Percentage of susceptible Organisms Isolated From All Specimen, 5 hospitals, RMSc 6, 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 [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	1693			R	R	23.7 (1137)	18.2 (1415)						3.3 (1242)		22.3 (1544)							R	22.2 (1589)	22.6 (1608)	[e]		21.5 (1592)		16.3 (692)			36.9 (1522)	31.9 (1583)		0 (418) [u]				R					R		8.6 [u] (361)
	(ICU)	201			R	R	19.2 (151)	18.8 (144)						4.3 (117)		22 (182)							R	20.4 (186)	20.9 (187)	[e]		22 (186)					29.4 (177)	27.9 (183)		[e]				R					R		[u]
	(inpatient)	720			R	R	29.5 (599)	20.4 (628)						2.4 (423)		24.7 (689)							R	24.1 (689)	24.4 (704)	[e]		24.2 (694)		12.7 (63)			37.6 (694)	35.2 (688)		[e]				R					R		[u]
	(outpatient)	-			R	R																	R			[e]									[e]									R		[u]
	Acinetobacter spp.	134					73.9 (69)	76.4 (72)						34 (103)		58.7 (109)								61.4 (114)	65.8 (114)	[e]		65.8 (117)					72.8 (103)	69 (116)		[e]											[u]
	Aeromonas hydrophila	40																										100 (35)																			
	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	-				[e]																		[e]																					[e]	[e]
	Citrobacter freundii	60			R	R	R	67.5 (40)	R	R	R	R		67.7 (31)		46.7 (45)						R		86.7 (45)	88.9 (45)		[u]	70.9 (55)			[u]		97.8 (45)	78.6 (56)								[u]					
	Enterobacter cloacae	252			R	R	R	76.3 (177)	R	R	R	R		61.9 (160)		53.7 (190)						R	82.4 (34)	93.1 (188)	94.3 (194)	[WT]	[u]	76.3 (232)		92.1 (63)	56.1 [u] (41)		97.9 (193)	84.6 (241)								[u]					
	Enterobacter spp.	-								[u]																	[u]				[u]												[u]					
	Escherichia coli (all isolates)	2806			12.2 (2562)	62.7 (1542)	51.9 (806)	88.6 (1766)			47.8 (1069)			51.3 (2060)		56.7 (2098)						86.3 (921)	97.3 (446)	96 (2128)	96.3 (2170)	[WT]		44.6 (2355)		48.3 (956)		40.3 (471)	98.9 (2117)	64 (2577)		94.1 (539)											
	(Urine)	1543			12.8 (1451)	60.8 (829)	54.2 (483)	87.7 (965)		50 [u] (1072)	46.5 (606)			49.8 (1171)		54.7 (1171)						85.2 (479)	97.5 (278)	95.5 (1180)	95.6 (1211)	[WT]	27 [u] (189)	36 (1197)		40.4 (502)	41.9 [u] (1124)	39.8 (498)	98.7 (1180)	63.4 (1465)		92.6 (311)				96.7 [u] (814)					[u]					
	(Urine-inpatient)	746			12 (710)	57.6 (278)	60.6 (231)	90.1 (434)		48.8 [u] (689)	43.4 (235)			49.6 (492)		46.9 (503)							97.4 (231)	96.4 (498)	96.3 (511)	[WT]	[u]	32.6 (506)			42.3 [u] (712)		98.8 (511)	61.2 (707)					93.4 [u] (241)					[u]					
	(Urine-outpatient)	120			17.9 (106)	78.7 (61)		92.9 (70)		54.7 [u] (95)	53.2 (47)			61.2 (67)		69.1 (81)								96.1 (77)	96.4 (84)	[WT]	[u]	29.3 (82)			31.1 [u] (103)		95.2 (84)	67.9 (109)					97.9 [u] (48)					[u]					
	Haemophilus influenzae (all isolates)	89			46 (87)						86.7 (30)			98.7 (78)																100 (39)		100 (37)															
	(age 0-5 years old)	-												- -																																		
	(age > 5 years old)	74			48.6 (72)									98.4 (64)																100 (33)		100 (31)															
	(CSF)	-												- -																																		
