

Percentage of susceptible Organisms Isolated From All Specimen, RMSc9, 3 hospitals, Jan - Jun 2018

Organism	TOTAL ISOLATES	BETA - LACTAMS													CARBAPENEMS				QUINOLONES				AMINOGLYCOSIDES			GLYCOPEPTIDES			MISCELLANEOUS																								
		PENICILLIN	PENICILLIN BY MIC	AMPCILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPCILLIN/ SULBACTAM	PIPERACILLIN/ TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (oral)	CEFOPERAZONE/ SULBACTAM	CEFOTAXIME	CEFOTAXIME BY MIC	CEFTAZIDIME	CEFTAZIDIME BY MIC	CEFTRIAXONE	CEFTRIAXONE BY MIC	CEFTEPIME	OXAICILLIN	CEFOXITIN	BERTAPEHEM	IMPENEM	MEROPENEM	POLY MYCINS	COLISTIN BY MIC	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN BY MIC	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TECOPLANIN	FOSONMYCIN	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	NITROFRANTON	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE					
<i>Acinetobacter calcoaceticus-baumannii</i> complex	701			R	R	20 (605)	41.1 (190)					8.1 (135)	-	22.8 (701)	-	10.4 (134)	-	-	-	-	-	-	15.9 (508)	24.2 (694)	-	26.4 (843)	-	-	-	-	40.9 (675)	28.7 (701)	-	-	-	-	-	-	-	-	-	-	-	-	33.3 (897)	-	-						
<i>Acinetobacter</i> spp.	55					80.9 (47)	-	-	-	-	-	-	-	78.2 (55)	-	-	-	-	-	-	-	-	94.4 (36)	90.9 (55)	-	87 (54)	-	-	-	-	93.9 (49)	89.1 (55)	-	-	-	-	-	-	-	-	-	-	-	-	81.5 (54)	-	-						
<i>Aeromonas hydrophila</i>	31											90.3 (31)	-	90.3 (31)	-	90.3 (31)	-	-	-	-	-	-	-	-	-	-	-	-	-	100 (31)	96.8 (31)	-	-	-	-	-	-	-	-	-	-	-	-	93.5 (31)	-	-							
<i>Burkholderia pseudomallei</i>	73					-																																															
<i>Enterobacter cloacae</i>	129			R	R	R	89.7 (117)	R	R	R	R	-	76.7 (129)	-	80.6 (129)	-	80.6 (129)	-	-	R	-	94.6 (93)	95.2 (42)	-	88.5 (113)	-	-	-	-	97.7 (128)	92.2 (129)	-	100 (35)	-	-	-	-	-	-	-	-	-	-	-	-	-	83.7 (129)	80 (35)					
<i>Escherichia coli</i> (all isolates)	1,242	13.2 (1241)	65.1 (1240)	51.5 (134)	86.3 (1116)	31.7 (230)					65.6 (186)	56.8 (1163)		63.2 (1242)		57.7 (1235)			88 (301)		93.6 (870)	91 (736)	-	58.9 (752)				41.9 (148)	98.6 (1182)	69.7 (1239)		95.3 (236)													43.7 (1238)	34.3 (236)							
(Urine)	690	11.7 (690)	60.6 (690)	42.2 (64)	83 (616)		49.1 <sup>f</sup> (167)				61.8 (89)	54 (654)		60.7 (690)		54.2 (685)			85.9 (128)		92.1 (521)	87.2 (384)	-	42.2 (168)			46.6 <sup>u</sup> (676)	43.9 (164)	98.2 (669)	66.1 (688)		93.2 (103)													43.1 (683)	33 (103)							
<i>Haemophilus influenzae</i> (all isolates)	47	36.2 (47)	90.9 (44)	-	-							100 (47)	-	-	-	100 (47)	-	-	-	-	-	-	-	-	100 (46)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.1 (46)	-						
(age > 5 years old)	42	40.5 (42)	92.3 (39)	-	-							100 (42)	-	-	-	100 (42)	-	-	-	-	-	-	-	-	100 (41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39 (41)	-					
(Non-sterile sites) <sup>c</sup>	44	36.4 (44)	90.2 (41)	-	-							100 (44)	-	-	-	100 (44)	-	-	-	-	-	-	-	-	100 (43)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.5 (43)	-					
<i>Klebsiella pneumoniae</i> (all isolates)	922			R	61.9 (921)	58.2 (834)	72.1 (258)	46.9 (46)	39.1 <sup>h</sup>		57.3 (143)	62.5 (833)		65.4 (922)		64.2 (910)			84.4 (244)		87.4 (821)	77 (495)	-	69.7 (755)				63.3 <sup>h</sup> (207)	61.4 (44)	94.3 (871)	85.8 (918)		90.1 (182)													34.6 <sup>u</sup> (162)	65 (917)	66.3 (181)					
