Percentage of susceptible Organisms Isolated From All Specimen, 9 hospitals, Jan - June 2018 (RMSc4)

	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	2,058			R	R	22.7 (286)	29.7 (1167)						4.9 (800)		30.4 (1354)		4.6 (873)		29.8 (47)			R	29.8 (1404)	29.3 (1473)	[e]		29.8 (1411)		20.5 (176)			42.7 (1509)	37.1 (1419)		[e]				R				R	38.7 (1034)	[u]
	(ICU)	51			R	R										12.2 (41)							R	4.7 (43)	7.3 (41)	[e]		27.9 (43)		31.4 (35)			32.6 (43)	20.9 (43)		[e]				R				R	28.6 (35)	[u]
	(inpatient)	622			R	R	26.4 (110)	29.2 (558)						8.2 (73)		34.1 (457)		3.7 (246)		26.8 (41)			R	31.7 (498)	30.1 (598)	[e]		33.3 (505)		19.5 (159)			49.3 (660)	45.6 (513)		[e]				R				R	35 (386)	[u]
	Acinetobacter spp.	590					45.5 (33)	19.9 (226)						29 (62)		23 (256)		32.4 (68)						19.4 (252)	21 (252)	[e]		23 (256)					26.6 (259)	22.9 (258)		[e]									21.5 (144)	[u]
	Aeromonas hydrophila	54												86.7 (30)		94.6 (37)		90.3 (31)										87.8 (41)					100 (34)	94.6 (37)											82.2 (45)	40 (10)
	Burkholderia cepacia complex	46			R	R	R	R						R	R	94.7 (38)		R	R	R			R	R	95 (40)	R				[e]			R	R	R	R				R				[e]	92.7 (41)	
	Citrobacter freundii	68			R	R	R	84 (50)	R	R	R	R		55.3 (47)		72.5 (51)		63.8 (47)				R		84.8 (46)	90.9 (44)		[u]	74.5 (51)			[u]		98.1 (54)	73.2 (56)								[u]			70.5 (44)	
	Enterobacter cloacae	402			R	R	R	82.3 (243)	R	R	R	R	86.4 (125)	58 (300)		68.8 (307)		58.7 (235)				R		90.8 (292)	92.2 (244)	WT	[u]	71.1 (311)			58.3 [u] (48)	77.8 (54)	97.8 (312)	82.1 (312)		93.6 (94)						[u]			70 (280)	
	Enterobacter spp.	126			4.7 (43)	13.2 (76)		85 (107)	5.3 (38)	[u]			85.6 (90)	57.9 (76)		68.2 (85)		62.9 (105)			31.9 (47)		89.7 (107)	90.7 (107)		[u]	66.3 (101)			[u]		96.6 (117)	81 (116)		85.7 (49)						[u]			61.8 (76)	
	Escherichia coli (all isolates)	4,082			12.1 (1764)	68.6 (2338)	40.5 (252)	92.5 (2450)	35.9 (1020)		49.2 (1072)		898 (1624)	52.3 (2900)		62.8 (2985)		52.5 (2624)		65.8 (114)		89.1 (1053)	98 (245)	96.9 (2856)	97.6 (2565)	WT		45.7 (3151)		49.5 (483)		46.6 (354)	98 (3205)	61.1 (3193)		91.8 (1190)									39.7 (2662)	
	(Urine)	2,601			11.2 (1085)	65.5 (1248)	36.3 (135)	91.1 (1521)		44.8 [u] (94)	46.8 (729)		88 (916)	49.2 (1814)		60 (1861)		48.2 (1575)		63.3 (60)		89.9 (633)	98.4 (188)	97 (1764)	97.3 (1606)	WT	[u]	38.4 (1957)		36.7 (286)	40.9 [u] (1173)	41.2 (199)	97.9 (1986)	59.6 (1981)		91.5 (733)			[u]			[u]			37.8 (1684)	
