Percentage of susceptible Organisms Isolated From All Specimen, 8 hospitals, JANUARY - JUNE 2018, RMSC 5th

	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	CEFIXIZILIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC [e]	NALIDIXIC ACID	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 130 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* comp	1,941			R	R	29.2 (1114)	23.1 (1747)						7.7 (1037)		25.4 (1710)		7 (1414)		24.3 (452)			R	22.3 (1500)	25.2 (1608)			22.1 (1295)		25.4 (871)			40.4 (1876)	28.7 (1455)			R			R		29.3 (1674)	
	(ICU)	115			R	R		19.1 (115)						0 (102)		22.6 (116)				14.6 (89)			R	20 (115)	21.1 (114)			20.9 (115)		15.7 (89)			32.2 (115)	25.4 (114)			R			R		29.4 (34)	
	(inpatient)	311			R	R	16.9 (59)	18 (289)						5.7 (245)		20.5 (297)		8.2 (244)		23.7 (38)			R	17.1 (299)	20.3 (256)			18 (300)		19.9 (141)			35.4 (302)	23 (296)			R			R		24.7 (263)	
	(outpatient)	2			R	R																	R																					
	Acinetobacter spp.	349					50 (264)	57 (328)						27.2 (268)		54.6 (315)		29 (303)		51.6 (64)				52.8 (159)	51.3 (318)			63.4 (112)		63.2 (242)			58.6 (336)	56.9 (130)								58.8 (328)	
	Aeromonas hydrophila	27																																												
	Burkholderia cepacia complex	8			R	R	R	R						R	R			R	R	R			R	R		R						R	R	R	R				R						
	Burkholderia mallei	-																																											
	Burkholderia pseudomallei	13																																											
	Citrobacter freundii	63			R	R	R		R	R	R	R		53.7 (54)		61.7 (60)				75 (40)		R		94.3 (53)				64.2 (53)					96.4 (55)	71.2 (52)								58.1 (43)	
	Enterobacter cloacae	414			R	R	R	86.1 (173)	R	R	R	R	78.1 (114)	62.8 (325)		69.1 (395)		69.2 (195)		70.3 (279)		R	100 (11)	95 (342)	96.5 (317)	WT	60 (40)	79.1 (330)		89.2 (213)	84.1 (44)	85.2 (61)	97.9 (337)	78.3 (313)								78 (232)	
	Enterobacter spp.	51			6.2 (48)	23.5 (51)	16.7 (36)	90.7 (43)						80.4 (46)		85.7 (49)		81.2 (48)						91.7 (48)	96.1 (47)			89.4 (47)		91.5 (47)			98 (50)									85.4 (41)	
	Escherichia coli (all isolates)	3,741			11 (2489)	64.8 (2099)	51.9 (2345)	94.5 (1831)	17.2 (1008)			51.1 (1101)	87.2 (796)	51.6 (3030)		62.9 (3564)		53.5 (2095)		57.7 (2112)		86.3 (2629)	98.9 (180)	98.5 (3121)	98.9 (2934)	WT	21.1 (308)	42.9 (3034)		43.8 (1985)	36.6 (1309)	41.3 (753)	98.5 (3088)	58.9 (2593)			98 (1308)				93.7 (520)	40.6 (2603)	27.5 (247)
	(Urine)	2,277			9.6 (1508)	61.5 (1238)	47.7 (1484)	94 (1108)			47.4 [d] (631)			48 (1840)		59.5 (2203)		49.1 (1233)		55.2 (1266)		83.9 (1622)	97.7 (88)	98.5 (1887)	98.9 (1785)	WT	16.1 (218)	34.2 (1842)		34.6 (1785)	34.1 (1368)	35.3 (538)	98.1 (1873)	55.5 (1550)			97.9 (1202)				94.4 (463)	38.4 (1871)	32 (122)