	(Sterile sites) [b]	-												- -																																		
	(Non-sterile sites) [c]	77			44 (75)									100 (69)																100 (37)		100 (35)															
	Klebsiella aerogenes	121			R	R	R	79.2 (77)	R	R	R	R		67 (100)		57.1 (84)						R		91.9 (86)	95.4 (87)	[WT]	[u]	86.4 (110)		87.2 (39)	[u]		97.6 (85)	83.5 (115)		94.4 (36)											
	Klebsiella oxytoca	-								[u]																	[u]				[u]												[u]					
	Klebsiella pneumoniae (all isolates)	1723			R	55.8 (1096)	37.3 (429)	67.9 (1106)	48.4 (545)	46.9 [u] (290)	49 (700)			56.6 (1197)		50.1 (1306)						74.5 (564)	77.6 (183)	84.6 (1313)	84 (1341)	[WT]	37.1 [u] (70)	62 (1525)		69.9 (582)	54.7 [u] (274)	46.7 (150)	88.8 (1313)	81.3 (1584)		77.3 (317)											
	(ICU)	142			R	47.6 (63)	28.1 (32)	64 (75)	42.9 (42)	- [u] -	33.3 (47)			54.3 (81)		38.3 (94)							84.4 (32)	79.6 (93)	79.2 (96)	[WT]	[u]	62.2 (119)			[u]		82.1 (95)	77.6 (125)													
	(inpatient)	818			R	53 (440)	18.9 (148)	64.7 (499)	48.4 (316)	46.2 [u] (184)	51.4 (329)			57.4 (460)		44.7 (584)						88.6 (44)	74.3 (148)	83.7 (570)	83.2 (588)	[WT]	[u]	60.2 (734)		74.4 (43)	54.4 [u] (169)		90.1 (588)	81.6 (770)													
	(outpatient)	47			R	60 (30)				[u]						63.3 (30)								90 (30)	87.5 (32)	[WT]	[u]	71.4 (42)			[u]		96.8 (31)	95.3 (43)													
	Morganella morganii	82			R	R		100 (33)	R	R	R	R		88.1 (67)		86.5 (37)								62.2 (37)	97.3 (37)	R	[u]	82.1 (67)			[u]		100 (37)	85 (80)									R				
	Neiseria meningitidis	-			[e]																									[e]																
	Proteus mirabilis	344			57 (316)	86.6 (224)	80.9 (94)	99.1 (230)	59.8 (92)	72.7 [u] (88)	83.5 (158)			78.7 (239)		90.2 (255)						98.2 (113)		90.2 (255)	99.2 (262)	R	[u]	81 (300)		81.5 (119)	79.1 [u] (91)	81.8 (33)	100 (255)	81.2 (324)		88 (75)							R				R
	Proteus vulgaris	41			R				R	R	R	R				93.5 (31)								80.6 (31)	100 (33)	R	[u]	87.2 (39)			[u]		100 (30)	94.6 (37)									R				R
	Providencia rettgeri	-			R	R			R	R																R	[u]				[u]												R				R
	Providencia stuartii	-			R	R			R	R																R	[u]				[u]												R				R

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	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	*Providencia* spp.	-																																															
	Pseudomonas aeruginosa	1131			R	R	R	81.9 (950)						R	R	82.1 (1038)		R	R				R	78.2 (1058)	76.9 (1075)	[e]		84.1 (1064)		82.9 (420)	63.6 [u] (55)	52.9 (34)	88.9 (1053)	85.1 (1067)		89.3 (234)									R	R	R
	Salmonella , Typhoidal	-																									[u]			[e]		[e]														
	Salmonella , Non-typhoidal	230			48.3 (211)									82.5 (57)													[u]	72.6 (186)		[e]		[e]														
	Serratia marcescens	38			R	R	R		R	R	R	R														R	[u]	93.8 (32)			[u]			94.1 (34)								R			
	Shigella spp.	-																												90.8 (65)				R	R	R	R				R							
	Stenotrophomonas maltophilia	144			R	R	R	R						R	R			R	R				R	R	R																			[e]		
