Percentage of susceptible Organisms Isolated From All Specimen, RMSc 11 & 11/1, 8 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)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM [d]	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	1067			R	R	30.5 (561)	32.7 (1052)						5.6 (586)		30.6 (998)		5.9 (611)		45.8 (48)			R	36.3 (975)	37.1 (994)	[e]		32.3 (969)		38.6 (728)			58.7 (1055)	39.4 (587)		[e]				R						R	45.7 (495)	[u]
	(ICU)	69			R	R		22.1 (68)						0 (68)		20.6 (68)		0 (68)					R	28.4 (67)	28.4 (67)	[e]		29.4 (68)		31.8 (66)			41.2 (68)	-		[e]				R						R	34.8 (66)	[u]
	(inpatient)	577			R	R	20.9 (263)	29.8 (573)						4.3 (393)		27.2 (562)		4 (399)		36.8 (38)			R	34 (561)	34.6 (560)	[e]		30.8 (559)		35.9 (451)			53.5 (574)	31.9 (254)		[e]				R						R	42.4 (347)	[u]
	(outpatient)	55			R	R	48 (50)	42.6 (54)								41.9 (43)							R	40.9 (44)	40.9 (44)	[e]		34.9 (43)					74.1 (54)	47.6 (42)		[e]				R								[u]
	Acinetobacter spp.	589					76.5 (51)	65.2 (253)						21.5 (223)		56.4 (243)		21.6 (231)						64.4 (250)	66.1 (236)	[e]		63.7 (248)		78.6 (126)			78.3 (240)	64.5 (169)		[e]											66 (147)	[u]
	Aeromonas hydrophila	54						90.5 (42)			88.2 (34)							90.7 (43)								[c]				97.1 (35)			100 (41)	-														
	Burkholderia cepacia complex	45			R	R	R	R						R	R	90.9 (44)		R	R	R			R	R	88.6 (44)	R				[e]			R	R	R	R								[e]	84.1 (44)	
	Burkholderia mallei	-																						[e]																					[e]	
	Burkholderia pseudomallei	-				[e]																		[e]																					[e]	[e]
	Citrobacter freundii	47			R	R	R	87.9 (33)	R	R	R	R	87.1 (31)	73.7 (38)		78.9 (38)		77.4 (31)					R		97.1 (35)	100 (31)		[u]	68.6 (35)		71.9 (32)	[u]		100 (31)								[u]						67.6 (37)	
	Enterobacter cloacae	252			R	R	R	88.1 (243)	R	R	R	R	91.4 (209)	66 (212)		74.7 (225)		70.2 (238)					R		98.1 (216)	98.7 (223)	[wt]	[u]	85.7 (217)		91.8 (184)	[u]	84.4 (32)	98.7 (232)	86.5 (223)								[u]					77.4 (221)	87.5 (48)
	Enterobacter spp.	265				1.6 (183)		81.6 (201)		[u]			84.7 (196)	54.8 (199)		63.8 (199)		62 (200)		62.5 (40)				92.2 (192)	98.5 (198)		[u]	75.8 (198)			[u]		94 (201)	-							[u]					74.4 (203)	
	Escherichia coli (all isolates)	2756			14.7 (415)	69 (2124)	57.5 (1062)	92.6 (2237)	56.6 (175)		62.7 (888)		89.1 (1859)	58.5 (2047)		67.7 (2191)		60 (2230)		62.2 (238)		92.7 (1094)		98.9 (2070)	98.9 (2032)	[wt]		51.5 (2104)		55.6 (1416)		51.5 (557)	97.1 (2085)	73.6 (1351)													48.7 (2226)	32.1 (505)
	(Urine)	1553			14.1 (313)	67.3 (1410)	57.1 (604)	91.4 (1398)		50 [u] (218)	59.5 (487)		88.1 (1191)	55.3 (1372)		65.7 (1462)		55.3 (1283)		56.7 (141)		92.2 (754)		99.1 (1393)	98.8 (1300)	[wt]	[u]	43.1 (1420)		47.6 (907)	42.5 [u] (949)	49.8 (554)	97.3 (1283)	71 (913)					98 [u] (854)					[u]			46 (1519)	32.2 (404)
	(Urine-inpatient)	447			19.4 (134)	63.9 (382)	71.2 (118)	87.1 (395)		[u]	54.3 (35)		85.2 (345)	52.5 (413)		60.8 (416)		53.4 (352)		60.4 (96)		94.2 (120)		98.5 (413)	98 (357)	[wt]	[u]	43.9 (424)		48.5 (198)	46.5 [u] (400)	57.1 (35)	95.4 (349)	75.2 (121)					98.6 [u] (356)					[u]			45.5 (440)	33.1 (96)
	(Urine-outpatient)	185			10.6 (47)	73.7 (171)	63 (119)	94.2 (171)		[u]	65.5 (87)		89.1 (156)	56.1 (173)		64.9 (174)		56.4 (156)		51.5 (33)		95.7 (140)		99.4 (177)	99.4 (156)	[wt]	[u]	38.8 (178)		42.7 (143)	33.3 [u] (108)	46 (87)	99.4 (156)	70.7 (140)					96.5 [u] (115)					[u]			43.2 (185)	32 (50)
	Haemophilus influenzae (all isolates)	116			42.5 (106)	86.9 (99)								100 (107)		99 (97)		99.1 (109)						97.8 (45)	180 (98)			100 (40)		100 (107)													97.9 (47)	48.6 (109)	
