Percentage of susceptible Organisms Isolated From All Specimen, RMSc 1 & 1/1, 11 hospitals, Jan - Jun 2018

	Organism	TOTAL ISOLATES	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	2650			R	R	60.1 (138)	29.5 (1696)						10.5 (1577)	-	34 (2566)	-	16.5 (419)	-	66.2 (74)			R	28.2 (1520)	28.7 (2269)	- [e]		36.8 (2348)		28.1 (972)			42.6 (2376)	37.3 (2090)		- [e]				R						R	52.1 (1705)	- [u]
	(ICU)	339			R	R	-	15.4 (337)						3.6 (197)	-	32.4 (339)	-	-	-	-			R	15.6 (339)	15.9 (339)	- [e]		35.4 (339)		49.3 (71)			42.8 (339)	25.8 (240)		- [e]				R						R	64.7 (238)	- [u]
	(inpatient)	937			R	R	-	23.9 (930)						8.3 (424)	-	31.4 (934)	-	11.3 (106)	-	-			R	23.1 (935)	23.3 (928)	- [e]		33 (934)		31.4 (229)			45.1 (935)	36 (594)		- [e]				R						R	57.1 (587)	- [u]
	(outpatient)	35			R	R	-	60 (35)						-	-	62.9 (35)	-	-	-	-			R	60 (35)	57.1 (35)	- [e]		62.9 (35)		-			68.6 (35)	-		- [e]				R						R	-	- [u]
	Acinetobacter spp.	201					95.5 (44)	68.9 (167)						49.2 (132)	-	70.5 (200)	-	48.7 (78)	-	-				55.1 (98)	68.1 (191)	- [e]		84 (188)		84.8 (33)			75.1 (189)	74.2 (186)		- [e]											73 (130)	- [u]
	Aeromonas hydrophila	118						86.5 (37)			-			79.8 (84)	-	86.6 (67)	-	88.9 (63)	-	-		-	-	-	86.7 (60)			96.2 (78)		-			97.7 (86)	91.5 (118)												-	87.6 (113)	-
	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	51				- [e]											-							- [e]																							- [e]	- [e]
	Citrobacter freundii	109			R	R	R	91.4 (70)	R	R	R	R	90.7 (43)	74.7 (87)	-	75 (88)	-	75.5 (49)	-	-		R	93.3 (60)	89.1 (46)	98.9 (91)		- [u]	85.1 (87)		-	- [u]	-	100 (95)	89.7 (107)		-								- [u]	-	75.3 (93)	-
	Enterobacter cloacae	864			R	R	R	76.5 (634)	R	R	R	R	83.3 (432)	52.8 (612)	-	63.7 (639)	-	66.1 (439)	-	-		R	83.4 (547)	92.4 (397)	93.6 (763)	- [WT]	- [u]	73.6 (663)		73.2 (272)	58 [u] (112)	-	94.5 (788)	76.3 (853)		-								- [u]	-	68 (613)	68.2 (85)
	Enterobacter spp.	148			7.8 (77)	23.1 (143)	-	87.9 (66)	7.7 (78)	17.9 [u] (78)	-	-	81 (79)	64.9 (97)	-	75 (124)	-	69.1 (94)	-	-		42.9 (35)	97 (67)	95.2 (42)	99.1 (109)		- [u]	83.3 (108)		90.3 (31)	- [u]	-	100 (131)	88.7 (133)		-								- [u]	-	77.4 (124)	-
	Escherichia coli (all isolates)	5,573			21.5 (2516)	72.6 (5380)	-	94.2 (4293)	46.3 (2520)		57.8 (1016)	-	93.2 (2433)	60.4 (3671)	-	69.9 (4514)	-	59.3 (3060)	-	60.6 (241)		88.4 (640)	96.7 (3735)	97 (2803)	97.5 (4766)	- [WT]		55.5 (4654)		58.2 (1477)		41.9 (172)	48.6 (4945)	69.4 (5460)		-									-	46.2 (3720)	34.1 (639)
	(Urine)	3,257			20.3 (1496)	70.3 (3148)	-	93.1 (2522)		59.8 [u] (2520)	55.5 (609)	-	92 (1357)	58.3 (2200)	-	67.9 (2638)	-	57.2 (1741)	-	58.6 (133)		96.5 (2202)	96.5 (2202)	97 (1640)	97.3 (2681)	- [WT]	- [u]	46.6 (2736)		48 (844)	49.7 [u] (1511)	42.2 (192)	98.3 (2778)	66.9 (3203)		-				- [u]				88.4 [u] (346)	-	43.8 (2292)	32.5 (345)
