Percentage of susceptible Organisms Isolated From All Specimen, RMSC 3, 5 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 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	1,952					-	26.5 (1550)						8.3 (288)	-	27.5 (1542)	-	8.4 (322)	-	23.1 (360)				34.6 (1176)	35.6 (1504)	- [e]		26.2 (1564)	-	28.5 (529)			52 (1665)	36.6 (1490)		- [e]									50.7 (767)	- [u]
	Acinetobacter spp.	564					-	28.8 (538)						-	-	29.5 (552)	-	9.7 (518)	-	29.9 (509)				39.6 (533)	37.8 (532)	- [e]		35.9 (55)1	-	33.8 (506)			90.4 (94)	76.6 (47)		- [e]									63.4 (41)	- [u]
	Aeromonas hydrophila	102						93.4 (61)			-			93.8 (48)	-	94 (67)	-	92.3 (65)	-	-		-	-	62.2 (45)	87 (69)			97.4 (78)	-	100 (58)			100 (67)	100 (60)									-	90 (80)	-
	Burkholderia cepacia complex	42														79.4 (34)	-								66.7 (33)					- [e]												- [e]	-	
	Burkholderia mallei	-															-																												- [e]	
	Burkholderia pseudomallei	170				- [e]											-																											- [e]	- [e]
	Citrobacter freundii	63						88.9 (45)					84.2 (38)	80.6 (31)	-	76.8 (56)	-	76.8 (56)	-	-			-	90.7 (43)	94.2 (52)		- [u]	84 (50)	-	83.8 (37)	- [u]	-	98.2 (55)	84.8 (46)		-							- [u]	-	78 (50)	-
	Enterobacter aerogenes	100						82.9 (76)					92.7 (55)	-	-	75.3 (93)	-	68.5 (92)	-	85.7 (35)			-	87.7 (57)	97.8 (92)	- [WT]	- [u]	81.1 (90)	-	85.7 (49)	- [u]	-	98.9 (93)	87.2 (47)		-							- [u]	-	78.6 (70)	-
	Enterobacter cloacae	401						84.4 (289)					87.3 (283)	71.9 (221)	-	74.9 (355)	-	70.9 (330)	-	67.2 (61)			-	94.5 (256)	93.7 (348)	- [WT]	- [u]	80.3 (319)	-	85.8 (253)	- [u]	86.2 (203)	96.9 (352)	84.4 (308)		-							- [u]	-	76 (338)	-
	Enterobacter spp.	191			6.1 (49)	6 (183)	-	74.9 (175)	17.9 (39)	- [u]	31.2 (32)	-	85.1 (47)	56.1 (41)	-	69.7 (185)	-	65.8 (184)	-	79.6 (137)		-	-	95.9 (172)	97.4 (151)		- [u]	83.1 (183)	-	84.9 (139)	- [u]	-	95.7 (185)	81.1 (53)		-							- [u]	-	73.2 (56)	-
	Escherichia coli (all isolates)	4,524			11 (1858)	69.2 (4209)	-	93 (3625)	43.6 (1210)		54.2 (454)	-	92.8 (2787)	57 (2015)	-	66.2 (4210)	-	55.8 (4178)	-	55.7 (1299)	86.8 (1422)		-	98.8 (3127)	98.3 (3758)	- [WT]		49.2 (3997)	-	51 (2567)		52.3 (1495)	98.9 (4161)	64.1 (2758)		94.4 (589)								-	40.5 (3275)	(52)
	(Urine)	2,437			10.7 (956)	65.5 (2291)	-	91.1 (1920)		48.3 [u] (1338)	43.4 (228)	-	90.3 (1477)	52.1 (1140)	-	61.7 (2288)	-	50.2 (2275)	-	49.9 (702)	85.2 (742)		-	98.4 (1758)	97.9 (2068)	- [WT]	- [u]	38 (2169)	-	40.6 (1448)	35.4 [u] (754)	42.8 (876)	98.4 (2281)	60.2 (1565)		91.9 (285)				100 [u] (197)				- [u]	-	37.4 (1796)	-
	(Urine-inpatient)	-			-	-	-	-		- [u]	-	-	-	-	-	-	-	-	-	-	-		-	-	-	- [WT]	- [u]	-	-	- [u]	-	- [u]	-	-	-							- [u]	-	-	-
	(Urine-outpatient)	41			-	61 (41)	-	89.7 (39)		- [u]	-	-	-	-	-	58.5 (41)	-	58.5 (41)	-	61 (41)		-	-	100 (41)	100 (40)	- [WT]	- [u]	39 (41)	-	40 (40)	- [u]	-	100 (41)	-		-				- [u]				- [u]	-	-	-
	Haemophilus influenzae (all isolates)	117			-	93.5 (93)	-	-			97.6 (84)	-		-	-	-	-	98.2 (113)	-	-			-	-	-			-	-	100 (91)		-											-	-	-
	(age 0-5 years old)	-			-	-	-	-			-	-		-	-	-	-	- -	-	-			-	-	-			-	-	-		-											-	-	-
	(age > 5 years old)	107			-	94 (84)	-	-			97.3 (75)	-		-	-	-	-	98.1 (103)	-	-			-	-	-			-	-	100 (82)		-											-	-	-
