

Percentage of susceptible bacteria, 36 hospitals, Jan -Jun 2014

Organism	TOTAL ISOLATES	BETA - LACTAMS													CARBAPENEM			POLYMYXINS	QUINOLONES				AMINOGLYCOSIDES			GLYCOPEPTIDES			MISCELLANEOUS									
		PENICILLIN	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN/SULBACTAM	PIPERACILLIN/TAZOBACTAM	CEFAZOLIN	CEPHALOTHIN	CEFUROXIME SODIUM	CEFOPERAZONESULBACTAM*	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BYE-TEST	TEICoplanin	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
<i>Acinetobacter calcoaceticus-baumanni</i> complex	8,862	-	-	-	27.1 (3457)	27.9 (6756)	-	-	-	40.2 (6919)	2.2 (3869)	28.7 (7988)	4.5 (3352)	30.2 (431)	-	-	30.6 (6441)	29.2 (8060)	-	-	29 (7125)	28.8 (2783)	-	-	43.1 (8659)	33.5 (7831)	-	-	-	-	-	-	-	-	-	36.6 (6124)	23.9 (473)	
<i>Acinetobacter</i> spp.	2,511	-	-	-	23.1 (338)	24.9 (1451)	-	-	-	35.4 (1869)	4.8 (452)	24.4 (2434)	5.2 (280)	3.9 (280)	-	-	23.8 (2335)	25.3 (2344)	-	-	23.5 (2258)	15 (287)	-	-	43.5 (2439)	28.7 (2444)	-	-	-	-	-	-	-	-	-	36.3 (1917)	70 (50)	
<i>Citrobacter freundii</i>	401	-	8.6 (336)	23.6 (301)	39.2 (74)	85.6 (208)	10.4 (144)	11.1 (90)	56.2 (160)	85.7 (192)	65.8 (301)	71.5 (323)	68.6 (210)	72.5 (40)	14.3 (63)	94.4 (54)	89.5 (209)	96.2 (286)	-	-	41.4 (29)	78 (314)	84.3 (70)	63.3 (79)	100 (4)	98.1 (361)	82.4 (381)	-	90 (60)	-	-	-	85.2 (27)	-	-	66.7 (312)	-	
<i>Enterobacter aerogenes</i>	563	-	1.5 (480)	7.3 (467)	25.5 (94)	85.3 (211)	14.7 (129)	4.3 (116)	49.8 (247)	85.7 (264)	68.4 (452)	73.5 (460)	70.5 (58)	77.6 (58)	14 (172)	92.2 (51)	91.5 (377)	96.8 (372)	-	-	84.4 (32)	79.4 (457)	89.7 (107)	74.2 (80)	100 (2)	97 (462)	85.4 (519)	-	89.5 (162)	-	-	-	93.1 (29)	-	-	74.8 (503)	71.1 (45)	
<i>Enterobacter cloacae</i>	2,233	-	2.8 (1899)	6 (1775)	20.5 (342)	77.7 (1053)	2.5 (628)	7.6 (449)	49.7 (796)	79.8 (1193)	59.7 (1672)	62.7 (1813)	58.7 (1315)	72.1 (244)	4.1 (581)	79.8 (203)	92.6 (1396)	95.2 (1529)	-	-	50.3 (143)	76.4 (1719)	84.1 (573)	46.1 (47)	52.9 (17)	93.1 (1900)	76.1 (2044)	-	86.5 (667)	-	-	-	90.7 (151)	-	-	18.4 (38)	78.2 (1786)	68 (137)
<i>Enterobacter</i> spp.	731	-	4.6 (496)	12.6 (388)	31.8 (107)	85.4 (460)	8.8 (114)	8.4 (311)	46.8 (154)	85.9 (518)	64.1 (8893)	70.8 (713)	66 (388)	78.9 (76)	6 (84)	-	95.9 (491)	97.2 (600)	-	-	72.2 (36)	79.9 (616)	87.4 (183)	52.3 (65)	100 (10)	95.5 (711)	80.9 (727)	-	95 (180)	-	-	83 (94)	-	-	78.5 (405)	-		
<i>Escherichia coli</i> (all isolates)	18,136	-	12.8 (15297)	63.5 (13746)	42.5 (3625)	90.5 (9018)	30.5 (5063)	27.4 (4229)	51.5 (5440)	87.7 (8893)	54.9 (14168)	62.8 (14992)	54.4 (10224)	57.6 (2215)	87.3 (4596)	98.9 (1571)	98.9 (11625)	99.5 (12370)	-	-	33 (1235)	45.6 (13620)	47 (4208)	-	-	97.5 (15327)	65.7 (16588)	-	91.7 (4253)	-	-	-	95.2 (1287)	92.7 (608)	39.8 (1431)	29.9 (1431)		