<i>Morganella morganii</i>	31			R	R	-		R	R	R		93.5 (31)	-	96.8 (31)	-	96.8 (31)	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
<i>Proteus mirabilis</i>	151	48.7 (150)	88.7 (151)	-	99.3 (136)	39.5 (38)	-	-	-	-	87.3 (142)	95.4 (151)	-	88 (150)	-	88 (150)	-	-	97.3 (37)	-	91.3 (104)	100 (41)	-	88.2 (110)			77.1 <sup>u</sup> (48)	100 (145)	80.7 (150)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57.6 (151)	R				
<i>Pseudomonas aeruginosa</i>	436			R	R	R	78.1 (434)					R	R	76.8 (435)		R	R		R		74.8 (298)	73.5 (155)	-	91.4 (359)			46.4 <sup>u</sup> (87)	82.6 (397)	82 (434)	-	83.8 (297)																		R	R	R		
<i>Salmonella</i> , Non-typhoidal	60		50 (54)								94.6 (56)	-	-	-	-	-	-	-	-	-	-	-	-	73.3 (60)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90 (60)							
<i>Stenotrophomonas maltophilia</i>	56			R	R	R	R					R	R			R	R		R	R	R	R								R	R	R	R													100 (56)							
<i>Enterococcus faecalis</i>	456	70.1 (438)	-	95.6 (456)				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			20 <sup>u</sup> (440)	-	-	25.4 <sup>f</sup> (299)	R	R	50.7 <sup>h</sup> (454)	R	99.1 (451)	-	-	-	-	R	R														
<i>Enterococcus faecium</i>	264	1.2 (247)	-	3.8 (264)				R	R	R	R	R	R	R	R	R	R								-	-	-	1.8 <sup>u</sup> (221)	R	R	68.8 <sup>h</sup> (263)	R	94.6 (257)	-	-	-	-	R	R														
<i>Staphylococcus aureus</i> (all isolates)	501	11.5 (462)	-																						93.1 (451)	-	-	-	-	-	98.2 (449)																						
(MSSA)	487	11.8 (448)	-																						100 <sup>f</sup> (487)	-	-	-	-	-	99.3 (436)																						
<i>Staphylococcus</i> , coagulase negative	173	16.5 (109)	-																						59.1 (110)	-	-	-	-	-	72.7 (110)																						
<i>Staphylococcus</i> , coagulase negative (blood)	121	19.4 (82)	-																						47.5 <sup>f</sup> (120)	-	-	-	-	-	76.2 (63)																						
<i>Streptococcus agalactiae</i>	45	100 (45)	-	-												100 (39)	-	-	-	-	-	-	-																														
<i>Streptococcus pyogenes</i>	224	100 (222)	-	100 (32)												100 (24)	-	-	-	-	-	-	-																														
<i>Streptococcus pneumoniae</i> (all isolates)	93	81.9 <sup>d</sup> (66)	-	-																																																	
(age > 5 years old)	88	82 <sup>d</sup> (81)	-	-																																																	
(Sterile sites) <sup>b</sup>	30	-	-	-																																																	
(Non-sterile sites) <sup>c</sup>	67	76.1 <sup>d</sup> (46)	-	-																																																	

<sup>a</sup>: No CLSI Interpretive Criteria. Interpret according to cefoperazone/sulbactam in *Enterobacteriaceae*

<sup>b</sup>: Blood, Pleural Fluid

<sup>c</sup>: Sputum, Ear, Sinus

<sup>d</sup>: Interpret according to oxacillin susceptibility test

<sup>e</sup>: MIC Interpretive Criteria

<sup>f</sup>: Interpret according to cefoxitin susceptibility test

<sup>h</sup>: High-Level Aminoglycoside

<sup>u</sup>: Urine, Urine Catheter, Urine Clean- Voided

<sup>wt</sup>: Wild-type