	(Sterile sites) [b]	-			-	-	-	-			-	-		-	-	-	-	- -	-	-			-	-	-			-	-	- -		-											-	-	-
	(Non-sterile sites) [c]	111			-	92.2 (90)	-	-			97.6 (83)	-		-	-	-	-	99.1 (107)	-	-			-	-	-			-	-	100 (89)		-											-	-	-
	Klebsiella oxytoca	30			-	-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-		-	-	-	-		- [u]	-	-	-	- [u]	-		-							- [u]	-	-	-
	Klebsiella pneumoniae (all isolates)	2,555				66 (2397)	-	79.7 (1932)	58.2 (889)	48.9 [u] (274)	65.4 (156)	-	83.5 (1333)	65.7 (828)	-	64.5 (2396)	-	62.3 (2373)	-	60.8 (944)	86.5 (1023)		-	95.3 (1709)	94.5 (2236)	- [WT]	- [u]	67.4 (2238)	-	76.1 (1388)	40.8 [u] (184)	80.1 (617)	96.2 (2356)	80.2 (1379)		90 (390)							- [u]	-	60.1 (1719)	54.5 (33)
	(ICU)	-				-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-			-	-	-	- [WT]	- [u]	-	-	-	-	- [u]	-	-		-							- [u]	-	-	-
	(inpatient)	-				-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-			-	-	-	- [WT]	- [u]	-	-	-	-	- [u]	-	-		-							- [u]	-	-	-
	(outpatient)	-				-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-			-	-	-	- [WT]	- [u]	-	-	-	-	- [u]	-	-		-							- [u]	-	-	-
	Morganella morganii	154	[e]	[e]	[e]		-	97.4 (115)					97.6 (85)	93.9 (66)	-	86.5 (133)	-	89.7 (117)	-	85.2 (54)			-	55.8 (104)	99.2 (132)		- [u]	86.4 (125)	-	91.1 (112) [e]	- [u] -	93.4 (61)	98.5 (131)	84 (100)		-								-	65.3 (95)	
	Proteus mirabilis	506			41 (183)	85.8 (438)	-	98.3 (406)	63.5 (167)	66.7 [u] (87)	87.6 (33)	-	99.1 (320)	88.8 (214)	-	92.2 (460)	-	86.2 (442)	-	82.8 (145)	94.8 (153)		-	72.9 (328)	99.1 (432)		- [u]	75.3 (442)	-	81 (300)	65.2 [u] (46)	81.3 (171)	99.6 (462)	78.8 (288)		90 (80)								-	55.9 (372)	
	Proteus vulgaris	65				51.6 (62)	-	100 (56)					96.2 (53)	90.2 (41)	-	95.2 (63)	-	87.3 (63)	-	-			-	93.2 (44)	97.4 (38)		- [u]	83.3 (60)	-	-	- [u]	-	98.4 (64)	89.3 (56)		-								-	71.7 (60)	
	Providencia rettgeri	-					-	-			-	-	-	-	-	-	-	-	-	-			-	-	-		- [u]	-	-	-	- [u]	-	-	-		-								-	-	
	Providencia stuartii	-					-	-			-	-	-	-	-	-	-	-	-	-			-	-	-		- [u]	-	-	-	- [u]	-		-									-	-	
	Providencia spp.	-			-	-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-			-	-	-		- [u]	-	-	-	- [u]	- -	- -		-							- [u]	-	-	-
	Pseudomonas aeruginosa	2,295						84.1 (1968)								80.4 (1957)	-			71.2 (729)				82.2 (1531)	84.2 (1817)	- [e]		82.1 (1912)	-	69.8 (810)	35.4 [u] (99)	-	90.2 (2051)	85.8 (1342)		-										
	Salmonella , Non-typhoidal	302			45.3 (225)								97.8 (46)	93.1 (58)	-	89.6 (96)	-	84.2 (101)	-								-	84.2 (241)	-	- [e] -		- [e]										-	81.4 (247)	
	Serratia marcescens	52						-					-	-	-	94.7 (38)	-	92.5 (40)	-	-			-	-	100 (39)		-	97.5 (40)	-	100 (36)	- [u] -	-	100 (37)	-		-								-	-	-
	Shigella spp.	-			-												-										- [u]	- [u]	-	-	- [u]	-												-	
	Stenotrophomonas maltophilia	279															-													94.9 (255)													-	98 (249)	
	Vibrio cholerae (all serotypes)	-			-												-																										- [e]	-	-
	Vibrio cholerae non O1, non O139	-			-												-																										-	-	-
	Vibrio parahaemolyticus	-			-	-	-	-	-	- [e]	-			-	-	-	-			-	-			-	-			-	-	-	-	-											-	-	