	(Urine-inpatient)	895			16.8 (578)	67.1 (893)	-	92.6 (891)		53.3 [u] (578)	-	-	92.8 (724)	56.3 (410)	-	65.1 (895)	-	51.2 (486)	-	-		-	96.2 (783)	96.8 (894)	97.1 (890)	- [WT]	- [u]	44.7 (895)		47.5 (200)	44.4 [u] (565)	-	98.1 (894)	65.4 (894)		-				- [u]				- [u]	-	43.1 (576)	25 (148)
	(Urine-outpatient)	192			13.6 (103)	73.4 (192)	-	95.3 (192)		53.4 [u] (103)	-	-	93.3 (89)	-	-	71.9 (192)	-	57.8 (192)	-	-		-	100 (165)	100 (191)	100 (191)	- [WT]	- [u]	37 (192)		43.9 (57)	34 [u] (103)	-	96.9 (192)	66.5 (191)		-				- [u]				- [u]	-	40.8 (103)	24.1 (87)
	Haemophilus influenzae (all isolates)	289			52 (273)	81.1 (164)	-	-			-	-		97.4 (234)	-	90 (30)	-	97.4 (114)	-	-			-	94.5 (109)	100 (30)			100 (129)		-		-													81.8 (159)	41.2 (243)	61 (100)
	(age 0-5 years old)	33			45.5 (33)	-	-	-			-	-		-	-	-	-	-	-	-			-	-	-			-		-		-														-	-	-
	(age > 5 years old)	258			53.3 (242)	81.6 (147)	-	-			-	-		97.6 (209)	-	-	-	98.1 (103)	-	-			-	94.8 (96)	-			100 (112)		-		-													81.8 (143)	42.5 (219)	60.2 (88)
	(CSF)	-			-	-	-	-			-	-		-	-	-	-	-	-	-			-	-	-			-		-		-														-	-	-
	(Sterile sites) [b]	36			64.7 (34)	-	-	-			-	-		-	-	-	-	-	-	-			-	-	-			-		-		-														-	-	-
	(Non-sterile sites) [c]	264			50.4 (250)	81.7 (153)	-	-			-	-		97.7 (217)	-	-	-	97.1 (105)	-	-			-	94.6 (93)	-			100 (110)		-		-													80.8 (146)	40.4 (225)	59.8 (87)
	Enterobacter aerogenes	167			R	R	R	90.4 (83)	R	R	R	R	98.6 (73)	75.5 (139)	-	84.6 (123)	-	84.1 (88)	-	-		R	94.9 (78)	97.4 (38)	97.3 (147)	- [WT]	- [u]	93.2 (103)		92 (50)	- [u]	-	100 (144)	94 (166)		-								- [u]	-	85.1 (141)	-
	Klebsiella oxytoca	133			11.5 (52)	78.6 (131)	-	92.7 (82)	35.2 (71)	76.1 [u] (71)	56.1 (41)	-	96.5 (57)	75.9 (108)	-	85.9 (92)	-	78.7 (61)	-	-		90.3 (31)	96.1 (77)	100 (38)	98.2 (117)		- [u]	90.8 (87)		84.4 (32)	- [u]	-	98.3 (121)	86.4 (132)		-								- [u]	-	73.2 (97)	-
	Klebsiella pneumoniae (all isolates)	3,170			R	64.2 (3002)	-	82.5 (2309)	58.7 (1317)	64.4 [u] (1317)	53.2 (671)	-	82.2 (1434)	63.2 (2150)	-	68.4 (2435)	-	65 (1762)	-	72.3 (159)		83.6 (397)	89.1 (2100)	92.1 (1313)	92 (2727)	- [WT]	- [u]	72.7 (2495)		77.7 (862)	59 [u] (378)	42.9 (42)	95.7 (2863)	85.6 (3053)		-								39.8 [u] (83)	-	65.7 (2004)	64.5 (279)
	(ICU)	119			R	55.1 (118)	-	86.4 (118)	43.9 (41)	43.9 [u] (41)	-	-	76.9 (117)	45.2 (42)	-	57.6 (118)	-	60.5 (76)	-	-		-	92.6 (95)	92.4 (118)	92.4 (118)	- [WT]	- [u]	71.2 (118)		89.6 (48)	- [u]	-	93.2 (118)	83.8 (117)		-								- [u]	-	46.3 (41)	-
	(inpatient)	782			R	60.1 (777)	-	80.9 (775)	55.3 (463)	60 [u] (463)	-	-	75.3 (652)	63.9 (338)	-	60.7 (776)	-	52.6 (439)	-	-		-	88.8 (651)	89.3 (774)	89.1 (779)	- [WT]	- [u]	67.3 (777)		82.8 (203)	53.3 [u] (135)	-	91.9 (778)	82.6 (777)		-								- [u]	-	62.7 (461)	64 (111)
