Percentage of susceptible Organisms Isolated From All Specimen, 50 hospitals, Jan - Mar 2018

	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	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	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	7,035					24.5 (1444)	24.0 (4296)						7.2 (3143)		25.2 (5339)		5.5 (3250)	64.7 (85)	20.9 (316)				24.8 (4254)	27.3 (5375)	100 [e] (84)		27.8 (5100)		27.7 (2685)		43.2 (5986)	34.2 (5362)		[e]										40.0 (4697)	20.6 [u] (496)
	(ICU)	246					12.5 (48)	12.3 (155)						2.5 (122)		29.3 (215)		3.8 (106)		7.5 (40)				15.1 (159)	25.9 (239)	[e]		33.2 (220)		39.0 (146)		38.5 (234)	38.3 (183)		[e]										49.0 (153)	[u]
	(inpatient)	1,742					25.2 (314)	21.4 (1224)						12.1 (754)		29.7 (1030)		4.1 (588)		24.6 (61)				26.1 (942)	28.3 (1283)	100 [e] (58)		31.3 (1024)		25.7 (983)		41.7 (1265)	42.1 (914)		[e]										21.4 (1224)	23.3 [u] (356)
	(outpatient)	53						63.6 (33)								67.5 (40)								65.6 (32)	70.5 (44)	[e]		66.7 (42)				79.1 (43)	71.9 (32)		[e]										57.9 (38)	[u]
	Acinetobacter spp.	1,082					62.3 (204)	45.9 (702)						19.6 (591)		45.1 (825)		29.5 (458)		25.0 (140)				39.4 (589)	45.7 (822)	[e]		49.1 (731)		71.4 (252)		54.6 (855)	50.4 (752)		[e]										54.3 (650)	70.3 [u] (64)
	Aeromonas hydrophila	230						92.6 (94)						89.8 (127)		87.7 (106)		88.0 (108)				31.2 (48)		63.8 (80)	91.3 (103)			96.4 (140)		92.1 (38)		99.1 (116)	97.4 (151)										88.6 (158)	80.4 (51)
	Burkholderia cepacia complex	56														93.8 (48)				87.2 (47)										[e]										[e]			90.2 (51)	
	Burkholderia mallei	-														[e]								[e]																					[e]
	Burkholderia pseudomallei	-				[e]										[e]								[e]																				[e]	[e]
	Citrobacter freundii	216						86.5 (133)					88.6 (114)	69.9 (163)		75.7 (177)		71.9 (96)						90.4 (135)	95.2 (167)		[u]	75.2 (161)		66.7 (48)	65.8 [u] (38)		98.3 (172)	87.4 (182)						[u]				72.8 (169)	
	Enterobacter cloacae	1,504						83.2 (942)					82.5 (946)	63.1 (1010)		66.7 (1234)		65.9 (907)		64.4 (90)			92.5 (134)	90.9 (949)	92.4 (1171)	96.5 [WT] (86)	[u]	78.5 (1103)		82.0 (394)	60.8 [u] (166)	74.7 (79)	96.9 (1252)	81.6 (1299)		89.2 (204)					[u]				71.9 (1156)	70.4 (162)
	Enterobacter spp.	468			4.9 (365)	9.2 (305)	33.3 (72)	85.6 (216)	1.8 (109)	[u]	55.3 (94)		85.8 (246)	66.5 (352)		71.0 (389)		65.7 (280)		82.0 (50)		16.9 (136)		90.2 (164)	96.2 (397)		[u]	78.9 (365)		86.6 (142)	60.9 [u] (69)		96.4 (420)	85.3 (414)		83.0 (141)					[u]				73.7 (365)	75.0 (40)
