Percentage of susceptible Organisms Isolated From All Specimen, RMSc 2, 7 hospitals, Jan - Jun 2018

	Organism	TOTAL ISOLATES	BETA - LACTAMS																				CARBAPENEMS			POLY MYXINS	QUINOLONES					AMINOGLYCOSIDES				GLYCOPEPTIDES			MISCELLANEOUS							
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN/ SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFIROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM [a]	CEFOTAXIME	CEFOTAXIME BY MIC	CEFTAZIDIME	CEFTAZIDIME BY MIC	CEFTRIAXONE	CEFTRIAXONE BY MIC	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	NALIDIXIC ACID	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* complex	1625			R	R	31.7 (941)	20.8 (1195)						-	-	24.6 (1606)	-	2.5 (200)	-	28.9 (121)			R	26.9 (1350)	23.6 (1387)	- [e]		25.7 (1563)		21.2 (673)			44.5 (1569)	34.6 (1602)		- [e]				R						R	42.1 (1021)	- [u]
	(inpatient)	328			R	R	35.1 (251)	17.7 (310)						-	-	18.5 (314)	-	-	-	-			R	30 (313)	30.6 (291)	- [e]		20.7 (271)		17.2 (279)			47.8 (316)	36.4 (319)		- [e]				R						R	44.3 (70)	- [u]
	Acinetobacter spp.	115					-	72.5 (51)						-	-	71.8 (110)	-	-	-	-				59.6 (109)	63.5 (35)	- [e]		72.8 (114)		75 (40)			67.3 (113)	62.6 (115)		- [e]										65.7 (35)	- [u]
	Burkholderia pseudomallei	58				- [e]											-							- [e]																						- [e]	- [e]
	Citrobacter freundii	57			R	R	R	80 (40)	R	R	R	R	91.1 (45)	71.4 (49)	-	69.8 (53)	-	-	-	-		R	-	77.6 (49)	95.6 (45)		- [u]	81.1 (37)		-	- [u]	-	98.1 (53)	85.7 (56)		-									- [u]	-	77.4 (53)	-
	Enterobacter cloacae	285			R	R	R	83.2 (184)	R	R	R	R	80.8 (182)	61.1 (180)	-	59.5 (237)	-	65.2 (89)	-	-		R	-	89.3 (177)	92.7 (220)	- [WT]	- [u]	72.3 (231)		-	63.4 [u] (41)	84.4 (32)	97.7 (220)	76.8 (280)		-									- [u]	-	69.8 (245)	-
	Enterobacter spp.	182			7.4 (81)	8.9 (45)	48.5 (33)	73.8 (141)	7.5 (80)	- [u]	51.4 (37)	-	82.1 (140)	54 (174)	-	67.8 (171)	-	56.8 (44)	-	-		4.7 (43)	91.4 (70)	54.7 (150)	88.2 (136)		- [u]	67.1 (79)		-	63.3 [u] (30)	-	95 (179)	80.2 (182)		100 (37)									- [u]	-	69.9 (176)	-
	Escherichia coli (all isolates)	3659			14 (2895)	66.4 (1398)	70.2 (1290)	88.3 (2557)	27.5 (2519)		61.8 (338)	-	89.4 (2615)	57.8 (2657)	-	66.3 (3152)	-	63.9 (1112)	-	15 (127)		91.5 (958)	95.2 (440)	93.8 (2544)	96.5 (2701)	- [WT]		49.3 (2388)		42 (419)		51.8 (276)	97.8 (3084)	67.2 (3536)		97.6 (338)										-	39.3 (3142)	-
	(Urine)	2147			13.6 (1763)	67 (863)	68.2 (800)	86.2 (1474)		59.9 [u] (1570)	61.5 (244)	-	88 (1520)	56.9 (1563)	-	65.2 (1885)	-	62.9 (706)	-	13 (92)		90.5 (610)	95.8 (262)	94.2 (1478)	95.8 (1651)	- [WT]	- [u]	42.6 (1375)		33.3 (207)	43.1 [u] (1812)	46.9 (211)	97.2 (1825)	64.2 (2080)		97.5 (244)				96.7 [e] (391)					- [u]	-	38.5 (1880)	-
	(Urine-inpatient)	290			14.4 (180)	65.2 (135)	-	85.2 (236)		74.5 [u] (47)	-	-	82.1 (179)	51.5 (132)	-	57.9 (171)	-	53.9 (76)	-	-		83.8 (99)	94.6 (74)	92.9 (184)	94.7 (171)	- [WT]	- [u]	46.1 (102)		46.8 (79)	43.7 [u] (119)	-	96.2 (185)	63.9 (249)		-				- [u]					- [u]	-	33.3 (114)	-
	(Urine-outpatient)	102			10.9 (55)	-	-	83.5 (97)		- [u]	-	-	89.3 (84)	53.5 (71)	-	65.4 (81)	-	-	-	-		-	95.2 (42)	95.2 (84)	98.7 (78)	- [WT]	- [u]	36.6 (41)		-	35.7 [u] (70)	-	96.5 (85)	68.4 (95)		-				- [u]					- [u]	-	39.7 (68)	-
	Haemophilus influenzae (all isolates)	186			60 (185)	92.5 (106)	93.1 (58)	-			-	-		99.4 (159)	-	-	-	100 (37)	-	-			-	91.4 (58)	100 (90)			100 (66)		-		100 (58)												83.1 (65)	-	41.8 (134)	44.6 (56)
	(age > 5 years old)	132			56.5 (131)	93.3 (60)	92.7 (55)	-			-	-		99.1 (107)	-	-	-	100 (32)	-	-			-	90.9 (55)	100 (81)			100 (56)		-		100 (55)												-	45.6 (90)	-
	(Non-sterile sites) [c]	171			60.8 (171)	91.7 (96)	94.4 (54)	-			-	-		99.3 (149)	-	-	-	100 (32)	-	-			-	92.6 (54)	100 (81)			100 (61)		-		100 (54)												85.2 (61)	40.9 (127)	48.1 (52)
