

Percentage of susceptible Organisms Isolated From All Specimen, RMSc 4, 9 hospitals, Jan - Dec 2017

Organism		TOTAL ISOLATES		BETA-LACTAMS												CARBAPENEMS			POLYMYXINS		QUINOLONES			AMINOGLYCOSIDES			GLYCOPEPTIDES			MISCELLANEOUS														
		PENCILLIN	PENCILLIN BY MIC	AMPCILLIN	AMPCILLIN/CLAVULANIC ACID	AMPCILLIN/SUBBACTAM	PPERACILLIN/TAZOFACITAM	CEFAZOLIN(A)	CEFAZOLIN(U)	CEFUROMIXE SODIUM (parenteral)	CEFUROMIXE SODIUM (Oral)	CEFOFENAZONE / SUBBACTAM	CEFOFENAZONE BY MIC	CEFOFENAZINE	CEFTAZIDIME	CEFTAZIDIME BY MIC	CEFTRAKONE	CEFTRAKONE BY MIC	CEFEPIME	OXAICILLIN	CEFOXTIN	ERTAPEPEN	IMIPENEM	MEROPENEM	COLISTIN BY MIC	NALIDIXIC ACID	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	CHLORAMPHENICOL	CO-TRIMOXAZOLE
<i>Acinetobacter calcoaceticus-baumannii complex</i>	4,157			26.2 (627)	31.1 (2031)					4.2 (1201)	-	29.8 (3080)	-	4.1 (1499)	-					28 (2841)	28 (2871)	100 ^a (99)	-	26.8 (3130)	-	16.4 (725)	-	47.6 (2760)	37 (2949)	0 ^a (1457)									35.5 (1954)					
<i>Acinetobacter</i> spp.	809			39.1 (87)	14.6 (677)					22.3 (112)	-	21.5 (775)	-	20.1 (234)	-					20.4 (725)	18.6 (742)	-	^a	22.2 (776)	-	70.5 (78)		23.2 (710)	22.1 (760)	0 ^a (160)								61.8 (173)						
<i>Aeromonas hydrophila</i>	115				80.6 (36)	90.2 (51)				87.5 (64)	-	92.4 (66)	-	93.6 (47)	-					39.4 (33)	-			83.6 (73)	-			100 (65)	92.2 (64)									80 (90)						
<i>Burkholderia cepacia</i> complex	112											93.4 (91)	-								92.1 (89)	-																88.3 (94)						
<i>Burkholderia pseudomallei</i>	57			- ^a																																		42.6 ^a (54)	- ^a					
<i>Citrobacter freundii</i>	113				84.9 (73)					88.2 (51)	76.2 (80)	-	81.4 (102)	-	73.6 (72)	-				-	87.2 (105)	92.1 (103)	-	^a	79.6 (103)	-	-	-	98.9 (88)	86 (100)	94.3 (35)									- ^a	73.3 (86)			
<i>Enterobacter aerogenes</i>	301				72.3 (177)					78.3 (152)	55.2 (248)	-	69.9 (269)	-	57 (193)	-				-	80.8 (240)	82.9 (181)	- ^a	^a	75.1 (269)	-	-	75.5 ^a (49)	69.3 (88)	95.5 (200)	79 (257)									- ^a	74.9 (255)			
<i>Enterobacter cloacae</i>	802				81.9 (447)					87.5 (329)	58.1 (652)	-	65.5 (681)	-	61.2 (485)	-				-	88.8 (1107)	90.5 (5010)	- ^a	^a	73.4 (529)	73.4 (359)	88.2 (673)	86.2 (58)	57.9 ^a (121)	80.9 (141)	97.9 (571)	78.3 (646)	84.4 (243)									- ^a	66.8 (624)	