	Vibrio spp.	-			-	-	-	-	-	- [e]	-			-	-	-	-			-	-			-	-			-	-	-	-	-											-	-	

Gram positive	*Enterococcus faecalis*	1,148	67.3 (550)	-	93.9 (1052)																							25.8[u] (664)	-	29.2[u] (435)	21.2[u] 170)				52.2[h] (663)		99.3 (1050)	-	-	90.5[u] (443)			15.8 (234)	-	-[u]	-		5.8[u] (207)
	Enterococcus faecium	497	6.4 (313)	-	9.3 (451)																							2.5[u] (321)	-	4[u] (227)	2.2[u] (45)				72[h] (261)		96.8 (468)	-	-				6.9 (87)	-	-[u]	-		2.6[u] (39)
	Enterococcus spp.	81	52.7 (55)	-	57.7 (71)																							15.2[u] (33)	-	27.3[u] (33)	-[u]				77.6[h] (67)		100 (73)	-	-				-	-	-[u]	-		-[u]
	Staphylococcus aureus (all isolates)	1,854	3.8 (447)	-																	92.4[f] (1677)							91.7 (1143)	-	94.6 (202)	-[u]	-	-	94.9 (1166)		-		100 (51)	-[e]		88.1 (1683)	-	89.5 (1152)	-	-[u]	93.8 (145)	94 (1457)	52.4 (368)
	(MRSA)	129	0 (61)	-																	0[f] (129)							36.7 (98)	-	-	-[u]	-	-	53 (100)		-		-	-[e]		20.8 (125)	-	13 (69)	-	-[u]	-	68.1 (116)	-
	(MSSA)	1,566	3.7 (347)	-																	100[f] (1566)							97.2 (1011)	-	98 (201)	-[u]	-	-	99 (1032)		-		100 (45)	-[e]		93.5 (1527)	-	94.1 (1090)	-	-[u]	93.9 (132)	96.6 (1313)	52.9 (340)
	(ICU)	-	-	-																	-[f]							-	-	-	-[u]	-	-	-		-		-	-[e]		-	-	-	-	-[u]	-	-	-
	(inpatient)	-	-	-																	-[f]							-	-	-	-[u]	-	-	-		-		-	-[e]		-	-	-	-	-[u]	-	-	-
	(outpatient)	-	-	-																	-[f]							-	-	-	-[u]	-	-	-		-		-	-[e]		-	-	-	-	-[u]	-	-	-
	Staphylococcus, coagulase negative	2,012	6.3 (573)	-																	47.2[f] (1812)							66.1 (1374)	-	62.3 (167)	-[u]	-	-	76.4 (1401)		-		100 (36)	-[e]		50.6 (1860)	-	40.7 (1276)	-	-[u]	93.9 (165)	62.9 (1682)	44.1 (438)
	Staphylococcus, coagulase negative (blood)	1,350	6.6 (426)	-																	49.8[f] (1240)							68.6 (1053)	-	78.6 (42)		-	-	79.2 (1078)		-		-	-[e]		52.3 (1295)	-	41.2 (831)	-		93.3 (135)	60.9 (1110)	43.6 (165)
	Streptococcus agalactiae	128	96.8 (63)	-	98.9 (88)									-	-			-	-	-			-[e]		-[e]					100 (44)		-					100 (115)				84.2 (76)	-	89.5 (76)	-		-		25.7 (35)
	Streptococcus, beta-haem. not Group A,B	146	98 (102)	-	98.6 (74)									-	-			98.8 (80	-	-			-[e]		-[e]					96 (75)		-					98.9 (88)				78.3 (106)	-	79.7 (118)	-		-		-
	Streptococcus pyogenes	284	100 (254)	-	100 (205)									100 (50)	-			100 (146)	-	-			-[e]		-[e]					100 (150)		-					100 (155)				94 (250)	-	92 (264)	-		-		-
	Streptococcus pneumoniae (all isolates)	229	-[d]	-		-[e]					-[e]	-[e]											-[e]	-[e]	-[e]					99.4 (175)		-					100 (130)				54.6 (174)	-	50 (204)	-		-	36.7 (90)	-
	(age 0-5 years old)	-	-[d]	-		-[e]					-[e]	-[e]											-[e]	-[e]	-[e]					-		-					-				-	-	-	-		-	-	-
	(age > 5 years old)	207	-[d]	-		-[e]					-[e]	-[e]											-[e]	-[e]	-[e]					99.4 (164)		-					100 (116)				55.8 (156)	-	51.9 (187)	-		-	36.7 (79)	-
	(Sterile sites)[b]	62	-[d]	-		-[e]					-[e]	-[e]											-[e]	-[e]	-[e]					97.9 (48)		-					100 (37)				70 (50)	-	58.2 (55)	-		-	41.9 (31)	-
	(Non-sterile sites)[c]	174	-[d]	-		-[e]					-[e]	-[e]											-[e]	-[e]	-[e]					100 (131)		-					100 (96)				48.8 (129)	-	47.1 (153)	-		-	37.1 (62)	-
	(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