	(age 0-5 years old)	-																																													
	(age > 5 years old)	92			42.4 (83)	86.1 (79)								100 (83)		100 (74)		100 (85)							100 (75)																				54 (87)	
	(CSF)	-																												100 (83)																
	(Sterile sites) [b]	-																																												
	(Non-sterile sites) [c]	100			40.2 (92)	87.2 (86)								100 (92)		98.8 (83)		98.9 (93)						96.9 (32)	100 (84)			100 (30)		100 (92)													97.1 (35)	47.9 (96)	
	Klebsiella aerogenes	55			R	R	R	78.9 (38)	R	R	R	R	85.3 (34)	67.6 (34)		73 (37)		69.4 (36)				R		100 (35)	100 (36)	[wt]	[u]	80 (35)		88.9 (36)	[u]		100 (37)	86.1 (36)								[u]					78.9 (38)	
	Klebsiella oxytoca	-								[e]																	[u]				[u]										[u]						
	Klebsiella pneumoniae (all isolates)	2389			R	59.6 (1805)	49.3 (876)	71.2 (1942)	58.3 (230)	[u]	50.7 (804)		70.6 (1699)	55.3 (1788)		60.2 (1845)		58.1 (1890)		66.3 (187)		84.6 (953)		95.7 (1775)	95.1 (1804)	[wt]	[u]	61.8 (1788)		73.3 (1018)	53 [u] (317)	61.9 (210)	96.1 (1789)	76.5 (1083)										[u]	76 (100)		57.9 (1854)	57.6 (311)
	(ICU)	76			R	36.2 (47)		45.8 (48)		[u]			45.5 (44)	41.7 (48)		41.7 (48)		41.7 (48)						97.9 (48)	95.9 (49)	[wt]	[u]	44.9 (49)														[u]			42 (50)	
	(inpatient)	1096			R	59 (813)	47.9 (332)	66.2 (862)		[u]	41.8 (275)		68.4 (801)	53.2 (842)		57.7 (842)		55.7 (842)		64.3 (140)		80.7 (295)		94.8 (840)	94.5 (835)	[wt]	[u]	60 (842)		70.7 (369)	57.1 [u] (163)		95.7 (817)	73.6 (299)										[u]	73.8 (42)		58.1 (842)	46.5 (43)
	(outpatient)	152			R	59.8 (107)	55.8 (113)	71 (138)		[u]	57.1 (98)		73.8 (103)	65.7 (108)		65.7 (108)		64.9 (134)				78.4 (88)		96.3 (107)	95.1 (103)	[wt]	[u]	60.2 (108)		76.9 (121)	[u]		93.5 (108)	73.9 (88)										[u]			57.8 (109)	
	Morganella morganii	100			R	R	55.8 (52)	97.5 (81)	R	R	R	R	94.6 (74)	82.9 (76)		90.8 (76)		87.2 (78)				45.7 (46)		58.9 (73)	98.6 (74)	R	[u]	83.6 (73)		89.1 (55)	[u]		100 (80)	88.2 (51)										R			70.5 (78)	
	Neiseria meningitidis	-			[e]																									[e]																
	Proteus mirabilis	352			57.9 (38)	85.9 (256)	91.2 (136)	99.3 (276)	76.5 (34)	[u]	86.7 (120)		99.1 (223)	86.1 (252)		93.7 (268)		90.6 (266)				93.2 (147)		85.8 (253)	99.2 (245)	R	[u]	82.4 (261)		86.8 (182)	78.9 [u] (71)	81.4 (43)	100 (265)	89.7 (175)										R		63 (270)	R
	Proteus vulgaris	48			R	51.2 (43)		97.5 (40)	R	R	R	R	92.1 (38)	92.9 (42)		95.5 (44)		92.7 (41)						82.9 (41)	97.6 (41)	R	[u]	90.2 (41)					97.6 (41)	93.3 (30)										R			81.8 (44)	R
	Providencia rettgeri	-			R	R			R	R														R			[u]				[u]												R				R
	Providencia stuartii	-			R	R			R	R														R			[u]				[u]												R				R
	Providencia spp.	-								[u]																	[u]				[u]										[u]						

Gram negative	*Pseudomonas aeruginosa*	1444			R	R	R	82.3 (1141)						R	R	84.2 (1097)		R	R	76.7 (60)			R	83.7 (1085)	86.2 (1084)	[e]		89.3 (1086)		87.5 (720)	69.9[u] (103)	71.6 (74)	93.9 (1160)	86.8 (783)												R	R	R
	Salmonella , Typhoid	-																									[u]			[e]		[e]																
	Salmonella , Non-typhoidal	137			51.9 (81)									92.3 (52)				92.9 (84)									[u]	81.6 (76)		[e]		[e]													85.5 (62)	87.8 (115)	
	Serratia marcescens	89			R	R	R	96.4 (56)	R	R	R	R	97.9 (48)	90 (50)		98.1 (52)		88.7 (53)				R		98 (50)	100 (51)	R	[u]	100 (51)		100 (46)	[u]		98.1 (54)	97.7 (44)											R		94.1 (51)	
	Shigella spp.	-																													[u]																	