<i>Enterobacter</i> spp.	280	7 (100)	13.6 (176)	41.9 (62)	88.5 (226)	15.1 (93)	- ^a	-	-	88.2 (221)	60.7 (196)	-	72.6 (234)	-	66.8 (229)	-				-	41.9 (201)	89.6 (200)	-	^a	73.7 (247)	-	-	- ^a	64.8 (54)	97.9 (194)	88.6 (220)	89.4 (151)								- ^a	71.7 (138)			
<i>Escherichia coli</i> (all isolates)	8,155	11.4 (4153)	68.8 (4898)	51.1 (1086)	92.1 (4642)	31.6 (1985)				49.8 (2266)	-	92.1 (3499)	51.8 (5848)	-	63.8 (6476)	-	52.1 (5010)	-		-	86.4 (1107)	92.2 (490)	96.2 (4847)	96.8 (3764)	- ^a	44.8 (6508)	-	50.7 (807)	49.3 (54)	98.8 (194)	60.7 (220)	93.8 (2852)								- ^a	40.5 (5525)			
(Urine)	5,106	11.7 (2558)	67.6 (2783)	49.3 (611)	90.8 ^b (2923)	46.1 ^a (1915)	49.7 (1536)	-	-	90.6 (2066)	50.4 (3690)	-	62.4 (4066)	-	50 (3110)	-	60.5 (86)	-		-	86.1 (627)	94.6 (328)	96.1 (3011)	96.1 (2320)	- ^a	36.8 (4095)	-	42.7 (478)	40.3 ^a (3100)	41.3 (407)	98.5 (3964)	59.7 (1684)	93 (849)	98.8 ^a (849)							- ^a	38.7 (3524)		
(Urine-inpatient)	1,854	8 (526)	66.2 (977)	58.2 (220)	87 (1262)	43.7 ^a (1005)	39.9 (569)	-	-	91.4 (743)	45.2 (1529)	-	60 (1472)	-	47.6 (58)	-	62.1 (224)	-		-	88.8 (104)	93.6 (1014)	94.4 (1170)	- ^a	36.9 (1564)	-	44.4 (313)	39.1 ^a (829)	97.7 (1556)	58.7 (1512)	94.4 (702)								- ^a	34.3 (1303)				
(Urine-outpatient)	549	11.9 (310)	53.6 (360)	-	93.8 (416)	44.4 ^a (232)	41 (134)	-	-	93.8 (113)	49.2 (457)	-	62.8 (492)	-	47.1 (257)	-		-	99.1 (228)	99.4 (362)	99.2 (385)	99.2 (494)	- ^a	32 (74)	-	32.4 (399)	33.6 ^a (489)	94.4 (475)	54.7 (316)	92.1 (316)								- ^a	35.6 (461)					
<i>Haemophilus influenzae</i> (all isolates)	318	55.8 (303)	91.2 (294)	-	100 (35)	84.3 (102)	-	-		98.1 (268)	-	98.3 (59)	-	98.6 (142)	-				-	100 (40)	97.5 (121)	-		100 (59)	-	98.4 (64)	-									88.6 (79)	47.1 (208)	66.1 (127)						
(age 0-5 years old)	65	56.5 (62)	90.9 (55)	-							98.1 (52)	-	97.1 (35)	-	97.1 (35)	-				-	100 (59)	97.5 (59)	-		100 (59)	-	98.4 (59)	-								- ^a	53.2 (47)	65.6 (32)						
(age > 5 years old)	214	52.5 (202)	88.6 (201)	-	-	85.2 (81)					98.3 (177)	-	97.4 (39)	-	99.1 (109)	-				-	100 (32)	95.1 (61)	-		100 (183)	-	98.4 (183)	-								- ^a	86.7 (60)	45.7 (162)	66.3 (95)					
(Non-sterile sites) ^c	300	55.6 (286)	91.4 (279)	-	100 (32)	83.5 (97)	-	-		98 (256)	-	98.1 (53)	-	98.4 (127)	-				-	100 (34)	97.4 (114)	-		100 (226)	-	98.4 (61)	-								- ^a	89.6 (77)	46.9 (192)	67.5 (120)						