	Escherichia coli (all isolates)	12,909			15.5 (9477)	65.1 (9162)	59.1 (1708)	91.1 (8091)	31.2 (4842)		46.8 (2471)		86.0 (6572)	52.7 (8715)		63.3 (10352)		54.7 (7721)		55.4 (997)		85.8 (3552)	97.5 (1501)	96.3 (8066)	96.8 (9694)	99.4 [WT] (721)		48.1 (9149)		50.7 (2817)		46.4 (903)	98.6 (10503)	65.8 (10865)		93.2 (2060)									44.3 (9753)	37.2 (1399)
	(Urine)	6,805			12.8 (5021)	64.3 (4748)	56.6 (1044)	89.4 (4234)		50.8 [u] (2766)			86.6 (3218)	49.9 (4865)		61.2 (5858)		52.2 (4480)		55.1 (459)		86.9 (1598)	97.7 (906)	95.9 (4603)	96.3 (5143)	99.5 [WT] (409)	24.1 [u] (87)	39.1 (4695)		43.1 (1316)	41.2 [u] (4919)	40.6 (685)	98.6 (5821)	63.7 (6088)		92.4 (1086)			97.0 [u] (985)				92.3 [u] (794)		39.9 (5450)	29.2 (638)
	(Urine-inpatient)	1,270			13.3 (870)	58.8 (723)	57.0 (128)	88.2 (851)		45.7 [u] (569)	38.2 (157)		87.2 (462)	47.7 (771)		54.1 (980)		49.5 (1016)		54.1 (111)		86.7 (105)	97.5 (481)	95.5 (840)	96.1 (869)	100 (145)	[u]	41.6 (874)		46.2 (253)	42.9 [u] (849)		99.0 (989)	61.8 (1136)		96.8 (94)			[u]				99.4 [u] (164)		40.1 (940)	29.8 (228)
	(Urine-outpatient)	458			17.0 (353)	66.0 (344)	67.7 (31)	92.7 (371)		51.9 [u] (158)	38.5 (39)		93.0 (201)	53.5 (241)		71.6 (388)		61.8 (330)					98.5 (203)	99.5 (378)	99.5 (400)	100 (45)	[u]	33.9 (342)		43.6 (133)	38.5 [u] (340)		98.6 (415)	67.4 (430)		96.6 (117)			[u]				96.8 [u] (31)		44.0 (384)	27.9 (86)
	Haemophilus influenzae (all isolates)	671			57.1 (597)	93.0 (526)	93.1 (58)				93.9 (82)			97.9 (484)		92.5 (133)		98.8 (339)						92.3 (143)	100.0 (289)			99.8 (407)		94.8 (154)		100.0 (66)										92.2 (219)	43.7 (584)	75.0 (208)
	(age 0-5 years old)	91			56.1 (82)	93.3 (75)								92.1 (63)				97.7 (44)							100.0 (47)			100.0 (60)														95.0 (40)	34.5 (84)	68.4 (38)
	(age > 5 years old)	558			56.6 (493)	92.5 (428)	92.6 (54)				93.8 (65)			98.8 (402)		93.6 (110)		99.0 (288)						92.6 (133)	100.0 (223)			99.7 (342)		93.9 (115)		100.0 (60)										91.5 (177)	45.4 (496)	76.3 (169)
	(CSF)	-																																												
	(Sterile sites) [b]	65			42.4 (59)	93.6 (47)								97.7 (44)				100.0 (35)							100.0 (92)			97.1 (35)														34.0 (53)	
	(Non-sterile sites) [c]	619			58.4 (548)	93.0 (489)	94.6 (56)				92.8 (69)			98.0 (448)		92.7 (123)		98.7 (307)						92.5 (133)	100.0 (264)			100.0 (376)		94.6 (147)		100.0 (63)										92.0 (201)	44.5 (541)	75.1 (189)
	Klebsiella aerogenes	439						81.5 (249)					83.3 (270)	61.5 (335)		67.8 (366)		65.2 (328)					93.9 (33)	93.7 (315)	95.2 (313)	WT	[u]	80.5 (349)		86.5 (104)	75.9 [u] (54)	60.6 (33)		82.1 (380)		90.4 (114)					[u]				77.1 (363)	75.8 (33)