	(outpatient)	94			R	67.7 (93)	-	83.9 (93)	48.5 (33)	51.5 [u] (33)	-	-	89.8 (59)	-	-	69.9 (93)	-	67.7 (93)	-	-		-	93 (71)	93.5 (92)	92.5 (93)	- [WT]	- [u]	68.8 (93)		76.9 (39)	- [u]	-	90.3 (93)	90.2 (92)		-								- [u]	-	69.7 (33)	-
	Morganella morganii	144			R	R	-	97.1 (102)	R	R	R	R	96 (50)	84.3 (89)	-	89.3 (84)	-	81 (42)	-	-		63.6 (11)	97.7 (86)	77.2 (57)	97.4 (115)	R	- [u]	94.4 (108)		94.2 (52)	- [u]	-	100 (124)	92.3 (143)		-								R	-	81.2 (112)	
	Neiseria meningitidis	-		-	- [e]									-	-			-	-						-			-		- [e]																-	-	
	Proteus mirabilis	735			57.9 (297)	86.7 (715)	-	98.5 (526)	40.8 (309)	79.9 [u] (309)	81.1 (169)	-	98.9 (367)	83.7 (486)	-	95.2 (565)	-	86.6 (382)	-	97.4 (38)		92.5 (106)	98 (445)	97.2 (322)	98.2 (628)	R	- [u]	78.2 (591)		81.1 (249)	78.9 [u] (114)	-	99.4 (654)	81.9 (722)		-								R	-	63.5 (501)	R
	Proteus vulgaris	191			R	57 (179)	-	99.3 (144)	R	R	R	R	99 (98)	83.5 (139)	-	94.2 (171)	-	86.3 (124)	-	-		87.5 (32)	97.5 (122)	87.4 (87)	99.4 (179)	R	- [u]	85.4 (151)		95.2 (42)	- [u]	-	100 (183)	88.4 (100)		-								R	-	71.6 (116)	R
	Providencia rettgeri	40			R	R	-	-	R	R	-	-	-	77.1 (35)	-	-	-	-	-	-		-	-	-	97.2 (36)	R	- [u]	-		-	- [u]	-	94.4 (36)	92.5 (40)		-								R	-	83.3 (30)	R
	Providencia stuartii	-			R	R	-	-	R	R	-	-	-	-	-	-	-	-	-	-		-	-	-	-	R	- [u]	-		-	- [u]	-	-												R	-	-	R

Gram negative	*Providencia* spp.	-			-	-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-		-	-	-	-		- [u]	-		-	- [u]	-	-	-		-									- [u]	-	-	-
	Pseudomonas aeruginosa	1,927			R	R	R	82.8 (1520)						R	R	83.4 (1804)	-	R	R	83.3 (144)			R	83.4 (1045)	81.9 (1732)	- [e]		85.7 (1675)		82.4 (607)	57.1 [u] (140)	35.5 (31)	94.9 (1715)	85.9 (1443)		-										R	R	R
	Salmonella , Typhoidal	-			-								-	-	-	-	-	-	-								- [u]	-	-	- [e]		- [e]														-	-	
	Salmonella , Non-typhoidal	376			37.4 (257)								94.7 (38)	84.2 (133)	-	79.1 (67)	-	81.4 (86)	-								- [u]	57.3 (185)	-	- [e]		- [e]														78.8 (85)	81.6 (342)	
	Serratia marcescens	118			R	R	R	90.4 (83)	R	R	R	R	100 (43)	93.7 (63)	-	94.1 (68)	-	93 (43)	-	-		R	92.3 (78)	100 (43)	97.9 (97)	R	- [u]	98.8 (83)		98 (49)	- [u]	-	99 (99)	98.3 (116)		-									R	-	100 (73)	-
	Shigella spp.	-			-																						-	-		-	- [u]	-															-	
	Stenotrophomonas maltophilia	204			R	R	R	R						R	R		-	R	R				R	R	R					94 (83)			R	R	R	R				R						- [e]	95.6 (180)	
	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*	1,219	74.6 (1088)	-	96.9 (1014)				R	R	R	R	R	R	R	R	R	R	R	R							23.8 [u] (185)	- [u]	- [u]	34.2 [u] (559)		R	R	47.2 [h] (358)	R	98.3 (1087)	-	15.2 (33)	- [u]	R	R	17.3 (342)	-	- [u]	47.9 (211)	R	13.9 [u] (281)
	Enterococcus faecium	699	5.3 (585)	-	5.9 (591)				R	R	R	R	R	R	R	R	R	R	R	R							5.2 [u] (77)	- [u]	- [u]	5.6 [u] (342)		R	R	74.7 [h] (277)	R	91.3 (631)	-	-		R	R	5.1 (117)	-	- [u]	88.1 (84)	R	2.5 [u] (163)
