Percentage of susceptible Organisms Isolated From All Specimen, RMSc 11&11/1, 7 hospitals, Jan - Dec 2017

	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 [a]	CEFOTAXIME	CEFOTAXIME BY MIC	CEFTAZIDIME	CEFTAZIDIME BY MIC	CEFTRIAXONE	CEFTRIAXONE BY MIC	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN	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	2519					33.1 (1264)	31.3 (2356)						1.5 (2105)	-	32.2 (2243)	-	2.3 (2210)	-	39.3 (61)				33.3 (1934)	35.2 (2199)	0 (291)	100 (154)		32.4 (2186)	-	34.3 (2202)			50.6 (2359)	39.3 (1492)		- [e]										41.7 (2111)	- [u]
	Acinetobacter spp.	1069					84.2 (95)	64.3 (496)						17.6 (466)	-	59.3 (486)	-	21.1 (489)	-	-				62.2 (471)	65.7 (446)	0 (35)	-		63.5 (490)	-	85.3 (307)			79.4 (499)	62.5 (301)		- [e]										66.5 (373)	31.7 [u] (41)
	Aeromonas hydrophila	100						92.4 (79)			-			90.6 (64)	-	93.8 (64)	-	92.4 (79)	-	-		33.3 (57)	-	63.9 (61)	92.1 (63)	-			95.1 (61)	-	95.2 (63)			100 (78)	96.8 (62)										-	90.6 (64)	-
	Burkholderia cepacia complex	87														81.2 (80)	-								74.7 (79)	-					- [e]														- [e]	74.4 (82)	
	Burkholderia pseudomallei	79				- [e]											-																														82.5 [e] (40)	- [e]
	Citrobacter freundii	93						90.9 (66)					89.8 (59)	72.2 (72)	-	76.1 (71)	-	77.3 (66)	-	-			-	90.8 (65)	96.8 (62)	-		- [u]	79.7 (69)	-	82.5 (57)	61.5 [u] (26)	-	98.4 (62)	90.2 (51)		-								- [u]	-	77.3 (75)	-
	Enterobacter aerogenes	88						81.5 (65)					88.1 (59)	82 (61)	-	85.2 (61)	-	83.1 (65)	-	-			-	98.2 (57)	87.9 (59)	-	-	- [u]	87.9 (58)	-	96.7 (61)	80 [u] (10)	-	98.3 (59)	93.2 (59)		-								- [u]	-	80.3 (61)	-
	Enterobacter cloacae	565						88.5 (451)					90.9 (407)	68.2 (428)	-	72 (429)	-	70.1 (451)	-	-			-	98.1 (411)	99.3 (410)	100 (31)	-	- [u]	84.4 (405)	-	92.4 (381)	66.7 [u] (69)	82.5 (63)	99.1 (436)	85.1 (415)		-								- [u]	-	76.5 (438)	70.4 (71)
	Enterobacter spp.	556			1.6 (129)	8.8 (431)	-	80 (500)	-	- [u]	-	-	80.9 (350)	53.4 (504)	-	66.9 (505)	-	61.2 (503)	-	-		14.8 (81)	90.3 (62)	86.2 (383)	94.2 (480)	96.9 (32)		- [u]	75.7 (490)	-	81.6 (141)	70 [u] (40)	-	93.6 (502)	83.1 (183)		91.1 (124)								- [u]	68.3 (104)	71.5 (501)	-
	Escherichia coli (all isolates)	5137			10.2 (551)	62.8 (3411)	50.4 (1902)	90.7 (4041)	-		-	-	87.6 (3238)	55.8 (3958)	-	64.7 (3989)	-	58.3 (4071)	-	62.5 (280)		91.4 (1996)	95 (221)	99 (3401)	98.7 (3539)	97.2 (325)	-		46.1 (3772)		52.1 (2484)		47.1 (1003)	97.6 (3759)	72.1 (2427)		96 (278)									75.7 (169)	44.6 (4105)	27.8 (836)
	(Urine)	2668			14.1 (170)	64.8 (1780)	46.9 (989)	88.4 (2019)		- [u]	-	-	84.4 (1962)	53.7 (2356)	-	63.1 (2377)	-	54.3 (2045)	-	59.4 (170)		91.6 (1226)	-	99.4 (2096)	98.9 (1986)	97.6 (164)	-	- [u]	39.1 (2294)		43.3 (1342)	48.2 [u] (454)	43.9 (957)	97.2 (2031)	70 (1338)		-				95.6 [u] (472)					- [u]	-	44.4 (2516)	27.2 (695)
