

**Percentage of susceptible bacteria, 65 hospitals , Jan - DEC 2015**

Organism	TOTAL ISOLATES	BETA - LACTAMS												CARBAPENEM		POLYMYXINS		QUINOLONES		AMINOGLYCOSIDES		GLYCOPEPTIDES		MISCELLANEOUS																			
		PENICILIN	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPCILLIN/SULBACTAM	PIPERACILLIN/TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEPHALOTHIN	CEFUROXIME SODIUM (parental)	CEFUROXIME SODIUM (Oral)	CEFORPENAMESULBACTAM <sup>a</sup>	CEFTAZIDIME	CEFTRAZONE	CEFEPMIE	OXAICLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 1/20 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY E TEST	TEICOPOLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	INTROFURANTIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE			
<i>Acinetobacter calcoaceticus-baumannii</i> complex	22,247	-	-	-	27.3 (6453)	30.2 (16157)	-	-	-	-	36.4 (16702)	2.3 (10996)	2.6 (20457)	28.6 (10617)	-	-	28.6 (15834)	27.6 (19653)	-	26.1 (18200)	25.6 (25)	43.7 (21056)	34 (19853)	-	-	-	-	-	-	-	-	-	-	-	-	36.5 (16060)	22.8 (2450)	-	-				
<i>Acinetobacter</i> spp.	3,536	-	-	-	65.6 (256)	30.2 (1461)	-	-	-	-	39.7 (16702)	5.1 (2436)	31.8 (2907)	6.7 (2157)	16.3 (732)	-	-	32.9 (2751)	34.4 (2756)	-	32.1 (2726)	75.4 (338)	-	46.7 (2935)	37.8 (2935)	-	-	-	-	-	-	-	-	-	-	-	42.1 (2571)	41.1 (73)	-	-			
<i>Citrobacter freundii</i>	722	-	6 (502)	19.4 (561)	53.4 (146)	85.9 (405)	11.1 (162)	20.3 (34)	2.9 u (41)	58.2 (556)	42.9 (268)	85.2 (379)	68.7 (591)	73.9 (598)	71.4 (391)	-	22.8 (158)	90 (499)	95 (515)	-	78.8 (576)	82.6 (195)	63.8 u (177)	72 (25)	97.5 (610)	84.1 (671)	-	88.6 (44)	-	-	-	-	-	-	-	-	85.7 (21)	66.7 (15)	72.1 (628)	67.2 (58)			
<i>Enterobacter aerogenes</i>	1,473	-	1.1 (1063)	6.8 (1255)	37.6 (242)	80.4 (710)	2.6 (417)	15.7 (51)	4.8 u (42)	50.9 (556)	14 (121)	85.7 (767)	63.3 (1235)	67.6 (1241)	64.8 (975)	78 (186)	-	11.3 (485)	92.4 (237)	92.6 (984)	97.2 (1007)	-	81.9 (1074)	89.6 (364)	77.7 u (175)	75.8 (33)	96.6 (1276)	81.3 (182)	-	89 (246)	-	-	-	-	-	-	-	25.9 (27)	75 (12)	76.4 (1216)	62.3 (69)		
<i>Enterobacter cloacae</i>	5,252	-	2.4 (3852)	5.3 (4314)	35 (982)	81.1 (284)	2.5 (147)	4.4 (227)	3.5 u (142)	53.4 (2074)	0 (38)	83.9 (3167)	61.6 (4169)	65.4 (4280)	67.6 (3207)	76.2 (533)	-	5.4 (1361)	86.6 (614)	93 (3459)	96.6 (3832)	-	78.5 (4258)	89.1 (1601)	56.6 u (682)	64.2 (109)	95.8 (4542)	78.9 (4805)	-	87.9 (611)	-	-	-	-	-	-	-	45.2 (62)	75.8 (161)	70.8 (405)	72.2 (230)		
<i>Enterobacter</i> spp.	1,771	-	3.3 (967)	10.9 (1130)	28.7 (87)	83.7 (970)	4 (453)	17 (47)	3.6 u (28)	37.5 (253)	8.9 (146)	85.9 (1111)	62.6 (1527)	70.7 (629)	65 (994)	85.9 (205)	-	11.7 (480)	95.1 (1162)	90.3 (1314)	96 (11)	-	80.5 (1407)	80 (360)	49.4 u (172)	63.6 (11)	95 (1562)	79.4 (1655)	-	95 (219)	-	-	-	-	-	-	-	55.6 (9)	78.7 (47)	73.5 (1356)	61.6 (232)		