	Klebsiella oxytoca	187			8.5 (129)	81.1 (143)		92.4 (92)	26.3 (64)	76.3 [u] (76)	66.7 (36)		84.7 (98)	78.6 (126)		83.9 (143)		78.3 (106)				85.9 (64)		96.4 (84)	96.1 (127)		[u]	86.3 (124)		78.9 (38)	75.6 [u] (41)		99.3 (145)	91.5 (153)							[u]				78.7 (136)	
	Klebsiella pneumoniae (all isolates)	9,268				59.1 (6970)	48.8 (1130)	71.1 (5579)	50.1 (2509)	42.9 [u] (700)	50.6 (2240)		69.3 (5251)	54.9 (6633)		57.4 (7644)		56.9 (5846)		67.1 (651)		80.9 (2671)	87.9 (762)	86.1 (5816)	85.8 (7027)	99.1 [WT] (460)	34.9 [u] (43)	61.5 (7111)		68.3 (2433)	47.0 [u] (1435)	63.1 (547)	92.1 (7863)	82.1 (8026)		88.4 (1858)					[u]				58.5 (7085)	62.2 (764)
	(ICU)	294				54.5 (224)	36.0 (50)	79.9 (139)		[u]			71.6 (194)	51.6 (182)		48.5 (241)		52.5 (255)		51.9 (54)			87.8 (82)	84.0 (156)	88.5 (234)	100.0 [WT] (40)	[u]	64.1 (259)		69.7 (155)	[u]		89.8 (246)	78.8 (264)		95.1 (81)					[u]				57.4 (204)	
	(inpatient)	2,146				53.9 (1635)	21.6 (97)	69.6 (1449)	46.0 (398)	35.2 [u] (159)	45.7 (243)		72.2 (1178)	51.7 (1247)		52.5 (1433)		54.6 (1409)		73.4 (109)		59.8 (433)	85.2 (412)	83.7 (1084)	84.4 (1573)	100.0 [WT] (153)	[u]	58.2 (1464)		62.8 (741)	46.9 [u] (262)		91.8 (1461)	80.6 (1608)		95.2 (230)					67.9 [u] (53)				60.4 (1537)	64.2 (439)
	(outpatient)	282				74.3 (245)		85.3 (190)	66.0 (50)	70.1 [u] (67)			87.1 (178)	79.4 (170)		78.6 (215)		79.5 (195)				76.3 (38)	95.7 (69)	95.5 (154)	95.0 (242)	WT	[u]	75.8 (219)		79.4 (141)	52.5 [u] (61)		97.4 (229)	89.5 (239)		99.0 (98)					[u]				76.3 (241)	67.4 (43)
	Morganella morganii	375						95.9 (243)					89.9 (189)	80.2 (232)		85.8 (275)		87.5 (208)				46.2 (104)		65.7 (210)	97.5 (276)		[u]	80.4 (245)		91.3 (92)	82.5 [u] (97)		99.7 (289)	81.8 (314)		93.2 (44)									70.4 (304)	
	Neiseria meningitidis	-			[e]																																									
	Proteus mirabilis	1,806			53.1 (1289)	85.5 (1314)	81.6 (244)	98.6 (1106)	36.9 (442)	69.1 [u] (246)	77.2 (552)		97.2 (949)	80.8 (1302)		91.9 (1452)		83.3 (1004)		83.7 (166)		94.1 (508)	100.0 (148)	94.4 (1177)	99.0 (1350)		[u]	74.5 (1353)		76.1 (402)	74.1 [u] (448)	75.4 (122)	99.4 (1495)	80.9 (1536)		85.7 (322)									57.2 (1404)	
	Proteus vulgaris	313				65.8 (231)	65.7 (35)	99.5 (193)					97.5 (159)			94.4 (270)		88.8 (197)				94.6 (93)	100.0 (39)	89.2 (176)	99.6 (250)		[u]	84.8 (244)		86.8 (53)	86.0 [u] (50)		99.6 (279)	89.3 (281)		98.1 (53)									71.2 (240)	
	Providencia rettgeri	113						94.7 (75)					96.0 (50)	75.3 (81)		82.4 (91)		78.2 (78)						92.3 (65)	100.0 (79)		[u]	74.0 (77)			[u]		97.8 (92)	87.9 (91)										75.8 (91)	

Gram negative	*Providencia stuartii*	46												58.8 (34)		68.8 (32)								90.0 (30)	94.3 (35)		[u]	57.5 (40)			[u]		97.0 (33)														71.4 (42)	