	Klebsiella oxytoca	42			-	-	-	-	-	- [u]	-	-	-	74.2 (31)	-	77.1 (35)	-	-	-	-		-	-	96.7 (30)	96.7 (30)		- [u]	-		-	- [u]	-	97.1 (34)	82.1 (39)		-									- [u]	-	77.4 (31)	-
	Klebsiella pneumoniae (all isolates)	1936			R	60.2 (718)	51 (730)	61 (1376)	45.2 (1384)	48.4 [u] (409)	50 (164)	-	67.6 (1381)	51.6 (1430)	-	55.9 (1675)	-	63.5 (576)	-	7.6 (79)		90.1 (466)	85.2 (209)	79.3 (1374)	80.8 (1481)	- [WT]	- [u]	59.1 (1319)		70.7 (242)	50.2 [u] (438)	80.1 (146)	89.5 (1623)	76.4 (1882)		92.1 (164)									- [u]	-	53.8 (1694)	-
	(inpatient)	277			R	58.2 (165)	47.2 (36)	67.4 (224)	35.7 (70)	- [u]	-	-	66.9 (160)	48.2 (110)	-	53.4 (163)	-	61.4 (88)	-	-		90.4 (104)	83.3 (24)	83.3 (168)	80.4 (158)	- [WT]	- [u]	61.5 (148)		74.7 (83)	- [u]	-	88.7 (168)	75.3 (235)		-									- [u]	-	52.1 (94)	-
	Morganella morganii	81			R	R	-	95.6 (45)	R	R	R	R	89.8 (49)	84.8 (46)	-	83.6 (67)	-	86.5 (37)	-	-		59.4 (32)	-	58.1 (31)	98.1 (52)	R	- [u]	73.2 (56)		-	- [u]	-	100 (64)	73.7 (76)		-								R	-	61.3 (62)	
	Proteus mirabilis	425			47.9 (361)	87.4 (159)	83.6 (177)	98.1 (270)	23.9 (322)	82.4 [u] (131)	84.8 (46)	-	97.7 (302)	89.4 (301)	-	95.4 (366)	-	93.8 (145)	-	-		97.4 (115)	97.3 (37)	82.1 (246)	97.4 (305)	R	- [u]	78.4 (310)		77.5 (40)	77.2 [u] (136)	78.8 (33)	99.2 (360)	85.2 (412)		95.7 (46)								R	-	55.8 (373)	R
	Proteus vulgaris	74			R	-	-	97.6 (42)	R	R	R	R	92.5 (53)	88.9 (54)	-	93.9 (66)	-	-	-	-		-	-	57.4 (47)	98.1 (53)	R	- [u]	86 (43)		-	- [u]	-	98.4 (62)	87.8 (74)		-								R	-	65.3 (72)	R
	Pseudomonas aeruginosa	1236			R	R	R	81.8 (880)						R	R	84.9 (1211)	-	R	R	89.1 (110)			R	79.4 (957)	81.1 (1017)	- [e]		89.7 (1170)		90.1 (483)	71.3 [u] (87)	-	93.7 (1061)	89.2 (1231)		94.5 (110)									R	R	R
	Salmonella , Non-typhoidal	254			47.1 (225)								-	89.5 (143)	-	-	-	91.2 (34)	-								- [u]	68.3 (82)	-	- [e]		- [e]												88.8 (152)	84.7 (229)	
	Serratia marcescens	35			R	R	R	-	R	R	R	R	-	-	-	-	-	-	-	-		R	-	-	-	R	- [u]	-		-	- [u]	-	-	96.7 (30)		-								R	-	-	-
	Stenotrophomonas maltophilia	218			R	R	R	R						R	R		-	R	R				R	R	R					97.5 (203)			R	R	R	R				R						- [e]	96.6 (207)	
Gram positive	*Enterococcus faecalis*	609	49.9 (437)	-	93.9 (606)				R	R	R	R	R	R	R	R	R	R	R	R								- [u]	- [u]	23.6 [u] (148)	11.2 [u] (197)		R	R	39.5 [h] (547)	R	98.7 (605)	-	-	93.8 [e] (274)	R	R	-	-	- [u]	-	R	42 [u] (48)
	Enterococcus faecium	396	6.7 (285)	-	10.6 (395)				R	R	R	R	R	R	R	R	R	R	R	R								- [u]	- [u]	3.8 [u] (79)	8 [u] (138)		R	R	72 [h] (357)	R	86.5 (385)	-	-		R	R	-	-	- [u]	-	R	18.4 [u] (38)
	Enterococcus spp.	212	40.1 (207)	-	65 (197)																							6.8 [u] (59)	- [u]	31 [u] (41)	12.6 [u] (47)				50 [h] (190)		93.3 (209)	-	-				-	-	- [u]	-		9.5 [u] (63)
	Staphylococcus aureus (all isolates)	1322	4.3 (696)	-																	88.9 [f] (1320)							88.2 (136)	-	89.9 (577)	- [u]	-		92.9 (1032)				-	- [e]		83 (1060)	-	83.1 (1061)	-	- [u]	-	96.4 (924)	40.8 (76)
	(MRSA)	149	0 (88)	-																	0 [f] (149)							-	-	33.7 (83)	- [u]	-		43.9 (114)				-	- [e]		6.5 (123)	-	8.9 (123)	-	- [u]	-	77.6 (98)	-
	(MSSA)	1176	4.9 (610)	-																	100 [f] (1176)							95.1 (123)	-	99.2 (495)	- [u]	-		98.9 (919)				-	- [e]		92.8 (941)	-	92.6 (942)	-	- [u]	-	98.4 (829)	42 (69)
	(inpatient)	229	-	-																	88.6 [f] (228)							-	-	86.4 (132)	- [u]	-		91.9 (210)				-	- [e]		86 (207)	-	86.5 (207)	-	- [u]	-	98.1 (214)	-
	Staphylococcus, coagulase negative	1340	12.8 (821)	-																	42.5 [f] (1335)							56.3 (103)	-	63.3 (758)	70.3 [u] (37)	-		71.1 (1043)				-	- [e]		50.2 (1014)	-	38.4 (1014)	-	- [u]	-	63.6 (810)	34.3 (70)
	Staphylococcus, coagulase negative (blood)	840	12.2 (549)	-																	41 [f] (835)							61 (41)	-	63 (481)		-		73.1 (632)				-	- [e]		47.9 (655)	-	36.4 (654)	-		-	60.4 (495)	-