	(Urine-inpatient)	905			10.9 (183)	64.2 (344)		90.5 (643)		40.3 [u] (442)	40.1 (312)		90.7 (281)	44.7 (611)		55.6 (680)		45.8 (710)		63.3 (49)		89.6 (280)	100 (58)	96.7 (579)	96.6 (683)	WT	[u]	38.6 (734)		39.2 (199)	40.2 [u] (184)		97.8 (758)	58 (758)		94.6 (222)			[u]			[u]			35.2 (659)	
	(Urine-outpatient)	322			13.4 (172)	58.1 (191)		94.2 (241)		49.6 [u] (127)	44.6 (83)		94.6 (56)	54.8 (241)		68.4 (228)		52.8 (142)				91.7 (48)	97.8 (134)	99.6 (250)	99.6 (250)	W1	[u]	36.6 (265)		34.1 (44)	42.7 [u] (171)		99.3 (267)	60.8 (263)		96.6 (179)			[u]			[u]			40.2 (266)	
	Haemophilus influenzae (all isolates)	174			53 (168)	93.3 (164)		100 (37)			95.4 (65)			99.2 (132)				100 (84)							100 (74)			100 (111)		97.7 (43)														45.5 (110)	77.9 (68)
	(age 0-5 years old)	32			37.5 (32)																																									
	(age > 5 years old)	112			51.9 (106)	90.6 (106)		100 (28)			96.1 (51)			98.8 (84)				100 (66)							100 (36)			100 (89)																45.9 (85)	76.8 (56)
	(Non-sterile sites) [c]	157			54.3 (151)	93.9 (147)		100 (37)			95 (60)			99.2 (119)				100 (71)							100 (69)			100 (97)		97.3 (37)														46.3 (95)	82.1 (56)
	Klebsiella aerogenes	133			R	R	R	84.4 (64)	R	R	R	R	87.3 (71)	59.3 (113)		68.4 (114)		63.8 (94)				R		86.7 (113)	92.2 (102)	WT	[u]	70.2 (114)			[u]	63.8 (47)	98.3 (115)	73.9 (115)		82.3 (62)						[u]			62.3 (106)	
	Klebsiella oxytoca	54				78 (41)		87.5 (40)		[u]				80.4 (46)		82.6 (46)		76.7 (43)						93.5 (46)	94.9 (39)		[u]	77.6 (49)			[u]		95.8 (48)	81.6 (49)								[u]			68.3 (41)	
	Klebsiella pneumoniae (all isolates)	2,970			R	60.9 (2069)	48.1 (235)	72 (1850)	24.1 (357)	55.7 [u] (1326)	56.6 (878)		71.9 (1297)	54.9 (2283)		59 (2356)		54.4 (2093)		72.8 (92)		75.4 (871)	94.4 (125)	82.6 (2290)	81.6 (2024)	WT	[u]	59.6 (2453)		62.6 (423)	43.4 [u] (431)	54.9 (319)	89.1 (2507)	77.4 (2486)		75.6 (895)						[u]			57 (2113)	
	(ICU)	66			R	24 (50)			20.9 (43)	[u]			20 (40)	20 (50)		22.4 (49)		10 (40)						58 (50)	51 (49)	WT	[u]	24 (50)		15 (40)	[u]		66 (50)	46 (50)		44 (50)						[u]			24 (50)	
	(inpatient)	1,300			R	55.1 (908)		68.7 (920)	41.5 (571)	29 [u] (210)	47.6 (456)		73.2 (493)	50.9 (932)		53.9 (1016)		52.7 (1088)		68 (75)		76.7 (438)	93.4 (61)	79.4 (924)	80.9 (1024)	WT	[u]	54 (1091)		63.1 (325)	37.5 [u] (88)		90.3 (1133)	79.2 (1121)		77.5 (356)						[u]			50.8 (953)	
	(outpatient)	138			R	64.3 (126)		89.1 (119)	65.8 (76)	[u]	75 (40)			68.5 (124)		72 (107)		68.3 (63)					97.1 (68)	96.5 (113)	96.2 (105)	WT	[u]	68.5 (124)			50 [u] (38)		95.2 (125)	86 (121)		96.4 (83)						[u]			69.4 (124)	
