 57% (73 of 129) of E. faecium isolates & 2% (5 of 228) of E. faecalis isolates were Vancomycin resistant

\*\*\* Using Ceftriaxone and Penicillin non-meningitis breakpoints. Erythromycin and Trimeth/sulfa from non-blood/CSF sources only.

19% (121 of 635) of E.coli isolates & 18% (57 of 321) of K. pneumo isolates produced extended spectrum beta-lactamases (ESBL)

0.2% (1 of 635) of E. coli isolates, 2% (5 of 321) of K. pneumo isolates, & 8% (50 of 618) of P. aeruginosa isolates were identified as carbapenem-resistant