	(Urine-inpatient)	840			15.9 (126)	62 (413)	57.8 (199)	84.8 (585)		- [u]	-	-	79.8 (555)	50.7 (734)	-	59 (739)	-	51.6 (591)	-	57.4 (122)		87.7 (227)	-	98.9 (622)	97.7 (575)	97.5 (122)	-	- [u]	39 (774)	-	40.7 (339)	41.5 [u] (783)	48.6 (74)	96.6 (586)	72.9 (199)		-				98 [u] (500)					95.8 [u] (216)	-	42.5 (793)	23 (209)
	(Urine-outpatient)	299			8.9 (45)	66.8 (241)	49.5 (210)	91.8 (256)		- [u]	-	-	88 (250)	57.6 (269)	-	67 (282)	-	58.7 (259)	-	58.1 (43)		94 (215)	-	98.9 (276)	98.8 (255)	100 (43)	-	- [u]	38.1 (286)	-	46.4 (222)	40.3 [u] (283)	48.4 (161)	98.8 (257)	73.8 (214)		-				97.4 [u] (229)					97.1 [u] (35)	-	43.9 (289)	30 (40)
	Haemophilus influenzae (all isolates)	135			47.2 (127)	91.7 (132)	95.7 (47)	100 (46)			-	-		98.4 (122)	-	97.5 (120)	-	100 (131)	-	-			-	98.3 (60)	96.6 (117)	-			-	-	99.2 (120)		-												74.2 (62)	37.1 (132)	-
	(age 0-5 years old)	-			-	-	-	-			-	-		-	-	-	-	-	-	-			-	-	-	-			-	-	-		-													-	-	-
	(age > 5 years old)	105			46.5 (99)	95.2 (104)	94.7 (38)	100 (37)			-	-		99 (96)	-	97.9 (96)	-	100 (103)	-	-			-	100 (42)	98.9 (92)	-			-	-	100 (93)		-												66.7 (42)	35.9 (103)	-
	(Sterile sites) [b]	-			-	-	-	-			-	-		-	-	-	-	-	-	-			-	-	-	-			-	-	-		-													-	-	-
	(Non-sterile sites) [c]	123			47.8 (115)	91.6 (119)	95.2 (42)	100 (41)			-	-		98.2 (110)	-	97.2 (108)	-	100 (119)	-	-			-	98.1 (54)	96.2 (105)	-			-	-	99.1 (108)		-												75 (56)	36.7 (120)	-
	Klebsiella oxytoca	73			-	81.8 (55)	-	84.1 (63)	-	- [u]	-	-	87.3 (55)	85 (60)	-	85.2 (61)	-	85.7 (63)	-	-		-	-	98 (51)	100 (59)	-		- [u]	82.8 (58)	-	90.6 (32)	71.4 [u] (14)	-	98.3 (60)	-		-								- [u]	-	84.1 (63)	-
	Klebsiella pneumoniae (all isolates)	4624				57.5 (3544)	51.9 (1883)	68 (3860)	-	- [u]	-	-	71.2 (3114)	54 (3738)	-	57.4 (3762)	-	55.7 (3872)	-	70.1 (184)		88.9 (2033)	91.7 (337)	95.6 (3264)	95.5 (3535)	97.3 (221)	- [WT]	- [u]	60.7 (3623)	-	73.9 (2372)	51.7 [u] (751)	65.2 (356)	96.5 (3655)	75.5 (2488)		91.3 (401)								71.7 [u] (187)	60.3 (343)	56.1 (3786)	52.9 (446)
	(ICU)	117				33.3 (72)	-	38.7 (75)	-	- [u]	-	-	41.1 (73)	35.8 (81)	-	35.8 (81)	-	35.1 (77)	-	-		-	-	90.7 (54)	88.3 (77)	-	- [WT]	- [u]	51.9 (81)	-	-	73.3 [u] (15)	-	88.3 (77)	-		-								- [u]	-	37.8 (82)	-
	(inpatient)	1829				56.8 (1343)	47.3 (704)	64.7 (1488)	-	- [u]	-	-	67.4 (1343)	52.8 (1464)	-	55.7 (1476)	-	53.4 (1499)	-	69.7 (152)		88.2 (736)	-	95.2 (1210)	95.2 (1384)	96.2 (133)	- [WT]	- [u]	58.9 (1481)	-	74.2 (740)	51.9 [u] (312)	53.1 (32)	96.3 (1421)	76.1 (632)		-								71.9 [u] (89)	-	55.7 (1487)	42.7 (89)
	(outpatient)	256				65.3 (173)	62.7 (193)	74.2 (221)	-	- [u]	-	-	78.2 (170)	63.1 (179)	-	63.7 (182)	-	64.9 (222)	-	-		89 (155)	-	93.3 (178)	93.2 (177)	-	- [WT]	- [u]	67.2 (183)	-	78.2 (193)	42.6 [u] (61)	-	93.9 (179)	83.2 (149)		-								- [u]	-	63.4 (186)	-
	Morganella morganii	212					48.9 (92)	96.2 (159)					94.3 (140)	87.4 (159)	-	93.1 (160)	-	91.1 (158)	-	-		66.7 (90)	-	63.2 (136)	98.6 (146)	-		- [u]	90.9 (154)	-	95.3 (107)	82.8 [u] (54)	-	98.1 (158)	86.5 (104)		-									-	75.7 (169)	