	Morganella morganii	102			R	R		93.2 (73)	R	R	R	R	100 (31)	80.5 (82)		85.4 (82)		87 (54)						59.3 (81)	96.1 (76)	R	[u]	77.8 (90)			[u]		100 (93)	78.7 (94)		100 (33)						R			56.1 (82)	
	Proteus mirabilis	736			42.9 (429)	83.8 (537)	71.4 (42)	97.5 (405)	32.9 (231)	50.5 [u] (196)	73.9 (337)		98 (297)	73.6 (652)		86 (678)		76.1 (519)				94.6 (167)		94.5 (616)	99 (605)	R	[u]	67.6 (706)		73.7 (156)	70.2 [u] (235)	60.8 (51)	98.7 (706)	74.5 (706)		86.4 (236)						R			48.3 (661)	R
	Proteus vulgaris	114			R	54 (87)		98.3 (59)	R	R	R	R	92.2 (64)	75.8 (99)		81.3 (107)		78.1 (96)						83.8 (99)	99 (97)	R	[u]	64.4 (104)		56.8 (44)	[u]		96.4 (110)	74.1 (112)		90.2 (51)						R			47.5 (99)	R
	Providencia rettgeri	54			R	R		97.7 (44)	R	R	33.3 (30)			61.2 (49)		65.3 (49)		65.3 (49)						83.3 (42)	97.4 (38)	R	[u]	50 (52)			[u]		98.1 (52)	71.2 (52)								R			54.3 (46)	R
	Providencia stuartii	53			R	R			R	R				63.2 (38)		67 (37)								89.5 (38)	100 (38)	R	[u]	41 (39)			[u]		100 (39)								R			60 (40)	R
	Pseudomonas aeruginosa	1,870			R	R	R	83.6 (1362)						R	R	84.5 (1641)		R	R	94.6 (56)			R	79.2 (1685)	79.7 (1773)	[e]		85 (1723)		84.8 (355)	70.2 [u] (168)	68.7 (131)	91.7 (1789)	85.1 (1704)		88.7 (592)							R	R	R	R
	Salmonella, Non-typhoidal	388			38.7 (349)									80.5 (41)				91 (100)									[u]	73.6 (201)		[e]		[e]												79.2 (341)	
	Serratia marcescens	54			R	R	R		R	R	R	R		92.7 (41)		95.2 (42)		93.3 (30)				R		97.6 (41)	96.9 (32)	R	[u]	91.1 (45)			[u]		100 (44)	97.8 (45)								R			95.3 (43)	
	Stenotrophomonas maltophilia	391			R	R	R	R						R	R			R	R					R	R	R				95 (260)			R	R	R	R				R				[e]	95.4 (367)	
	Vibrio parahaemolyticus	-							[e]	[e]																																				

Percentage of susceptible Organisms Isolated From All Specimen, 9 hospitals, Jan - June 2018 (RMSc4)

	Organism	TOTAL ISOLATES	BETA - LACTAMS											[a]										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	CEFOTAXIME	CEFOTAXIME BY MIC	CEFTAZIDIME	CEFTAZIDIME BY MIC	CEFTRIAXONE	CEFTRIAXONE BY MIC	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC [a]	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 positive	*Enterococcus faecalis*	607	66.4 (307)		95.5 (572)				R	R	R	R	R	R	R	R	R	R	R	R								30.2 [u] (311)	[u]	45.7 [u] (35)	37.2 [u] (191)		R	R	62.5 [h] (574)	R	99.5 (581)		100 (206)	93.1 [u] (317)	R	R	39.2 (79)		[u]		R	12.8 [u] (39)
	Enterococcus faecium	494	3.3 (180)	43.8 (32)	14.6 (451)				R	R	R	R	R	R	R	R	R	R	R	R								2 [u] (293)	[u]	10.3 [u] (39)	3.6 [u] (165)		R	R	61.7 [h] (428)	R	90.1 (475)		78.5 (130)		R	R	9.5 (63)		[u]		R	8.6 [u] (58)