	Stenotrophomonas maltophilia	210			R	R	R	R						R	R			R	R				R	R	R					95.5 (156)			R	R	R	R				R						[e]	98 (202)	
	Vibrio cholerae (all serotypes)	-																																														
	Vibrio cholerae O1	-																																														
	Vibrio cholerae non O1, non O139	-																																														
	Vibrio parahaemolyticus	-							[e]	[e]																																						
	Vibrio spp.	-							[e]	[e]																																						
Gram positive	*Enterococcus faecalis*	481	73.6 (406)		94.2 (447)				R	R	R	R	R	R	R	R	R	R	R	R								31.2[u] (144)	[u]	37.5[u] (144)	24.7[u] (231)		R	R	62.1[h] (449)	R	99.6 (469)			93.7[u] (237)	R	R	15.1 (93)		100[u] (67)	77.4 (84)	R	5.7[u] (87)
	Enterococcus faecium	154	9.2 (109)		10.6 (142)				R	R	R	R	R	R	R	R	R	R	R	R								4.2[u] (72)	[u]	7.1[u] (84)	65[u] (77)		R	R	73.1[h] (145)	R	87.2 (149)				R	R	5 (40)		12.2[u] (49)	100 (38)	R	1.8[u] (55)
	Enterococcus spp.	156	23.4 (145)		34.1 (135)																							24.2[u] (33)	[u]		7.9[u] (63)				74[h] (146)		98 (148)								[u]			[u]
	Staphylococcus aureus (all isolates)	1322	6.1 (577)																		92.4[f] (1256)							93.8 (227)		98.3 (119)	[u]			92.5 (1086)					[e]		88.9 (1200)		86.7 (1200)		[u]	95.3 (467)	98 (1229)	64 (528)
	(MRSA)	102	0 (65)																		0[f] (102)										[u]			26.6 (94)					[e]		12.8 (94)		12.8 (94)		[u]	85.5 (55)	81 (100)	17.2 (64)
	(MSSA)	1180	6.8 (517)																		100[f] (1180)							99.1 (212)		100 (117)	[u]			98.5 (1007)					[e]		94.9 (1122)		92.5 (1122)		[u]	96.6 (417)	99.6 (1145)	70.4 (469)
	(ICU)	-																			[f]										[u]								[e]						[u]			
	(inpatient)	494	8.3 (216)																		89.4[f] (482)							98.2 (56)			[u]			89 (418)					[e]		83.2 (459)		80.8 (459)		[u]	93.7 (205)	97.5 (474)	59.1 (208)
	(outpatient)	112	3.7 (54)																		94.8[f] (96)										[u]			98.4 (64)					[e]		94 (83)		90.1 (81)		[u]	98.1 (53)	98.8 (85)	78.2 (55)
	Staphylococcus, coagulase negative	1666	12 (878)																		44.9[f] (1554)							75.1 (390)			[u]			66.9 (1318)					[e]		52 (1438)		39.7 (1435)		[u]	91.9 (675)	70.9 (1517)	57.3 (869)
	Staphylococcus, coagulase negative (blood)	1155	11.8 (635)																		461[f] (1062)							75.9 (270)						68.4 (911)					[e]		53 (1020)		40.3 (1020)			92.8 (473)	71.5 (1026)	60.7 (624)
	Streptococcus agalactiae	55	97.7 (43)											97.4 (39)				100 (39)																		100 (39)				77.1 (35)		87.2 (39)					
	Streptococcus, β-hemolytic not Group A,B	82	90.6 (64)		90.6 (53)									100 (58)				100 (67)												100 (44)						100 (65)				89.6 (67)		92.2 (64)			96.7 (30)		
	Streptococcus pyogenes	220	100 (182)		100 (156)									100 (153)				100 (181)												97.8 (138)						100 (185)				93.5 (200)		94.4 (198)			97.6 (84)		
	Streptococcus pneumoniae (all isolates)	182	74.7[d] (87)			[e]					[e]	[e]																		100 (49)						100 (113)				71.7 (113)		71.1 (114)				52.4 (84)	
	(age 0-5 years old)	-	[d]			[e]					[e]	[e]																		-																	
	(age > 5 years old)	155	81.6[d] (76)			[e]					[e]	[e]																		100 (42)						100 (96)				73.2 (97)		73.2 (97)				58.3 (72)	
	(Sterile sites)[b]	65	77.8[d] (36)			[e]					[e]	[e]																								100 (37)				86.5 (37)		81.6 (38)				51.6 (31)	
	(Non-sterile sites)[c]	121	71.7[d] (53)			[e]					[e]	[e]																								100 (78)				65.4 (78)		65.4 (78)				51.9 (54)	
	(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