	Proteus mirabilis	674			30.8 (120)	80 (474)	87.8 (222)	98.2 (494)	-	- [u]	-	-	98.2 (381)	91 (523)	-	96.2 (524)	-	92.9 (494)	-	87.2 (39)		93.9 (247)	-	87.9 (455)	99.1 (457)	37 (46)		- [u]	84.8 (508)	-	88.7 (354)	83.2 [u] (191)	88 (75)	99.4 (494)	87.9 (346)		89.9 (79)									52.6 (57)	63.4 (533)	
	Proteus vulgaris	107				64.3 (84)	73.7 (38)	96.9 (96)					94.4 (90)	91.8 (98)	-	93.9 (99)	-	91.8 (97)	-	-		89.5 (57)	-	80.2 (86)	96.9 (98)	-		- [u]	86.2 (94)	-	88.4 (43)	83.3 [u] (24)	-	99 (97)	93.8 (65)		-									-	81 (100)	
	Providencia rettgeri	56					-	98.1 (53)			-	-	97.7 (44)	87.8 (49)	-	92 (50)	-	92.5 (53)	-	-		-	-	79.5 (39)	100 (50)	-		- [u]	91.8 (49)	-	93.5 (31)	94.1 [u] (17)	-	100 (53)	93.3 (30)		-									-	82 (50)	
	Providencia stuartii	-					- -	- -			-	-	-	-	-	-	-	-	-	-		-	-	91.7 (24)	-	-		- [u]	76.9 (26)	-	-	83.3 [u] (6)	-	-												-	-	
	Providencia spp.	-			-	-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		- [u]	-	-	-	80 [u] (5)	-	-	-		-								- [u]	-	-	-
	Pseudomonas aeruginosa	2908						82.9 (2322)								84.2 (2219)	-			83.9 (93)				82.9 (2001)	84.8 (2140)	94.9 (156)	- [e]		85.5 (2174)	-	83.1 (1950)	69.7 [u] (165)	71.7 (152)	90.7 (2326)	82.1 (1619)		82.4 (239)											
	Salmonella, Non-typhoidal	91			57 (79)								-	-	-	-	-	-	-									-	59.4 (69)	-	- [e]		- [e]												89.2 (74)	81.2 (85)	
	Serratia marcescens	127						93.6 (94)					93.6 (78)	86.2 (87)	-	94.3 (87)	-	92.6 (95)	-	-			-	100 (83)	100 (85)	-		- [u]	- [u]	-	97.1 (69)	100 [u] (12)	-	98.9 (90)	98.6 (69)		-									-	90 (90)	-
	Shigella spp.	-			-																							-	-	-	-	- [u]	-														-	
	Stenotrophomonas maltophilia	389															-								97.2 (290)																					- [e]	94.9 (352)	
	Vibrio cholerae (all serotypes)	-			-																																									-	-	-
	Vibrio cholerae non O1, non O139	-			-																																									-	-	-
	Vibrio parahaemolyticus	37			0 (34)	-	-	-	- [e]	- [e]	-			-	-	-	-			-		-		-	-	-		-	-	-	-	-	-													5.8 (37)	0 (32)
	Vibrio spp.	54			0 (39)	-	-	-	- [e]	- [e]	-			-	-	-	-			-		-		-	-	-		-	-	-	-	-	-													100 (47)	97.4 (38)

Gram positive	*Enterococcus faecalis*	747	72.9 (623)	-	94.5 (723)																									18.9 [u] (185)	- [u]	34.9 [u] (307)	25.9 [u] (378)				- [h]		98.9 (698)	-	-	91.2 [u] (377)			11.9 (118)	-	99.1 [u] (110)	83.5 (103)		8.5 [u] (130)
	Enterococcus faecium	326	21.2 (222)	-	17.4 (298)																									2.2 [u] (91)	- [u]	16.6 [u] (235)	8.9 [u] (180)				- [h]		94.4 (286)	-	-				4.9 (61)	-	37.9 [u] (87)	96.6 (58)		4.1 [u] (98)
	Enterococcus spp.	525	44.4 (441)	-	53.1 (439)																									20.3 [u] (133)	- [u]	24.8 [u] (101)	15.5 [u] (155)				- [h]		99.2 (486)	-	-				17 (224)	-	71.4 [u] (56	64.5 (186)		10.2 [u] (108)
	Staphylococcus aureus (all isolates)	2523	6.8 (1185)	-																				93.8 [f] (2036)						89.6 (699)	-	88.6 (430)	92.3 [u] (39)	-	-	91.3 (1903)		-		-	- [e]		87.2 (2188)	-	86.3 (1799)	-	- [u]	93.9 (1003)	96.7 (2240)	59.2 (804)