(Urine)	9,916	-	12.1 (8271)	62 (7444)	40.6 (2289)	89.2 (4898)	28.7 (2528)	25 (2359)	48.7 (2824)	86.7 (7806)	52.7 (7806)	61 (8260)	53.4 (5901)	55.1 (1406)	86.8 (2470)	98.4 (869)	99 (6366)	99.4 (6642)	-	-	29.2 (859)	36.4 (7002)	38.6 (2516)	40 (8254)	33.9 (549)	97.3 (8229)	64.2 (9111)	-	90.2 (1996)	-	-	98.4 (1521)	-	95.1 (1428)	38.5 (8547)	31.1 (804)		
(Urine-inpatient)	1,742	-	13.8 (1126)	58.2 (1046)	40.8 (262)	87.4 (866)	24.4 (446)	22 (209)	53.4 (805)	86.1 (527)	51.1 (1307)	56.1 (1007)	48.9 (1027)	52 (123)	87.8 (312)	98 (662)	99 (889)	99 (1146)	-	-	22.2 (212)	35.3 (1336)	33.6 (333)	38.9 (1523)	37.9 (198)	97.3 (1357)	63.5 (1424)	-	-	-	97.7 (305)	-	98.9 (188)	38.1 (1329)	32.1 (184)			
(Urine-outpatient)	419	-	10.6 (284)	55.9 (290)	33.8 (71)	85.8 (225)	30 (40)	16.9 (89)	46.2 (184)	86.6 (172)	49 (296)	61.5 (262)	55.4 (242)	-	82.1 (67)	99.2 (126)	100 (200)	100 (313)	-	-	28.6 (287)	44.6 (74)	32.1 (365)	23.3 (30)	96.9 (360)	60.2 (357)	-	96.9 (64)	-	-	95.3 (64)	-	100 (34)	42.5 (341)	-			
<i>Haemophilus influenzae</i> (all isolates)	1,021	-	52.9 (987)	93.4 (777)	90.4 (239)	-	-	-	92.3 (196)	-	99 (789)	90.6 (85)	98.4 (442)	-	-	-	91.5 (129)	99.2 (504)	-	-	99.5 (763)	99.5 (221)	-	-	-	-	-	-	-	-	-	-	-	-	-	75.4 (484)	44.4 (859)	60.9 (407)
(age 0-5 years old)	153	-	45 (149)	98.3 (116)	95.7 (47)	-	-	-	-	97.1 (103)	-	98.3 (60)	-	-	-	-	100 (83)	-	-	100 (117)	100 (29)	-	-	-	-	-	-	-	-	-	-	-	-	-	79.5 (75)	33.8 (130)	48 (50)	
(age > 5 years old)	862	-	54 (832)	92.7 (656)	88.9 (190)	-	-	-	91.8 (170)	-	99 (682)	89.3 (75)	98.4 (377)	-	-	-	91.2 (113)	99 (420)	-	-	99.4 (643)	99.5 (192)	-	-	-	-	-	-	-	-	-	-	-	-	74.7 (407)	46 (724)	62.4 (354)	
(Sterile sites) ***	91	-	50.6 (85)	96.9 (64)	-	-	-	-	-	98.7 (78)	-	97.9 (48)	-	-	-	-	100 (47)	-	-	98.2 (57)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.2 (46)	45.1 (71)	47.6 (42)	
(Non-sterile sites) ****	944	-	52.6 (916)	92.9 (723)	90.8 (228)	-	-	-	91.4 (174)	-	99 (725)	91 (78)	98.5 (401)	-	-	-	91.8 (122)	99.1 (464)	-	-	99.6 (717)	99.5 (205)	-	-	-	-	-	-	-	-	-	-	-	-	76.2 (445)	44.4 (799)	62.5 (371)	
<i>Klebsiella oxytoca</i>	353	-	2.2 (277)	74.7 (245)	70.7 (58)	85.7 (140)	22.3 (121)	64.9 (74)	67.7 (130)	84.2 (146)	73.5 (275)	76.9 (277)	72.3 (191)	83.3 (36)	91.7 (96)	-	98.9 (177)	97.7 (216)	-	-	66.7 (30)	75.3 (239)	79.7 (69)	48.6 (70)	75 (4)	96.1 (283)	84.1 (301)	-	89.3 (75)	-	-	-	-	-	71.7 (258)	-		
