Percentage of susceptible Organisms isolated From All Specimen, RMSc3, 5 hospitals, January -June 2018

	Organism	TOTAL ISOLATES	BETA - LACTAMS																			CARBAPENEMS			POLY MYXINS	QUINOLONES						AMINOGLYCOSIDES				GLYCOPEPTIDES			MISCELLANEOUS								
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN / SUL BACTAM	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	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	1325			R	R		(25) (1013)						(7.8) (320)		(25.2) (1021)		(5.6) (414)		(23.5) (404)			R	(31.3) (973)	(31.5) (1053)			(25.6) (1020)		(28) (542)			(50.3) (835)	(38.3) (846)						R						R	(46.7) (537)	u
	(ICU)	-			R	R																	R			e										e				R						R		u
	(inpatient)	-			R	R																	R			e										e				R						R		u
	(outpatient)	-			R	R																	R			e										e				R						R		u
	Acinetobacter spp.	49														(68.9) (45)								(81.1) (37)	(75.6) (41)	e		(71.4) (42)		- -			(90) (40)			e											u
	Aeromonas hydrophila	56						(88.2) (34)								(97.1) (34)		(93.5) (31)							(90) (30)			(100) (39)		(100) (32)			(100) (35)													(91.2) (34)	
	Burkholderia cepacia complex	-			R	R	R	R						R	R			R	R	R			R	R		R					e			R	R	R	R				R					e		
	Burkholderia mallei	-																						e																								e
	Burkholderia pseudomallei	40				e																		e																						e	e
	Citrobacter freundii	-			R	R	R		R	R	R	R															u				u														u			
	Enterobacter cloacae	210			R	R	R	(86.4) (147)	R	R	R	R	(86) (107)	(67.4) (86)		(72.6) (157)		(67.8) (146)		(71.9) (32)		R		(95.3) (127)	(95.7) (163)	WT	u	(85) (120)		(88.5) (113)	u	(87) (77)	(94.2) (156)	(87.1) (140)										u		(78.4) (139)	
	Enterobacter spp.	-								u																	u				u														u			
	Escherichia coli (all isolates)	2643			(9.2) (1058)	(63) (2273)		(89.5) (1987)	(36.9) (610)		(59.5) (274)		(91.4) (1207)	(56.9) (1097)		(64.3) (2323)		(57.2) (2121)		(58.3) (544)		(84.4) (899)		(97.6) (1816)	(97.2) (2053)	WT		(48.3) (1908)		(50.8) (1208)		(52.5) (615)	(97.9) (2216)	(64.3) (1609)		(86.3) (364)										(37.9) (1715)	
	(Urine)	1440			(7.1) (575)	(60.5) (1222)		(87.6) (1057)		(51) u (710)			(89.7) (651)	(52.5) (592)		(61) (1258)		(53.8) (1160)		(51.2) (291)		(82.6) (500)		(96.6) (1003)	(95.8) (1118)	WT	u	(38.8) (1005)		(43.3) (644)	(35.4) u (458)	(46.6) (358)	(97.6) (1199)	(61.5) (903)		(80.8) (182)				u				u		(36.7) (912)	
	(Urine-inpatient)	-								u																WT	u				u										u				u			
	(Urine-outpatient)	-								u																WT	u				u										u				u			
	Haemophilus influenzae (all isolates)	70				(75.5) (49)					(100) (38)							(98.1) (53)												(100) (48)																	
	(age 0-5 years old)	-																																													
	(age > 5 years old)	60				(78.6) (42)					(100) (34)							(97.9) (47)												(100) (41)																	
	(CSF)	-																																													
	(Sterile sites) [b]	-																																													
	(Non-sterile sites) [c]	63				(76.7) (43)					(100) (35)							(97.9) (47)												(100) (42)																	
	Klebsiella aerogenes	68			R	R	R	(70.2) (47)	R	R	R	R				(58.9) (56)		(58.3) (48)				R		(84.4) (32)	(98.2) (57)	WT	u	(94.4) (36)			u		(96.3) (54)	(84.4) (32)										u		(72.1) (43)	
	Klebsiella oxytoca	-								u																	u				u														u			
	Klebsiella pneumoniae (all isolates)	1407			R	(66.1) (1244)	- -	(74.3) (1085)	(61.2) (467)	(50.8) u (130)	(74.4) (82)	- -	(78.5) (577)	(68.6) (510)		(65.6) (1272)		(63.6) (1154)		(61.4) (337)		(82.3) (531)		(95.3) (962)	(91.9) (1188)	WT	u	(66.3) (1028)		(76.2) (663)	(45.6) u (79)	(79.4) (301)	(94.1) (1196)	(82.4) (789)		(88) (208)								u		(60) (868)	
	(ICU)	-			R					u																WT	u				u														u			
	(inpatient)	-			R					u																WT	u				u														u			
	(outpatient)	-			R					u																WT	u				u														u			
	Morganella morganii	71			R	R		(100) (46)	R	R	R	R		(73.3) (30)		(82) (61)		(86) (43)						(55) (60)	(100) (61)	R	u	(67.9) (53)		(78.9) (38)	u		(100) (64)	(71.2) (52)												(59.1) (44)	