	(Urine-inpatient)	327			4.6 (130)	66.8 (298)	44.8 (134)	97.5 (240)				49.3 (67)	91 (78)	43.4 (318)		59.4 (325)		44.5 (319)		52.5 (141)		84.6 (241)	97.1 (68)	98.7 (318)	98.9 (283)	WT	0 (5)	37.7 (318)		41.1 (146)	34.3 (204)	38.1 (194)	98.4 (318)	54.1 (307)			98.5 (67)				91.7 (108)	42.3 (317)	
	(Urine-outpatient)	60			14.6 (41)	69.6 (56)	56.7 (30)	90 (40)						66.1 (59)		70 (60)		64.8 (54)		72.7 (33)		95.1 (41)		98.3 (60)	98.2 (56)	WT		20.3 (59)		19.4 (36)	26.7 (45)	21.2 (33)	91.5 (59)	50 (60)								44.1 (59)	
	Haemophilus influenzae (all isolates)	154			40.4 (151)	78.9 (128)	97.9 (47)					88.9 (18)		97.1 (104)		96.8 (31)		100 (120)						100 (52)	100 (77)			100 (135)		100 (65)												38.1 (134)	
	(age 0-5 years old)	18																																											
	(age > 5 years old)	137			40.7 (135)	79.5 (112)	97.6 (42)							96.8 (95)				100 (103)						100 (47)	100 (67)			100 (120)		100 (57)												38.1 (118)	
	(CSF)	-																																											
	(Sterile sites) [b]	11																																											
	(Non-sterile sites) [c]	146			39.2 (143)	78.5 (121)	97.7 (44)							97 (99)				100 (114)						100 (48)	100 (73)			100 (128)		100 (61)												36.7 (128)	
	Klebsiella aerogenes (Enterobacter aerogenes)	89			R	R	R	86.4 (59)	R	R	R	R		54.5 (77)		71.9 (89)		64.3 (70)		64 (50)		R		98.8 (82)	100 (73)	WT		82.3 (79)		83.1 (65)			98.8 (82)	78 (59)								74.3 (70)	
	Klebsiella oxytoca	46			10 (30)	74.2 (31)								69.8 (43)		78.3 (46)		75 (28)		69.7 (33)		80.6 (31)		88.4 (43)	90.5 (42)			64.3 (42)					92.7 (41)	80 (40)								64.5 (31)	
	Klebsiella pneumoniae (all isolates)	2,579			R	60.5 (1562)	57.3 (1626)	73.5 (1278)	34.7 (677)	39.7 [d] (234)		55.7 (788)	76.2 (579)	56.9 (2180)		62 (2502)		59.2 (1497)		60.6 (1440)		77.4 (1844)	86 (164)	85 (2209)	86.4 (2077)	WT	44.6 (65)	60.5 (2154)		71 (1368)	4.3 (431)	56.4 (486)	89.1 (2185)	79.9 (1840)			83.3 (240)				41.2 (48)	58 (1665)	59.1 (193)
	(ICU)	89			R	56.2 (89)	50.6 (89)	70 (60)					71.4 (70)	51.7 (89)		56.2 (89)		52.8 (89)		51.7 (60)				78.7 (89)	79.8 (89)	WT		57.3 (89)		57.6 (59)			84.3 (89)	76.4 (89)								64.2 (53)	
	(inpatient)	480			R	57.1 (431)	44.6 (195)	76 (325)				50 (130)	80.5 (87)	55.7 (467)		60.8 (469)		58.6 (466)		55.6 (180)		73.1 (376)	86.9 (130)	81.9 (465)	85.4 (396)	WT		57.5 (464)		56.5 (186)	36.6 (82)	56.6 (212)	88.4 (466)	74.4 (445)							38.3 (47)	60 (427)	
	(outpatient)	35			R	77.1 (35)								69.7 (33)		71.4 (35)		71.4 (35)						88.6 (35)	87.5 (32)	WT		62.9 (35)					85.7 (35)	85.7 (35)									
	Morganella morganii	112			R	R	39.2 (79)		R	R	R	R		74.7 (87)		91.7 (108)		74.2 (31)		86.2 (80)		43.3 (90)		69.3 (88)	100 (80)	R		67.4 (89)		81 (42)			98.8 (86)	72.6 (84)						R		58.2 (55)	
	Neiseria meningitidis	-																																										