<i>Klebsiella oxytoca</i>	111	3.2 (62)	86.4 (59)	45.7 (35)	85 (80)	35 (40)	42.9 ^a (35)	64.3 (42)	-	82 (61)	64.9 (94)	-	68 (100)	-	57.1 (84)	-		-	65.7 (35)	89.5 (76)	89.2 (65)	- ^a	56.3 (103)	-	35.5 ^a (31)	97.5 (80)	70.7 (99)	82 (50)								- ^a	58 (88)							
<i>Klebsiella pneumoniae</i> (all isolates)	5,558	61 (3865)	45.6 (744)	73.8 (315)	46.8 (2600)	34.4 ^a (867)	55.8 (1746)	-	-	74.8 (2562)	55 (4273)	-	54.2 (4630)	-	72.6 (3731)	-		-	76.1 (886)	90.5 (222)	83.1 (3543)	78.5 (2820)	- ^a	59.9 (4645)	-	58.3 (602)	44.5 ^a (1008)	56.1 (553)	89.8 (4164)	76.8 (4531)	79.5 (1829)								- ^a	54.8 (3988)				
(ICU)	108	23.2 (82)	-	13.3 (60)	-	13.3 (67)	- ^a	-	-	22.4 (67)	17.1 (82)	-	19.5 (82)	-	9 (67)	-		-	56.1 (67)	52.4 (67)	52.4 (67)	- ^a	24.4 (82)	-	25.4 (67)	-	68.3 (82)	58.2 (79)	58 (69)								- ^a	20.7 (82)						
(inpatient)	2,495	52.7 (1912)	53.6 (194)	69.5 (445)	41.2 (895)	31.5 ^a (994)	43.1 (1755)	-	-	74.1 (2079)	47.1 (2033)	-	51.8 (2003)	-	49.5 (76)	-		-	89.1 (330)	87 (151)	77.7 (149)	77.7 (1632)	- ^a	53.7 (2105)	-	56.5 (462)	35.1 ^a (376)	86.6 (262)	76.8 (2057)	81.8 (847)								- ^a	47.9 (1748)					
(outpatient)	265	67.7 (220)	-	84.3 (210)	68.8 (125)	43.9 ^a (57)	77.9 (68)	-	-	85.9 (64)	72.9 (221)	-	76.4 (242)	-	73.7 (133)	-		-	91.4 (105)	93 (172)	93 (184)	- ^a	66.3 (243)	-	47.3 ^a (74)	-	94.9 (235)	86.1 (231)	91 (144)								- ^a	64.8 (213)						
<i>Morganella morganii</i>	237				-	97.4 (151)					91.7 (72)	75.1 (169)	-	83.8 (204)	-	81.6 (125)	-		-	51.4 (138)	100 (95)	-		72.1 (62)	-	62.9 ^a (62)	-	99.5 (204)	71.6 (197)	93.9 (66)								- ^a	57.5 (179)					
<i>Proteus mirabilis</i>	1,370	47.7 (862)	86 (1070)	87.3 (142)	97.6 (762)	38.8 (472)	53 ^a (313)	71.2 (631)	-	97.2 (579)	75.8 (191)	-	88.1 (1322)	-	76.3 (947)	-		-	93.5 (123)	100 (51)	89.9 (87)	98.7 (639)	- ^a	68.8 (121)	-	68.8 (218)	71.8 (507)	99.6 (1244)	77.6 (457)	88.4 (457)								- ^a	50.7 (1211)					
<i>Proteus vulgaris</i>	273	61.2 (201)	66.7 (36)	98.1 (157)							94.8 (172)	61.4 (253)	-	84.2 (265)	-	87.1 (233)	-		-	86 (43)	87.5 (192)	99.3 (153)	- ^a	68.8 (269)	-	63.3 (79)	60.8 ^a (354)	71.4 (35)	98.8 (244)	79.9 (259)	90.2 (122)								- ^a	56 (243)				