	Neiseria meningitidis	-			e																									e																	
	Proteus mirabilis	297			(35.8) (106)	(79.9) (234)		(96) (224)	(47.8) (92)	(79.2) u (48)			(95.4) (152)	(87.4) (127)		(89.2) (250)		(84.7) (222)		(83) (53)		(82.8) (93)		(74.3) (191)	(97.8) (228)	R	u	(69.4) (206)		(69.9) (153)	u	(75) (80)	(98.8) (242)	(75.3) (186)		(84.1) (44)							R		(53.9) (204)	R
	Proteus vulgaris	30			R				R	R	R	R														R	u				u														R			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*	1200			R	R	R	(80.2) (897)						R	R	(78.3) (932)		R	R	(70.6) (429)			R	(80.3) (812)	(79.5) (916)	[e]		(81.8) (873)		(73.8) (530)	(45.8)[e] (48)		(90.1) (905)	(84.2) (669)	- -	(80.5) (128)									R	R	R
	Salmonella , Typhoidal	-																									[u]			[e]		[e]															
	Salmonella , Non-typhoidal	136			(53.7) (82)									(93.9) (33)		(90) (50)		(93.5) (46)									[u]	(86.7) (98)		[e]		[e]														(92.4) (105)	
	Serratia marcescens	31			R	R	R		R	R	R	R										R				R	[u]				[u]													R			
	Shigella spp.	-																													[u]																
	Stenotrophomonas maltophilia	146			R	R	R	R						R	R		- -	R	R				R	R	R					(94.3) (123)			R	R	R	R				R					[e]	(99.1) (113)	
	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*	587	(60.5) (248)		(93.6) (515)				R	R	R	R	R	R	R	R	R	R	R	R								(24.4)[u] (308)	[u]	(29.9)[u] (204)	(25.6)[u] (133)		R	R	[h]	R	(99.8) (497)			(94.6)[u] (205)	R	R	(14.9) (114)		[u]		R	(5.1)[u] (79)
	Enterococcus faecium	264	(5.9) (119)		(12.2) (222)				R	R	R	R	R	R	R	R	R	R	R	R								(6.2)[u] (160)	[u]	(5.2)[u] (116)	(5)[u] (60)		R	R	(67.7)[h] (133)	R	(98.2) (221)				R	R	(6.1) (33)		[u]		R	(10)[u] (30)
	Enterococcus spp.	38			(65.6) (32)																							[u]	[u]	[u]	[u]				[h]		(97) (33)								[u]			[u]
	Staphylococcus aureus (all isolates)	1052	(4.9) (283)																		(92.1)[f] (831)							(92.4) (648)		(96.7) (123)	[u]			(94.2) (616)					[e]		(89) (843)		(89.1) (659)		[u]	(91.8) (97)	(93) (857)	(57.5) (221)
	(MRSA)	69	(0) (45)																		(0)[f] (69)							(37.7) (61)			[u]			(51.7) (60)					[e]		(25.4) (67)		(12.2) (41)		[u]		(59.7) (67)	
	(MSSA)	785	(6.1) (228)																		(100)[f] (785)							(97.9) (571)		(99.2) (124)	[u]			(98.5) (541)					[e]		(94.1) (762)		(94) (605)		[u]	(94.2) (69)	(96.1) (777)	(58.3) (187)
	(ICU)	-																			[f]										[u]									[e]						[u]			
	(inpatient)	-																			[f]										[u]									[e]						[u]			
	(outpatient)	-																			[f]										[u]									[e]						[u]			
	Staphylococcus, coagulase negative	933	(5 (360																		(45)[f] (806)							(64.3) (692)		(51.7) (58)	[u]			(77.9) (674)					[e]		(49.1) (782)		(38.2) (532)		[u]	(90.3) (93)	(62) (808)	(39.2) (181)
	Staphylococcus, coagulase negative (blood)	648	(6.7) (253)																		(51.1)[f] (558)							(67.9) (539)						(79.8) (540)					[e]		(53.9) (566)		(42.3) (397)			(91.7) (84)	(64.7) (566)	(39.4) (99)
	Streptococcus agalactiae	77	(97.3) (37)		(96.6) (58)																															(100) (66)				(79.2) (53)		(81.1) (53)					
	Streptococcus, β-hemolytic not Group A,B	99	(92.2) (77)		(100) (46)													(100) (67)												(100) (41)						(100) (54)				(85.7) (84)		(83.3) (84)					
	Streptococcus pyogenes	242	(98.5) (198)		(98) (153)													(100) (138)												(98.8) (81)						(100) (156)				(94) (216)		(89.6) (221)					
	Streptococcus pneumoniae (all isolates)	148	(69.7)[d] (76)			[e]					[e]	[e]																		(100) (108)						(100) (69)				(59.2) (120)		(54.8) (124)				(44.8) (67)	
	(age 0-5 years old)	-	[d]			[e]					[e]	[e]																																				
	(age > 5 years old)	136	(69.6)[d] (69)			[e]					[e]	[e]																		(100) (101)						(100) (64)				(60.4) (111)		(56.1) (114)				(41.9) (62)	
	(Sterile sites) [b]	44	[d]			[e]					[e]	[e]																												(72.2) (36)		(67.6) (37)					
	(Non-sterile sites) [c]	111	(72.7)[d] (55)			[e]					[e]	[e]																		(100) (86)						(100) (48)				(56.7) (90)		(53.2) (94)				(41.5) (53)	
	(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