<i>Klebsiella pneumoniae</i> (all isolates)	11,681	-	0.5 (9603)	61.7 (8744)	61.3 (1979)	75.2 (5798)	50.8 (3105)	55.6 (2573)	54.5 (3879)	73.3 (6220)	60.4 (9168)	61.9 (9857)	59.7 (6928)	72.2 (1254)	89 (2978)	97.3 (842)	97.3 (7707)	97.8 (8041)	-	-	63.9 (739)	64 (9235)	77.2 (2784)	53.9 (2005)	55.8 (104)	95.7 (10107)	77.2 (10808)	-	85 (3109)	-	-	91.9 (1073)	-	-	33 (318)	77.9 (421)	58.9 (9028)	65.8 (690)
(ICU)	157	-	0 (75)	53.7 (67)	-	51.5 (101)	22.3 (23)	-	-	47.5 (80)	50 (104)	46.5 (142)	50.3 (153)	61.5 (39)	-	87.8 (49)	94.8 (115)	94 (116)	-	-	60.1 (138)	64.9 (37)	46.7 (15)	-	87.9 (140)	64.5 (155)	-	-	-	-	-	-	-	-	60.2 (83)	48.8 (43)		
(inpatient)	1,961	-	0.3 (1090)	60 (1090)	45.5 (176)	71.4 (1021)	50.9 (334)	52 (304)	60.4 (787)	76 (1661)	61.6 (1117)	62.8 (1123)	69.4 (72)	82.3 (72)	97.6 (699)	95.3 (739)	97.9 (1400)	-	-	58 (50)	64.6 (1639)	73.8 (256)	47.9 (357)	61.4 (44)	96.4 (1654)	79.1 (1703)	-	93.2 (44)	-	-	84.2 (101)	-	41.4 (29)	78.8 (99)	61.2 (1279)	61.1 (185)		
(outpatient)	193	-	0 (155)	63.4 (164)	62.5 (32)	74.5 (106)	-	75 (32)	66.3 (92)	80.9 (94)	64.5 (138)	69.2 (120)	69.3 (114)	-	78.1 (32)	97.9 (67)	98.1 (157)	-	-	66.3 (166)	77.5 (40)	50 (64)	66.7 (3)	66.7 (182)	98.1 (181)	-	83.7 (43)	-	-	73.1 (26)	-	-	-	63.3 (169)	-			
<i>Morganella morganii</i>	530	-	2.5 (436)	7.1 (393)	29.9 (137)	95.1 (265)	1.5 (131)	4.4 (90)	23.8 (151)	94.3 (227)	80.4 (408)	87.7 (405)	85.4 (94)	83 (94)	55.7 (158)	100 (52)	70.4 (331)	99.4 (325)	-	-	43.3 (30)	77 (395)	86.8 (144)	89.1 (132)	60 (10)	99.1 (436)	78 (477)	-	91.6 (131)	-	-	4.8 (42)	-	-	66.4 (420)	26.7 (30)		
<i>Proteus mirabilis</i>	2,436	-	52 (1943)	87.5 (1846)	76.7 (473)	98.4 (1018)	37.8 (511)	76.5 (678)	82 (857)	99.2 (1148)	86.1 (1935)	93 (2025)	88.2 (1320)	83.6 (378)	96.5 (664)	99.4 (181)	92.3 (1536)	99.4 (1540)	-	-	62.4 (133)	78.7 (1922)	81 (521)	75.3 (700)	63.6 (44)	99.5 (2064)	77.7 (2213)	-	89.2 (655)	-	-	91.8 (170)	-	2.4 (164)	38.9 (90)	53.7 (1968)	0.6 (180)	
<i>Proteus vulgaris</i>	397	-	11.1 (316)	63.5 (304)	67.1 (73)	98.9 (183)	7.3 (110)	10 (90)	31 (126)	98.4 (188)	88.2 (306)	92 (338)	88.1 (226)	80.3 (61)	88 (108)	-	86 (235)	98.4 (248)	-	-	83.3 (330)	88.4 (86)	70.5 (78)	66.7 (6)	99.7 (348)	91.2 (365)	-	98 (98)	-	-	66.7 (24)	-	-	68.8 (311)	-			
<i>Providencia rettgeri</i>	149	-	30.1 (113)	16.5 (109)	-	97.3 (73)	39.4 (33)	12.2 (41)	78.2 (55)	95.9 (74)	85.2 (115)	85.5 (124)	85.7 (91)	-	76.7 (30)	-	85.7 (84)	93.9 (82)	-	-	86.1 (122)	93 (43)	62.5 (40)	100 (2)	97.7 (131)	90.7 (140)	-	91.7 (36)	-	-	-	-	-	74.2 (120)	-			
<i>Providencia stuartii</i>	92	-	11.2 (80)	3.2 (62)	22.6 (31)	93.5 (46)	8.3 (24)	-	-	92.1 (38)	76 (75)	77.8 (72)	90 (40)	-	75 (28)	-	87.9 (66)	100 (56)	-	-	68.1 (72)	78.3 (23)	66.7 (9)	-	100 (72)	92.9 (84)	-	-	-	-	-	-	-	-	72.7 (77)	-		