<i>Providencia rettgeri</i>	131				-	95.1 (102)					54.5 (77)	95 (40)	72.2 (115)	-	78.4 (108)	-		-	93 (57)	97.6 (47)	-		93.6 (125)	-	4.6 (125)	-	98.4 (123)	75.4 (122)	-							- ^a	57.3 (117)							
<i>Providencia stuartii</i>	83				-	-				-	97.1 (35)	81.7 (60)	-	77.8 (63)	-	82.9 (35)	-		-	82 (61)	100 (52)	-		55.6 (63)	-	40 (30)	-	100 (62)	96.5 (86)	100 (32)								- ^a	69.8 (63)					
<i>Providencia</i> spp.	61	-	9.3 (54)	-	100 (34)	2.9 (34)	- ^a	-	-	93.8 (32)	80.4 (56)	-	78.9 (57)	-	89.1 (55)	-		-	89.1 (60)	-	-		- ^a	43.3 (60)	-	-	- ^a	100 (61)	73.2 (56)	-							- ^a	50 (50)						
<i>Pseudomonas aeruginosa</i>	3,820				84.3 (2668)						84.1 (3547)	-	84.1 (34)	-	79.4 (34)	-		-	81																									

Gram positive	<i>Enterococcus faecalis</i>	1,202	65.6 (262)	-	96.1 (1127)												30.7 ^w (378)	- ^w	50.7 ^w (67)	40.1 ^w (574)			60.3 ^w (1029)	99.1 (1183)	-	99.2 (358)	93.2 ^w (672)			25.5 (137)	-	90.6 ^w (32)	-	14.3 ^w (63)		
	<i>Enterococcus faecium</i>	1,051	4.5 (134)	0 (63)	16.8 (981)												3.1 ^w (485)	- ^w	1.8 ^w (56)	3.3 ^w (492)			59.5 ^w (847)	89.7 (1006)	-	79.5 (312)			9.1 (121)	-	40.5 ^w (42)	-	3.2 ^w (94)			
	<i>Enterococcus</i> spp.	538	43.5 (46)	-	69.2 (500)												- ^w	- ^w	- ^w	25.8 ^w (368)			60.8 ^w (489)	99 (518)	-	-		-	- ^w	-	- ^w					
	<i>Staphylococcus aureus</i> (all isolates)	3,002	8.9 (1725)	0 (169)													87.5 (1238)	-	91.3 ^w (353)	87 (91)	100 (108)	-	91.4 (2257)	100 (121)	-	98.7 ^w (618)	82.9 (2727)	-	79.9 (2780)	-	- ^w	-	96.4 (2726)	53.8 (734)		
	(MRSA)	388	0 (234)	-													20 (160)	-	23.3 ^w (30)	-	-	-	34.8 (287)			100 (69)	98.2 ^w (109)	-	17.2 (344)	-	- ^w	-	81.9 (349)	33.3 (84)		
	(MSSA)	2,621	10.1 (1516)	0 (138)													100 ^t (2621)		97 (1075)	99.7 (319)	95.8 ^w (72)	100 (94)	-	98.8 (1995)	100 (106)	-	99 ^w (508)	91.8 (2399)	-	88.3 (2451)	-	- ^w	-	98.5 (2403)	56.2 (642)	
	(inpatient)	1,202	8 (387)	-													67.3 ^{t,f} (1176)		84 (593)	-	- ^w	-	91.3 (756)	100 (97)	-	98.6 ^w (504)	80.1 (1031)	-	76.7 (1083)	-	- ^w	-	95.4 (1034)	46 (124)		
	(outpatient)	196	19 (58)	-													91.3 ^t (195)		90.5 (84)	-	- ^w	-	92.3 (104)		-	98 ^w (50)	84.6 (182)	-	78.8 (184)	-	- ^w	-	93.7 (127)	-		