	Providencia spp.	56			22.5 (40)	7.7 (39)		96.9 (32)		[u]			97.1 (34)	92.0 (50)		92.2 (51)		89.7 (39)						87.5 (40)	100.0 (43)		[u]	76.5 (51)			[u]		96.3 (54)	83.0 (53)											[u]		80.9 (47)	
	Pseudomonas aeruginosa	5,705						80.7 (4624)								80.9 (4679)				79.3 (474)				77.5 (3697)	78.5 (4423)	99.2[e] (1152)		84.7 (4471)		82.6 (1972)	57.1[u] (489)	79.6 (211)	89.7 (4959)	83.2 (4719)		82.8 (1130)												
	Salmonella, Typhoidal	-																									[u]	[u]																				
	Salmonella, Non-typhoidal	573			43.2 (458)								90.0 (40)	86.8 (129)		82.1 (78)		87.9 (141)									[u]	[u]		87.5 (72)		97.1 (35)														90.2 (82)	85.8 (451)	
	Serratia marcescens	213						100.0 (118)					99.2 (119)	92.1 (114)		92.1 (140)		91.3 (103)						94.3 (105)	96.8 (155)		[u]	[u]		95.8 (72)	[u]		97.2 (144)	98.0 (150)													96.5 (144)	
	Shigella spp.	-																													[u]																	
	Stenotrophomonas maltophilia	894																												95.5 (627)																[e]	96.4 (801)	
	Vibrio cholerae (all serotypes)	-																																														
	Vibrio cholerae O1	-																																														
	Vibrio cholerae non O1, non O139	-																																														
	Vibrio parahaemolyticus	73			9.5 (63)				[e]	[e]																		97.0 (33)																			100.0 (62)	100.0 (43)
	Vibrio spp.	-							[e]	[e]																																						
Gram positive	*Enterococcus faecalis*	3,027	71.1 (1884)		93.8 (2478)																							26.3[u] (418)	[u]	29.0[u] (231)	27.5[u] (1152)				53.4[h] (2129)		99.4 (2518)		99.6 (251)	95.4[u] (539)			20.1 (721)		97.5[u] (163)	71.3 (328)		7.4[u] (594)
	Enterococcus faecium	1,711	7.5 (998)		8.2 (1385)																							4.1[u] (219)	[u]	5.6[u] (!24)	5.2[u] (717)				65.6[h] (1231)		91.0 (1395)		86.7 (128)				7.3 (411)		12.8[u] (125)	85.8 (169)		4.1[u] (342)
	Enterococcus spp.	861	45.5 (563)		64.3 (666)																							21.8[u] (87)	[u]	27.4[u] (274)	27.1[u] (140)				55.8[h] (649)		97.3 (786)						24.6 (126)		[u]	82.6 (69)		8.7[u] (150)
	Staphylococcus aureus (all isolates)	5,395	11.9 (1921)	5.4 (118)																	90.4[f] (4416)							86.3 (1013)	84.3 (70)	90.3 (842)	85.0[u] (153)	90.8 (76)		93.2 (3065)				99.5 (157)	[e]		86.3 (3896)	73.8 (65)	84.7 (4338)	69.2 (65)	[u]	96.3 (617)	97.2 (4011)	63.0 (1200)
	(MRSA)	453	0 (172)																		0[f] (453)							12.0 (108)		18.2 (88)	[u]			38.1 (294)				100.0 (50)	[e]		12.8 (359)		10.9 (414)		[u]	84.8 (46)	78.9 (393)	41.4 (111)
	(MSSA)	4,025	7.1 (1611)																		100.0[f] (4025)							95.8 (764)		98.5 (615)	96.5[u] (114)	98.5 (65)		99.2 (2660)				100.0 (36)	[e]		93.6 (3494)		92.8 (3739)		[u]	97.3 (503)	99.4 (3583)	62.1 (980)