Gram positive	*Streptococcus agalactiae*	75	98.6 (73)	-	-									100 (32)	-			-	-	-										100 (55)		-					100 (75)				82.1 (56)	-	87.5 (56)	-		-		-
	Streptococcus, β-hemolytic not Group A,B	77	93.3 (60)	-	-									-	-			96.9 (32)	-	-										100 (38)		100 (37)					100 (71)				84.4 (45)	-	75.4 (69)	-		-		-
	Streptococcus pyogenes	412	97.7 (354)	-	-									100 (123)	-			100 (193)	-	-										98.7 (235)		96.8 (186)					100 (390)				91.5 (331)	-	89.4 (406)	-		94 (67)		-
	Streptococcus pneumoniae (all isolates)	227	43.7 [d] (167)	-		- [e]					- [e]	- [e]																		99.3 (137)		-					100 (218)				51 (143)	-	52.8 (193)	-		90.3 (72)	38.7 (181)	11.1 (81)
	(age > 5 years old)	183	43.8 [d] (128)	-		- [e]					- [e]	- [e]																		99.2 (130)		-					100 (175)				52.6 (135)	-	52.3 (151)	-		89.5 (38)	40.7 (145)	10.8 (74)
	(Sterile sites) [b]	58	64.7 [d] (34)	-		- [e]					- [e]	- [e]																		-		-					100 (50)				51.6 (31)	-	61.9 (42)	-		-	42.2 (45)	-
	(Non-sterile sites) [c]	180	38.8 [d] (139)	-		- [e]					- [e]	- [e]																		99.1 (115)		-					100 (176)				49.2 (118)	-	49.7 (159)	-		89.3 (56)	38.4 (146)	11.3 (71)
	(Meningitis: by E-test)			-											-				-	- [e]																													
	(Nonmeningitis: by E-test)			-		- [e]									-				-	- [e]																													

[a] : No CLSI Interpretive Criteria. Interprete according to cefoperazone/sulbactam in *Enterobacteriacae*

[b] : Blood, Pleural Fluid

[c] : Sputum, Ear, Sinus

[d] : Interprete according to oxacillin susceptibility test

[e] : MIC Interpretive Criteria

[f] : Interprete according to cefoxitin susceptibility test

[h] : High-Level Aminoglycoside

[u] : Urine, Urine Catheter, Urine Clean- Voided

[WT] : Wild-type