<i>Escherichia coli</i> (all isolates)	45,296	-	13.5 (32922)	64.4 (36025)	54.4 (6592)	90.6 (25225)	32.4 (8354)	-	-	51.7 (14543)	33.8 (1717)	88.9 (25678)	54.5 (36468)	62.5 (37928)	54.8 (28350)	60.7 (6357)	-	88 (13296)	98.4 (4923)	98.4 (29288)	98.8 (32265)	-	46.9 (33720)	47.1 (13351)	-	-	97.5 (37722)	65.9 (40958)	-	90.7 (6295)	-	-	-	-	-	-	68.8 (528)	41.1 (3045)	-	-			
(Urine)	24,323	-	13 (17716)	62.3 (19623)	51.9 (5109)	89.1 (15387)	-	-	49.5 (6990)	24.6 (4147)	51.1 (751)	33.5 (813)	87.8 (13522)	53.2 (20156)	61.4 (1957)	53.5 (3440)	61 (65)	-	87.8 (6931)	98.7 (2747)	98.6 (16057)	98.9 (17245)	-	38.3 (16780)	39.9 (7646)	41.2 u (3635)	40.7 (3580)	97 (20212)	64.1 (22308)	-	88.5 (2992)	-	-	98.3 (4203)	-	-	94.8 (2120)	-	39.9 (2091)	25.4 (1700)	-	-	
(Urine-inpatient)	4,748	-	14.7 (3151)	62.9 (3384)	41.2 (585)	89 (2475)	27.4 (1493)	48.9 (1390)	22.6 u (252)	52.3 (1457)	-	87.9 (1891)	52.4 (3163)	57.9 (3025)	51.8 (521)	-	89 (1275)	98.8 (1469)	98.7 (2559)	99.1 (3262)	-	68.6 (3237)	36.6 (1190)	41.2 u (848)	38.6 (3642)	98.8 (2426)	63.2 (4226)	-	95.8 (120)	-	-	98.3 (866)	-	-	96.3 (543)	-	41 (4076)	26.3 (756)	-	-			
(Urine-outpatient)	1,197	-	16.2 (754)	64.8 (901)	48.8 (258)	90.3 (651)	39.6 u (48)	55.1 (156)	22.2 (185)	56.9 u (501)	-	92.4 (621)	56.4 (966)	64.1 (850)	60.4 (776)	69.8 u (86)	-	90.7 (353)	99.2 (262)	99.3 (767)	99.6 (898)	-	36.5 (853)	40.3 (315)	41.6 u (1050)	35.8 u (232)	97 (1036)	91.4 (1104)	-	91.1 (45)	-	-	98.7 (304)	-	-	98 (49)	-	41.8 (1100)	21.1 (54)	-	-		
<i>Haemophilus influenzae</i> (all isolates)	1,395	-	56.6 (1357)	92.2 (1042)	37.6 (250)	-	-	-	-	92.5 (186)	68.5 (65)	-	98.4 (1058)	97 (269)	98 u (801)	-	-	95.8 (259)	98.6 (664)	-	99 (794)	99.6 (271)	-	99.1 (110)	-	-	-	-	-	-	-	-	81.5 (525)	92.2 (1200)	56.6 (482)	-	-						
(age 0-5 years old)	257	-	53.4 (251)	93.1 (202)	81.6 (38)	-	-	-	94.7 u (38)	-	91.1 (213)	97.7 (43)	99.4 (161)	-	-	-	-	96.8 (31)	98.4 (129)	-	99.3 (141)	100 (53)	-	-	-	-	-	-	-	-	79.5 (122)	27.4 (110)	59.1 (110)	-	-								
(age > 5 years old)	1,135	-	57.5 (1104)	92.2 (835)	68.8 (214)	-	-	-	-	91.9 (149)	97.8 (46)	-	98.2 (843)	96.8 (222)	97.7 (639)	-	-	96 (225)	98.7 (533)	-	98.9 (649)	99.5 (216)	-	99 (102)	-	-	-	-	-	-	-	82.2 (404)	45.6 (917)	56.1 (374)	-	-							
(Sterile sites) <sup>c</sup>	134	-	53.1 (128)	92.1 (89)	-	-	-	-	-	-	98.3 (116)	97.5 (40)	97.7 (86)	-	-	-	-	96.4 (84)	-	-	100 (69)	-	-	-	-	-	-	-	-	78.7 (61)	43.4 (113)	45.3 (53)	-	-									
(CSF)	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