	Proteus mirabilis	562			47 (428)	81.5 (330)	77.6 (380)	98.2 (277)	15 (193)	66.7 [d] (84)		78.3 (212)	98.7 (155)	80 (495)		90.8 (544)		83.8 (327)		82.3 (362)		95.4 (346)	100 (40)	95.9 (512)	99.8 (499)	R		70.8 (503)		75.9 (257)	72.2 (126)	62.9 (97)	99.8 (510)	74.8 (440)			83.9 (56)			R		54.6 (357)	R
	Proteus vulgaris	77			R	51.8 (56)	48.9 (45)	97.4 (89)	R	R	R	R		80.3 (66)		88 (75)		83.3 (54)		91.3 (46)		87 (46)	100 (4)	87.5 (72)	98.6 (70)	R		71 (69)		76.9 (52)			100 (73)	80.4 (51)						R		63.2 (57)	R
	Providencia rettgeri	27			R	R			R	R																	R														R			R
	Providencia stuartii	43			R	R	16.2 (37)		R	R				60 (35)		73.2 (41)								94.4 (36)	100 (34)	R		48.6 (35)					100 (36)							R			R
	Providencia spp.	19																																											
	Pseudomonas aeruginosa	1,961			R	R	R	84.9 (1803)						R	R	84.8 (1721)		R	R	88.7 (988)			R	80 (1532)	80.1 (1645)			85.6 (1374)		82.2 (873)	67.1 (140)		91.7 (1854)	88.3 (1497)		77.3 (97)				R	R	R	
	Salmonella , Typhoidal	1																																											
	Salmonella , Non-typhoidal	475												68.5 (184)		59.5 (42)		70.5 (44)							96.8 (31)			48.4 (332)		94.4 (36)										62.5 (32)	81.1 (450)	61.2 (49)
	Serratia marcescens	89			R	R	R		R	R	R	R		83.9 (56)		92.6 (81)				86 (43)		R		100 (51)	100 (51)	R		98.1 (52)		97.7 (43)			96.2 (53)	96.2 (53)						R		97.2 (36)	
	Shigella spp.	8																																											
	Stenotrophomonas maltophilia	239			R	R	R	R						R	R			R	R				R	R	R					84.8 (92)			R	R	R	R				R				92.3 (221)	
	Vibrio cholerae (all serotypes)	33			80.6 (31)																																						80 (30)	

	Organism	TOTAL ISOLATES	BETA - LACTAMS																				CARBAPENEMS			POLY MYXINS	QUINOLONES						AMINOGLYCOSIDES				GLYCOPEPTIDES			MISCELLANEOUS									
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN SULBACTAM	PIPERACILLIN /TAZOBACTAM	CEFALOTIN (A)	CEFAZOLIN (1)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE/SULBACTAM [a]	CEFOTAXIME	CEFOTAXIME BY MIC	CEFTAZIDME	CEFTAZIDME BY MIC	CEFTRIAXONE	CEFTRIAXONE BY MIC	CEFEPIME	COXACILLIN	CEFOXITIN	IMIPENEM	MEROPENEM	COLISTIN BY MIC [e]	NALIDIXIC ACID	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 10 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
	Vibrio cholerae O1	-																																													
	Vibrio cholerae non O1, non O139	33			80.6 (31)																																								80 (30)	
	Vibrio parahaemolyticus	79			3.1 (64)				e	e																	100 (75)																	98.5 (67)	100 (53)
	Vibrio spp.	13							e	e																																			
Gram positive	*Enterococcus faecalis*	724	57.7 (213)		95.6 (657)				R	R	R	R	R	R	R	R	R	R	R	R	R						16.9 u (177)	u	31.2 u (173)	28.4 u (102)		R	R	55.1 h (573)	R	96.5 (656)			95.7 (301)	R	R	17.5 (40)			v		R	u