	Enterococcus spp.	239	40.9 (171)	-	52.7 (110)																						17.7 [u] (79)	- [u]	- [u]	16.9 [u] (59)				[h]		96.7 (209)	-	-				20.6 (34)	-	- [u]	-		- [u]
	Staphylococcus aureus (all isolates)	1,666	11.1 (857)	-																	95.5 [f] (1468)						88.5 (286)	-	89.5 (313)	88.9 [u] (45)	97.9 (96)		93.7 (681)				-	- [e]		90.4 (1547)	-	86 (1397)	-	- [u]	99.7 (300)	97.4 (1364)	62.7 (357)
	(MRSA)	71	0 (31)	-																	0 [f] (71)						-	-	-	- [u]	-		33.3 (42)				-	- [e]		23.2 (69)	-	20 (65)	-	- [u]	-	85.7 (63)	-
	(MSSA)	1,409	11.7 (824)	-																	99.9 [f] (1409)						98.6 (208)	-	98.3 (236)	90.7 [u] (43)	98.9 (93)		97.5 (634)				-	- [e]		94.7 (1332)	-	91.8 (1210)	-	- [u]	100 (282)	99.2 (1179)	58.5 (299)
	(ICU)	41	-	-																	97.4 [f] (39)						-	-	-	- [u]	-		-				-	- [e]		92.7 (41)	-	-	-	- [u]	-	-	-
	(inpatient)	459	15.4 (318)	-																	96 [f] (453)						-	-	-	- [u]	-		-				-	- [e]		93.4 (456)	-	86.5 (355)	-	- [u]	-	95.8 (311)	49.5 (93)
	(outpatient)	60	18.8 (32)	-																	98.3 [f] (58)						-	-	-	- [u]	-		-				-	- [e]		95 (60)	-	89.7 (39)	-	- [u]	-	100 (32)	-
	Staphylococcus, coagulase negative	2,011	13.6 (1272)	-																	47.6 [f] (1865)						51 (504)	-	52.8 (521)	55.3 [u] (94)	72.6 (113)		68.6 (846)				-	- [e]		53.6 (1907)	-	46 (1768)	-	- [u]	88.1 (311)	66.7 (1810)	57.1 (483)
	Staphylococcus, coagulase negative (blood)	1,325	14.4 (862)	-																	46.8 [f] (1249)						47.3 (319)	-	49.1 (328)		-		64.2 (439)				-	- [e]		51.5 (1317)	-	44 (1210)	-	[u]	89 (127)	65.7 (1175)	59.8 (306)
	Streptococcus agalactiae	73	100 (68)	-	100 (46)									100 (69)	-			-	-	-										-		-				98.4 (63)				-	-	78 (41)	-		-		-
	Streptococcus, β-hemolytic not Group A,B	65	92 (50)	-	-									97.4 (38)	-			-	-	-										-		-				100 (32)				83.3 (36)	-	71.2 (52)	-		-		-
	Streptococcus pyogenes	242	99 (205)	-	100 (70)									97.5 (118)	-			98.9 (95)	-	-										93.3 (45)		-				98.8 (165)				88 (167)	-	85.8 (219)	-		93.7 (63)		38.3 (47)
	Streptococcus pneumoniae (all isolates)	363	65.8 [d] (202)	-		- [e]					- [e]	- [e]																		96.7 (121)		-				99.4 (309)				75.5 (290)	-	63.2 (304)	-		94.8 (115)	47.7 (287)	38.4 (125)
	(age 0-5 years old)	-	- [d]	-		- [e]					- [e]	- [e]																		-		-				-				-	-	-	-		-	-	-
	(age > 5 years old)	325	68.3 [d] (186)	-		- [e]					- [e]	- [e]																		97.1 (104)		-				100 (272)				75.4 (260)	-	64.5 (282)	-		94.3 (106)	48.7 (267)	37.9 (116)
	(Sterile sites) [b]	105	73.1 [d] (67)	-		- [e]					- [e]	- [e]																		91.2 (34)		-				98.9 (87)				75 (84)	-	71.9 (96)	-		97.3 (37)	53.9 (89)	40.5 (42)
	(Non-sterile sites) [c]	278	63.5 [d] (148)	-		- [e]					- [e]	- [e]											-							98.9 (94)		-				99.2 (237)				76.3 (219)	-	61.2 (227)	-		93 (86)	46.8 (216)	37.8 (90)
	(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