	Vibrio parahaemolyticus	55			3.8 (53)				[e]	[e]																		100 (43)																		
	Vibrio spp.	37			63.9 (36)				[e]	[e]																		96.7 (30)																		
Gram positive	*Enterococcus faecalis*	613	79.6 (329)		98.1 (579)				R	R	R	R	R	R	R	R	R	R	R	R								18.2 [u] (99)	[u]	[u]	35.7 [b] (235)		R	R	[h]	R	100 (576)			80.9 [u] (157)	R	R	17.4 (213)		[u]	79.2 (125)	R	13.5 [b] (223)
	Enterococcus faecium	342	6.9 (159)		5.5 (327)				R	R	R	R	R	R	R	R	R	R	R	R								3 [u] (67)	[u]	[u]	4.4 [u] (158)		R	R	[h]	R	93.2 (323)				R	R	12.6 (87)		[u]	80.4 (51)	R	2.7 [u] (147)
	Enterococcus spp.	69			62.5 (48)																							[u]	[u]	[u]	28.6 [b] (35)				[h]		98 (50)							[u]				[u]
	Staphylococcus aureus (all isolates)	1118	7.9 (265)																		85.3 [f] (996)							84.5 (283)		87.8 (311)	[u]			88.3 (786)			99 [e] (191)			79.3 (996)		77.6 (996)		[u]			53.1 (416)
	(MRSA)	154	0 (47)																		0 [f] (154)							21.2 (33)		18.4 (38)	[u]			23.7 (118)			100 [e] (32)			11.4 (149)		4.7 (150)		[u]			24.5 (53)
	(MSSA)	867	9.4 (224)																		100 [f] (867)							92.5 (239)		97.1 (278)	[u]			99.3 (668)			99.4 [e] (164)			90.9 (850)		90.2 (849)		[u]			56.8 (375)
	(ICU)	56																			83.6 [f] (55)										[u]			85.2 (54)			[e]			87 (54)		77.8 (54)		[u]			
	(inpatient)	554	10 (60)																		83.7 [f] (533)							85.9 (192)			[u]			86.3 (512)			[e]			78.7 (527)		77.2 (527)		[u]			58 (188)
	(outpatient)	77																			89.3 [f] (56)										[u]			98 (49)			[e]			80.3 (61)		82 (61)		[u]			
	Staphylococcus, coagulase negative	599	4.2 (48)																		38.7 [f] (163)							44 (50)		41.9 (43)	[u]			63.2 (152)			93.9 [e] (33)			36.8 (163)		29.9 (164)		[u]			57.9 (38)
	Staphylococcus, coagulase negative (blood)	521	2.5 (40)																		32.7 [f] (107)							38.2 (34)		42.5 (40)				58.1 (93)			93.5 [e] (31)			34.7 (124)		29.8 (124)					
	Streptococcus agalactiae	-																																														
	Streptococcus, β-hemolytic not Group A,B	116	98.1 (107)																											100 (39)		100 (39)					98.8 (84)				88.8 (107)		91.7 (108)					
	Streptococcus pyogenes	226	100 (180)		100 (43)									100 (81)															99.1 (115)		95.5 (110)					100 (136)				93.5 (185)		91.4 (185)					7.8 (90)
	Streptococcus pneumoniae (all isolates)	114	57.7 [d] (78)			[e]					[e]	[e]																	100 (42)							100 (97)				62 (100)		57 (100)			92.9 (42)		18.9 (37)
	(age 0-5 years old)	- [d]	[d]			[e]					[e]	[e]																																			
	(age > 5 years old)	103 [d]	62 [d] (71)			[e]					[e]	[e]																	100 (37)							100 (86)				66.7 (90)		62.2 (90)			94.4 (36)		21.9 (32)
	(Sterile sites) [b]	40	57.7 [d] (26)			[e]					[e]	[e]																									100 (30)				64.5 (31)		54.8 (31)					
	(Non-sterile sites) [c]	78	59.3 [d] (54)			[e]					[e]	[e]								[e]																						62 (71)		59.2 (71)			93.3 (30)		

[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