(Non-sterile sites) <sup>d</sup>	1,272	-	36.8 (1239)	92.3 (960)	86.9 (229)	-	-	-	-	92.5 (160)	68.4 (63)	-	98.4 (951)	97 (230)	98.1 (719)	-	-	95.9 (222)	99 (587)	-	98.9 (734)	98.6 (240)	-	99 (97)	-	-	-	-	-	-	-	-	82 (467)	41.9 (1097)	37.6 (432)	-	-						
<i>Klebsiella oxytoca</i>	704	-	1.4 (513)	57.5 (536)	54.5 (112)	86.4 (339)	27.9 (183)	63.5 (63)	u (217)	67.7 (30)	72.6 (430)	75.6 (593)	82.6 (589)	72.2 (422)	75.6 (79)	-	81.6 (245)	98.2 (56)	96.1 (438)	97.6 (506)	-	74.6 (552)	77.7 (188)	59 u (122)	-	96.8 (593)	81.9 (646)	-	89.6 (115)	-	-	-	-	-	-	-	73.5 (554)	67.5 (37)	-	-			
<i>Klebsiella pneumoniae</i> (all isolates)	29,406	-	0.4 (20290)	62.5 (23100)	56.1 (5591)	73.2 (16560)	51.7 (7412)	46.8 (1532)	43.5 u (941)	57 u (984)	37.4 u (1190)	75 u (1727)	58.7 u (23769)	61.8 u (23517)	60.4 u (19047)	68.9 u (3660)	-	87.7 (9721)	94.7 (2560)	95.8 u (21542)	96.2 u (22678)	-	63.9 u (22678)	75.6 u (9178)	52.1 u (4768)	55.8 u (798)	96.7 u (24983)	88.3 u (26862)	-	88.3 u (2466)	-	-	-	-	-	-	-	41.7 u (551)	71.9 u (690)	59.1 u (23505)	63.4 u (1729)	-	-
(ICU)	330	-	0.5 (194)	48 (148)	12.9 (31)	47.6 (150)	42.9 u (49)	-	-	14.4 u (203)	43.8 (268)	42.9 u (260)	45.4 u (58)	51.7 u (269)	47.4 u (260)	51.7 u (58)	-	94.2 u (86)	94.5 u (238)	95.2 u (228)	-	52.2 u (268)	69.4 u (62)	54.3 u (35)	57.4 u (267)	93.6 u (288)	-	-	-	-	-	-	-	-	47.5 u (255)	67.7 u (65)	-	-					
(inpatient)	6,505	-	0.3 (3697)	60 (4721)	40 (951)	71.7 (3845)	46.7 (1562)	47.4 (327)	31.5 u (79)	57.1 u (1999)	-	75.6 u (3582)	56.7 u (561)	57.7 u (4503)	59.4 u (476)	70.8 u (476)	-	87.4 u (1904)	96 u (1346)	96.7 u (384)	97.1 u (4819)	-	63.1 u (4675)	71.9 u (1885)	52.1 u (561)	54.7 u (201)	97 u (5190)	79.2 u (5831)	-	94.5 u (127)	-	-	51.7 u (143)	70.6 u (320)	58.2 u (4808)	63.2 u (987)	-	-					
(outpatient)	632	-	0.3 (349)	73.4 (534)	65.2 (221)	80.6 (387)	57.1 u (35)	-	-	70 u (300)	-	83.3 u (407)	70.9 u (475)	71.9 u (463)	72 u (465)	76.7 u (43)	-	92.7 u (247)	98 u (102)	99.1 u (445)	99.2 u (514)	-	68.9 u (512)	83.3 u (257)	52 u (150)	57.1 u (35)	98.4 u (546)	81.6 u (517)	-	100 u (37)	-	-	-	-	-	-	-	66.5 u (562)	70.3 u (37)	-	-		
<i>Morganella morganii</i>	1,227	-	2.2 (807)	5.3 (905)	54.3 (239)	97.3 (619)	2.6 (267)	6.7 (105)	15 u (79)	15 u (407)	6.2 u (61)	94.4<br																															

<sup>a</sup>: No CLSI Interpretive Criteria. Interpret according to cefoperazone/sulbactam in *Enterobacteriaceae*

<sup>b</sup>: Interpret according to oxacillin susceptibility test

<sup>c</sup>: Blood, Pleural Fluid

<sup>d</sup>: Sputum, Ear, Sinus

#### **e : MIC Interpretive Criteria**

**f** : Interprete according to

<sup>g</sup>: Use for screening test

<sup>h</sup>: Interpret according to cefoxitin susceptibility

<sup>u</sup>: Urine, Urine Catheter, Urine Clean- Voided