	(ICU)	117	3.3 (30)																		82.8[f] (93)										[u]			93.6 (47)					[e]		89.8 (88)		82.7 (75)		[u]		98.6 (70)	
	(inpatient)	1,323	28.0 (432)	10.9 (55)																	87.3[f] (882)							84.3 (210)	81.8 (55)	95.3 (193)	84.6[u] (39)			88.8 (767)				98.6 (72)	[e]		82.8 (714)	70.0 (50)	83.0 (910)	66.0 (50)	[u]	94.1 (135)	97.1 (784)	72.8 (302)
	(outpatient)	218	33.0 (94)																		92.6[f] (162)							95.2 (42)		95.0 (40)	[u]			96.8 (124)					[e]		87.4 (151)		85.0 (180)		[u]		98.4 (125)	77.3 (66)
	Staphylococcus, coagulase negative	4,210	13.2 (1904)	2.8 (181)																	44.4[f] (3539)							53.2 (987)		62.4 (691)	50.3[u] (171)	57.0 (86)		64.4 (2541)				100.0 (53)	[e]		48.2 (3140)		38.6 (3579)		[u]	90.6 (480)	66.1 (3153)	54.5 (1237)
	Staphylococcus, coagulase negative (blood)	2,916	11.3 (1281)	2.1 (133)																	44.0[f] (2436)							52.5 (644)		62.7 (413)		59.5 (42)		63.2 (1625)					[e]		46.7 (2240)		37.1 (2538)			92.2 (334)	65.2 (2149)	57.7 (809)
	Streptococcus agalactiae	234	99.5 (194)		98.1 (53)									100.0 (131)				98.9 (93)												100.0 (110)							99.5 (204)				74.5 (94)		81.1 (164)			97.4 (38)		
	Streptococcus, β-hemolytic not Group A,B	275	89.8 (205)		97.9 (97)									98.1 (105)				100.0 (106)												99.0 (97)		100.0 (35)					99.5 (205)				86.7 (143)		84.0 (212)			84.1 (69)		26.4 (91)
	Streptococcus pyogenes	472	99.7 (390)		99.0 (194)									100.0 (186)				100.0 (219)												98.3 (178)		92.1 (63)					99.7 (375)				87.5 (343)		87.4 (422)			94.6 (147)		17.1 (140)
	Streptococcus pneumoniae (all isolates)	912	62.8[d] (586)			[e]					[e]	[e]																		93.7 (364)							99.7 (739)				69.5 (626)		64.8 (751)				45.0 (569)	23.5 (319)
	(age 0-5 years old)	86	49.0[d] (51)			[e]					[e]	[e]																									100.0 (70)				71.4 (56)		70.4 (71)				26.4 (53)	
	(age > 5 years old)	807	63.7[d] (535)			[e]					[e]	[e]																		93.2 (325)							100.0 (649)				69.1 (563)		65.0 (668)			91.0 (245)	47.0 (517)	23.5 (293)
	(Sterile sites)[b]	309	75.0[d] (176)			[e]					[e]	[e]																		92.9 (98)							99.5 (221)				75.0 (188)		71.9 (235)			96.9 (96)	52.2 (178)	21.8 (101)
	(Non-sterile sites)[c]	309	58.7[d] (446)			[e]					[e]	[e]																		94.5 (290)							99.6 (561)				67.7 (477)		62.5 (565)			89.1 (192)	42.6 (427)	25.1 (235)
	(Meningitis: by E-test)	-		[e]											[e]				[e]	[e]																												
	(Nonmeningitis: by E-test)	-		[e]		[e]									[e]				[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