	<i>Staphylococcus</i> , coagulase negative	2,969	13.3 (1620)	0 (598)													40 ^{t,f} (2854)		53.1 (978)	-	72.3 (47)	48.9 ^w (137)	56 (166)	-	72.5 (2207)	93.5 (31)	-	97.4 ^w (464)	47 (2736)	-	36.4 (2755)	-	- ^w	-	62.9 (2784)	53.6 (838)
	<i>Staphylococcus</i> , coagulase negative (blood)	2,002	16.2 (1120)	0 (429)													42.5 ^{t,f} (1923)		52.6 (686)	-	67.7 (31)	55.9 (102)	74.8 (1489)	-	-	97.9 ^w (292)	49 (1978)	-	37.7 (1971)	-	-	-	62.7 (1893)	61.7 (580)		
	<i>Streptococcus agalactiae</i>	50	100 (41)	-	100 (11)												-	-	-	-	-		100 (30)			94.4 (36)	-	91.9 (37)	-	-	-	-				
	<i>Streptococcus</i> , β-hemolytic not Group A,B	114	97.9 (97)	-	100 (53)												98.2 (56)	-	100 (44)	-	-	-		100 (100)			87.8 (74)	-	89.6 (96)	-	-	-	-			
	<i>Streptococcus pyogenes</i>	381	98 (305)	0 (40)	95.7 (138)												97.6 (123)	-	98.1 (104)	-	-	-	99.2 (123)	-		99.4 (320)			86.5 (319)	-	89.2 (353)	-	-	15.5 (97)		
	<i>Streptococcus pneumoniae</i> (all isolates)	428	64.9 ^d (251)	22.9 ^d (96)	- ^e												- ^e	- ^e	- ^e			98.3 (116)	-		99.7 ^w (367)			64.5 (233)	-	57.9 ^w (356)	-		81.9 (83)	40.9 (318)	17.5 (103)	
	(age 0-5 years old)	66	57.1 ^d (42)	-	- ^e												- ^e	- ^e	- ^e			-	-		100 (51)			64 (50)	-	59.6 ^w (52)	-	- ^w	40.8 (49)	-		
	(age > 5 years old)	335	64.1 ^d (195)	28 (68)	- ^e												- ^e	- ^e	- ^e			98.6 (74)	-		99.7 ^w (286)			64.6 (243)	-	58.6 ^w (273)	-		80 (75)	40.3 (268)	16.7 (84)	
	(Sterile sites) ^b	110	81 ^d (63)	31.4 ^d (35)	- ^e												- ^e	- ^e	- ^e			-	-		100 (105)			68.9 ^w (74)	-	66.7 ^w (96)	-	-	52.9 ^w (87)	-	15.2 (33)	
	(Non-sterile sites) ^c	338	59.7 ^d (201)	18.4 ^d (65)	- ^e												- ^e	- ^e	- ^e			98 (101)	-		99.6 ^w (281)			63.1 ^w (233)	-	55.6 ^w (279)	-		81.6 ^w (76)	36.7 (248)	17.8 (73)	
	(Meningitis: by E-test)	-	22.9 ^d (96)	-													90.6 ^w (32)	- ^e	- ^e	- ^e																
	(Nonmeningitis: by E-test)	-	61.4 ^d (96)	- ^e												96.9 ^w (32)	- ^e	- ^e	- ^e																	

^a : No CLSI Interpretive Criteria. Interpret according to cefoperazone/sulbactam in *Enterobacteriaceae*^b : Blood, Pleural Fluid^c : Sputum, Ear, Sinus^d : Interpret according to oxacillin susceptibility test^e : MIC Interpretive Criteria^f : Interpret according to cefotaxin susceptibility test^g : High-Level Aminoglycoside^h : Urine, Urine Catheter, Urine Clean- Voided

WT : Wild-type