	Enterococcus spp.	285			60.9 (266)																					[u]	[u]	55.6 [u] (9199)	[u]				52.7 [h] (264)		98.2 (283)						[u]			[u]
	Staphylococcus aureus (all isolates)	1,472	6.5 (522)	0 (92)																	88.9 [f] (1433)							89.2 (803)		93.7 (174)	91.2 [u] (34)	76.2 (63)		92.8 (1148)					[e]		82.9 (1337)		78.9 (1324)		[u]		96 (1250)	49.6 (379)
	(MRSA)	171	0 (31)																		0 [f] (171)							14 (86)			[u]			44.9 (127)					[e]		23.5 (149)		11.6 (147)		[u]		76.2 (143)	21.6 (37)
	(MSSA)	1,277	6.7 (479)	0 (82)																	100 [f] (1277)							97.6 (704)		98.8 (160)	100 [u] (30)	98 (49)		98.3 (1009)					[e]		89.9 (1174)		86.7 (1162)		[u]		98.2 (1094)	52.7 (336)
	(inpatient)	627	15.2 (46)																		85.9 [f] (607)							84.6 (267)			[u]			92 (465)					[e]		78.8 (543)		73.3 (531)		[u]		45.6 (542)	37.5 (48)
	(outpatient)	121																			87.4 [f] (119)							93.3 (45)			[u]			94.2 (69)					[e]		84.7 (111)		74.3 (105)		[u]		94.9 (78)	
	Staphylococcus, coagulase negative	1,314	12 (274)	0 (289)																	37.6 [f] (1257)							54.8 (703)		72.6 (73)	59.7 [u] (67)	60.4 (111)		67.7 (934)					[e]		42.4 (1190)		31 (1178)		[u]		63.4 (1086)	57 (488)
	Staphylococcus, coagulase negative (blood)	888	10.4 (154)	0 (230)																	37.9 [f] (847)							54 (500)		69 (58)		64.8 (88)		69.2 (600)					[e]		42.5 (876)		31.8 (874)				63.6 (707)	63.2 (383)
	Streptococcus, β-hemolytic not Group A,B	40	100 (34)																																100 (30)						88.9 (36)		96.9 (32)					
	Streptococcus pyogenes	202	100 (166)		94.4 (36)									100 (36)					100 (55)											100 (111)											99.5 (190)				90 (190)		89 (182)					11 (91)
	Streptococcus pneumoniae (all isolates)	212	62.9 [d] (132)	37.7 (61)		[e]					[e]	[e]																		100 (61)							100 (174)			63.9 (158)		58.7 (189)			92.1 (38)	45.6 (147)	9.8 (41)
	(age > 5 years old)	162	62.8 [d] (113)	56.1 (41)		[e]					[e]	[e]																		100 (34)							100 (137)			65 (137)		62.1 (145)			91.2 (34)	46.9 (128)	11.8 (34)
	(Sterile sites) [b]	56	76.3 [d] (38)	35.3 (17)		[e]					[e]	[e]																							100 (52)						71.7 (46)		73.1 (52)				60.4 (48)	
	(Non-sterile sites) [c]	167	60.23 [d] (103)	40.8 (49)		[e]					[e]	[e]																		100 (51)							100 (133)			62.8 (121)		55.1 (147)				41.1 (107)	
	(Meningitis: by E-test)	-		37.7 (61)											74.2 (31)					[e]																										
	(Nonmeningitis: by E-test)	-		82 (61)		[e]									90.3 (31)					[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