<i>Providencia</i> spp.	108	-	14.5 (76)	8 (88)	-	96.2 (52)	-	3.2 (31)	58.8 (51)	98.3 (86)	77.9 (86)	83 (100)	82.1 (84)	-	83.3 (30)	-	95.6 (68)	98.6 (72)	-	-	77.9 (95)	78.9 (19)	100 (12)	-	97.1 (103)	84.5 (103)	-	84.1 (44)	-	-	-	-	-	72.4 (87)	-			
<i>Pseudomonas aeruginosa</i>	8,279	-	-	-	-	79.9 (6282)	-	-	-	4.8 (6341)	-	77.7 (7660)	-	81 (1218)	-	75.8 (6231)	77.4 (6689)	98.9 (2671)	-	-	80 (6774)	77.4 (2307)	54.3 (995)	40 (15)	86.2 (7570)	79.5 (7562)	-	83.7 (2453)	-	-	-	-	-	-	2 (99)	-	-	
<i>Salmonella</i> , Non-typhoidal	534	-	34.2 (512)	-	-	100 (28)	-	-	-	86.7 (15)	86.7 (225)	-	85.7 (91)	88.6 (35)	-	100 (29)	100 (29)	-	-	57.7 (52)	54.4 (171)	96.6 (29)	85.7 (14)	-	-	-	-	-	-	-	-	-	-	84.5 (207)	83.9 (509)	-		
<i>Serratia marcescens</i>	324	-	1.5 (268)	4.3 (210)	5.7 (87)	90.7 (151)	2.1 (96)	0 (69)	4.5 (89)	98.5 (137)	85 (260)	91.4 (255)	88.2 (153)	81.8 (55)	22.4 (85)	-	98.5 (201)	100 (185)	-	-	96.6 (233)	97.6 (83)	96.8 (31)	-	98.4 (257)	94.5 (289)	-	97.1 (69)	-	-	100 (26)	-	-					

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		PENICILLIN	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN/SULBACTAM	PIPERACILLIN/TAZOBACTAM	CEFZOLIN	CEPHALOTHIN	CEFUROXIME SODIUM	CEFOPERAZONE/SULBACTAM *	CEFOTAXIME	CEFTAZIDIME	CEFTRIAZONE	CEFEPIME	CEFOXITIN	EERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NOREFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY E-TEST	TEICoplanin	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL
<i>Enterococcus faecium</i>	1,608	9.6 (627)	8.9 (1453)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5 (513)	8.1 (310)	4 (936)	-	-	46.6 (131)	56.1 (1353)	-	91.6 (1542)	-	93.4 (318)	42 (609)	-	3.8 (183)	-	85.3 (116)	31.2 (77)	6.9 (306)
<i>Enterococcus</i> spp.	1,848	51.8 (1228)	61.9 (1770)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.1 (126)	20.7 (184)	13.7 (824)	-	-	46.6 (236)	51.4 (1301)	-	97.4 (1512)	-	98.3 (354)	70.4 (466)	-	14.5 (523)	67.7 (31)	77.7 (493)	59.5 (37)	11.9 (1258)
<i>Staphylococcus aureus</i> (all isolates)	7,728	6.3 (3105)	-	-	-	-	-	-	-	-	-	-	80.5 (6426)	-	-	-	-	-	74.9 (1675)	79.3 (1039)	76.6 (321)	-	-	83.2 (5254)	-	-	100 (13)	99.3 (3576)	89 (6253)	76.7 (6253)	77.3 (6304)	-	92.5 (483)	96.4 (6289)	39.8 (752)	
(MRSA)	1,342	0 (669)	-	-	-	-	-	-	-	-	-	-	0 (1342)	-	-	-	-	-	5.7 (387)	11.3 (247)	6.2 (48)	-	-	14.8 (939)	-	-	100 (13)	98.5 (268)	47.4 (721)	5.9 (1213)	7.4 (1211)	-	81.7 (120)	84.8 (1233)	22.7 (185)	
(MSSA)	5,217	7.9 (2480)	-	-	-	-	-	-	-	-	-	-	99.9 (6217)	-	-	-	-	-	94.1 (1312)	99.1 (805)	94.7 (245)	-	-	99 (4023)	-	-	-	99.5 (2774)	99.3 (4774)	94.6 (4774)	94.8 (4822)	-	95.7 (375)	99.1 (4771)	45.2 (580)	