	(MRSA)	138	0 (87)	-																				0 [f] (138)						-	-	-	- [u]	-	-	21.5 (121)		-		0 (66)	- [e]		10 (130)	-	10.4 (115)	-	- [u]	66.7 (84)	81.2 (133)	12.3 (81)
	(MSSA)	1946	7.5 (880)	-																				100 [f] (1946)						98.5 (463)	-	100 (195)	97.3 [u] (37)	-	-	97.5 (1585)		-		-	- [e]		94.6 (1858)	-	95.9 (1472)	-	- [u]	97.3 (741)	99.1 (1902)	64.1 (733)
	(ICU)	63	10 (30)	-																				73.3 [f] (60)						- -	-	-	- [u]	-	-	80 (60)		-		-	- [e]		73.3 (60)	-	73.3 (60)	-	- [u]	90 (30)	94.9 (59)	36.7 (30)
	(inpatient)	856	8.7 (345)	-																				92.4 [f] (803)						97.4 (117)	-	-	96 [u] (25)	-	-	90.9 (682)		-		-	- [e]		87.9 (776)	-	88.8 (689)	-	- [u]	93.6 (346)	97.6 (796)	58 (352)
	(outpatient)	154	6.2 (65)	-																				93.6 [f] (109)						-	-	-	- [u]	-	-	91.4 (81)		-		-	- [e]		89.9 (99)	-	92.9 (85)	-	- [u]	97 (66)	95.1 (103)	65.2 (66)
	Staphylococcus, coagulase negative	2496	12.9 (1738)	-																				47.3 [f] (3010)						70.1 (759)	-	67.5 (166)	41 [u] (117)	-	-	70.3 (2729)		-		-	- [e]		54.2 2958	-	40.1 2960	-	- [u]	90.4 1464	70.7 3098	56.9 1626
	Staphylococcus, coagulase negative (blood)	2332	13 (1132)	-																				48.9 [f] (2033)						74.7 (399)	-	-		-	-	72.4 (1821)		-		-	- [e]		53.4 (2005)	-	40.8 (2009)	-		91.7 (926)	70.9 (2008)	59 (1138)
	Streptococcus agalactiae	155	100 (123)	-	96.4 (56)									99.2 (126)	-			99.2 (126)	-	-												98.6 (70)		95.5 (67)					99.2 (119)				84 (106)	-	93.2 (59)	-		-		-
	Streptococcus, β-hemolytic not Group A,B	137	98.3 (116)	-	93.5 (62)									97.1 (103)	-			97.3 (113)	-	-												94.6 (56)		-					99.2 (119)				90 (120)	-	92.1 (114)	-		97.4 (39)		-
	Streptococcus pyogenes	361	97.8 (312)	-	95 (238)									97.8 (278)	-			96.5 (283)	-	-												99 (209)		100 (50)					100 (308)				88.4 (319)	-	90.4 (282)	-		93.6 (157)		-
	Streptococcus pneumoniae (all isolates)	365	0 [d] (150)	-		- [e]					- [e]	- [e]																				100 (158)		100 (95)					100 (273)				71.1 (266)	-	63 (192)	-		90.1 (71)	45 (222)	-
	(age 0-5 years old)	63	- [d]	-		- [e]					- [e]	- [e]																				-		-					100 (43)				61 (41)	-	-	-		-	31.2 (32)	-
	(age > 5 years old)	272	0 [d] (101)	-		- [e]					- [e]	- [e]																				100 (100)		100 (77)					100 (200)				71.3 (195)	-	67.4 (138)	-		88.2 (34)	49.7 (161)	-
	(Sterile sites) [b]	117	0 [d] (32)	-		- [e]					- [e]	- [e]																				100 (32)		-					100 (78)				74 (77)	-	72.1 (61)	-		-	52.5 (59)	-
	(Non-sterile sites) [c]	261	0 [d] (122)	-		- [e]					- [e]	- [e]																				100 (133)		100 (74)					100 (206)				71 (200)	-	60.4 (139)	-		89.1 (55)	44.2 (172)	-
	(Meningitis: by E-test)	-		- [e]											- [e]				- [e]	- [e]																															
	(Nonmeningitis: by E-test)	-		- [e]		- [e]									- [e]				- [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