	Enterococcus faecium	510	11.7 (163)		11.8 (431)				R	R	R	R	R	R	R	R	R	R	R	R	R						4 u (150)	u	12 u (158)	2.4 u (127)		R	R	64.8 h (361)	R	90.1 (436)			47.6 (63)	R	R				v		R	5.7 u (70)
	Enterococcus spp.	83	46.2 (39)		78.1 (73)																						u	u	34.8 u (46)	38.2 u (34)				57.4 h (68)		98.7 (79)							v			2.6 u (39)
	Staphylococcus aureus (all isolates)	1,463	1.9 (644)																			88.8 f (1286)					81 (669)		85.1 (689)	u	89.9 (238)		88.8 (670)				100 (45)	e		83.7 (1051)		78.3 (1124)		100 v (2)	87.5 (40)	97.2 (1279)	51.1 (139)
	(MRSA)	153	0 (76)																			0 f (153)					19.3 (57)		10.6 (85)	u			25.6 (78)				100 (33)	e					v		88.8 (152)	
	(MSSA)	1,148	2.1 (571)																			100 f (1148)					86.2 (614)		94.4 (606)	u	97.2 (217)		96.5 (598)					e		92.7 (932)		86.5 (1001)		v	89.2 (37)	98.2 (1139)	53.2 (126)
	(ICU)	50																				74 f (50)					50 (4)		71.4 (49)	u								e		76.1 (46)		73.9 (46)		v		96 (50)	
	(inpatient)	197	2.7 (37)																			89.7 f (194)					84.4 (141)		85.3 (136)	u	85.1 (101)		97.1 (35)					e		81.6 (174)		79.9 (189)		v		97.9 (194)	
	(outpatient)	33																				97 f (33)					86.7 (15)		96.6 (29)	u	87.5 (8)							e						v			
	Staphylococcus, coagulase negative	1,382	5 (499)																			42.3 f (1233)					60 (859)		65.2 (719)	u	62 (342)		69.1 (666)					e		50.2 (929)		41.1 (1045)		v	86 (114)	64.8 (1215)	53.4 (163)
	Staphylococcus, coagulase negative (blood)	1,119	5.5 (416)																			44.7 f (1010)					62.9 (677)		68.1 (568)		64 (297)		71.4 (525)					e		50.8 (788)		41.5 (891)		v	91.2 (68)	65.6 (998)	56.4 (117)
	Streptococcus agalactiae	144	99.1 (110)		94.9 (39)									98.8 (85)				100 (107)		100 (63)									100 (41)							95.8 (119)			86.2 (80)		88.6 (79)			93.8 (48)		
	Streptococcus, **β**-hemolytic not Group A,B	67	97.8 (46)		100 (51)									100 (9)				100 (53)		66.7 (3)									95.3 (43)							98.3 (60)			81.6 (38)		84.2 (38)					
	Streptococcus pyogenes	252	99.5 (188)		97 (101)									100 (166)				99 (196)		100 (91)									98.9 (91)							99.5 (205)			93.8 (178)		95 (179)			89.5 (95)		
	Streptococcus pneumoniae (all isolates)	148	75 d (64)			e					e	e																		100 (98)							100 (130)			65.8 (111)		66.1 (112)			92.1 (38)	47.1 (85)	12.2 (41)
	(age 0-5 years old)	16	d			e					e	e																																		
	(age > 5 years old)	133	75.4 d (61)			e					e	e																		100 (88)							100 (115)			67 (100)		68.3 (101)			93.9 (33)	49.4 (77)	13.2 (38)
	(Sterile sites) [b]	38	d			e					e	e																																		
	(Non-sterile sites) [c]	119	70.6 d (51)			e					e	e																		100 (75)							100 (105)			68.2 (88)		68.5 (89)			96.8 (31)	46.4 (69)	15.6 (32)
	(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