(ICU)	75	3.2 (31)	-	-	-	-	-	-	-	-	-	-	71.2 (73)	-	-	-	-	-	-	-	-	-	-	72.7 (55)	-	-	100 (1)	-	78.4 (37)	67.9 (53)	69.8 (53)	-	100 (32)	96.9 (32)	-	
(inpatient)	1,348	5.5 (494)	-	-	-	-	-	-	-	-	-	-	80 (1304)	-	-	-	-	-	75.3 (562)	75.9 (29)	76.5 (17)	-	-	82.3 (1146)	-	-	100 (12)	96.9 (65)	87.8 (830)	76.9 (1219)	76.7 (1217)	-	92.7 (206)	96.3 (1106)	42.5 (113)	
(outpatient)	171	6 (50)	-	-	-	-	-	-	-	-	-	-	87.6 (169)	-	-	-	-	-	75 (76)	93.1 (29)	-	-	87.6 (121)	-	-	0 (22)	-	94.4 (143)	84.2 (165)	86.7 (165)	-	-	98.7 (157)	-		
<i>Staphylococcus</i> , coagulase negative	7,231	10.1 (3341)	-	-	-	-	-	-	-	-	-	-	43.1 (6377)	-	-	-	-	-	59.9 (1794)	64.5 (859)	55.2 (493)	-	-	69.1 (4847)	-	-	100 (1)	97.4 (1438)	73.8 (3695)	53.9 (6184)	38.5 (6179)	97.7 (88)	89.5 (688)	64.6 (6238)	58.3 (866)	
<i>Staphylococcus</i> , coagulase negative (blood)	4,147	11.5 (1889)	-	-	-	-	-	-	-	-	-	-	44 (3711)	-	-	-	-	-	59.4 (1006)	66.1 (619)	78.2 (55)	-	-	70.6 (2779)	-	-	100 (1)	97.7 (814)	69.3 (2019)	53 (3766)	39.7 (3760)	-	91.2 (464)	62.8 (3644)	60.1 (496)	
<i>Staphylococcus saprophyticus</i>	112	15.5 (58)	-	-	-	-	-	-	-	-	-	-	46.6 (88)	-	-	-	-	-	56.1 (41)	-	82.1 (28)	-	-	81 (63)	-	-	-	59 (61)	31.8 (66)	37.3 (67)	-	-	74.7 (99)	-		
<i>Streptococcus pneumoniae</i> (all isolates)	1,303	68.2** (767)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99.1 (685)	-	-	-	-	100 (1172)	-	-	-	-	71.7 (1030)	66.6 (1144)	-	-	87.5 (623)	49.9 (968)	26.6 (497)	
(age 0-5 years old)	157	53.4** (73)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100 (67)	-	-	-	-	100 (141)	-	-	-	-	57.9 (133)	-	85.5 (76)	37.2 (113)	29.2 (48)			
(age > 5 years old)	1,138	69.3** (685)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99 (614)	-	-	-	-	100 (1023)	-	-	-	72.6 (905)	67.5 (1003)	-	-	87.7 (546)	51.6 (851)	26.3 (445)		
(Sterile sites)**	401	75.7** (243)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99 (202)	-	-	-	-	100 (333)	-	-	-	77.4 (314)	73.1 (357)	-	-	91.8 (194)	56.5 (294)	33.3 (168)		
(Non-sterile sites)****	965	66.1 (560)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99 (518)	-	-	-	-	100 (900)	-	-	-	69.4 (767)	64.3 (842)	-	-	86 (456)	47.8 (720)	23.2 (357)		
(Meningitis: by E-test)		40.7 (27)	-	-	-	-	-	-	100 (22)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(Nonmeningitis: by E-test)		100 (27)	-	-	-	-	-	-	100 (22)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Gram positive

* : No CLSI Interpretive Criteria. Interpret according to cefoperazone/sulbactam in *Enterobacteriaceae*

** : Interpret according to oxacillin susceptibility test

*** : Blood, CSF, Pleural Fluid

**** : Sputum, Ear, Sinus

U : Urine, Urine Catheter, Urine Clean- Voided