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

	Organism	TOTAL ISOLATES	BETA - LACTAMS															CARBAPENEMS			POLYMYXINS	QUINOLONES					AMINOGLYCOSIDES				GLYCOPEPTIDES			MISCELLANEOUS						
			PENICILLIN	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* complex	3,391				-	35.1 (1511)						4.3 (604)	32.7 (1929)	-	-			38.9 (927)	39.5 1937	- [e]		40.1 (1303)				56.1 (2140)	41.3 (2044)		- [e]									40.3 (1483)	- [u]
	Acinetobacter spp.	422				-	60.1 (223)						24.3 (74)	49.8 (311)	-	-			63.9 (144)	62.8 (312)	- [e]		51.4 (249)	-			59.4 (335)	52.8 (318)		- [e]									38.8 (260)	- [u]
	Aeromonas hydrophila	48					-			-			-	-	-	-		-	-	-			-	-			-	-									-	-	-
	Burkholderia cepacia complex	-												-						-				- [e]													- [e]	-	
	Burkholderia mallei	94																																						- [e]
	Burkholderia pseudomallei	493			- [e]																																	- [e]	- [e]
	Citrobacter freundii	221					89.8 (118)					95.6 (91)	68 (175)	76 (175)	-	-		-	89.9 (138)	95.7 (163)		- [u]	89.7 (156)	-	- [u]	-	97.7 (175)	87.3 (173)		-							- [u]	-	76 (167)	-
	Enterobacter aerogenes	71					89.1 (46)					93.2 (44)	67.9 (53)	79.6 (54)	-	-		-	98 (51)	100 (46)	- [WT]	- [u]	96.1 (51)	-	- [u]	-	100 (51)	96.3 (54)		-							- [u]	-	86.8 (53)	-
	Enterobacter cloacae	586					85 (374)					86.9 (275)	64.5 (456)	71 (441)	-	-		-	92.7 (368)	96.3 (430)	- [WT]	- [u]	84.4 (416)	-	56.8 [u] (37)	-	97.1 (446)	85.3 (456)		-							- [u]	-	77.2 (435)	-
	Enterobacter spp.	384		4.5 (289)	12.9 (85)	-	85.1 (134)	-	- [u]	62.9 (237)	-	-	64.9 (356)	71.5 (330)	69.3 (88)	-		18 (111)	-	89.9 (188)	97.7 (306)		- [u]	87.6 (233)	-	- [u]	-	97.7 (353)	89.9 (345)		-							- [u]	-	77.3 (326)	73.9 (115)
	Escherichia coli (all isolates)	4,572		11 (1937)	64.5 (1685)	56.4 (133)	87.3 (2245)	32.5 (722)		42.5 (1636)	-	85.5 (1283)	45 (3607)	57.1 (3431)	58.8 (478)	-		89.7 (682)	-	95.3 (2536)	95.3 (3355)	- [WT]		43.8 (2884)	-		-	98.1 (3533)	63.5 (3546)		-								76.3 (59)	37.8 (3447)	23.9 (694)
	(Urine)	2,108		9.1 (1032)	60 (881)	50 (66)	83.1 (1188)		36.8 [u] (657)	35.2 (894)	-	81.7 (652)	37.7 (1900)	49.8 (1804)	42 (162)	-		86.2 (363)	-	94.3 (1327)	93.7 (1764)	- [WT]	- [u]	30.8 (1514)	-	33.3 [u] (1546)	-	97.9 (1870)	59.2 (1875)		-				- [u]			- [u]	-	32.4 (1794)	18.6 (360)
	(Urine-inpatient)	53		-	71.1 (45)	-	42.6 (47)		42.6 [u] (47)	-	-	78.7 (47)	42.6 (47)	53.2 (47)	-	-		-	-	95.7 (47)	95.7 (47)	- [WT]	- [u]	40.4 (47)	-	41.9 [u] (43)	-	93 (43)	57.4 (47)		-				- [u]			- [u]	-	42.6 (47)	-
	(Urine-outpatient)	-		-	-	-	-		- [u]	-	-	-	-	-	-	-		-	-	-	-	- [WT]	- [u]	-	-	- [u]	-	-	-		-				- [u]	[u]		- [u]	-	-	-
	Haemophilus influenzae (all isolates)	98		-	94.8 (77)	-	-			-	-		97.6 (82)	-	-	-			-	-	-			100 (82)	-		-												89 (82)	42.2 (83)	71.1 (83)
	(age 0-5 years old)	-		-	-	-	-			-	-		-	-	-	-			-	-	-			-	-		-												-	-	-
	(age > 5 years old)	71		-	94.5 (55)	-	-			-	-		96.7 (61)	-	-	-			-	-	-			100 (62)	-		-												88.5 (61)	45.2 (62)	72.6 (62)
	(CSF)	-		-									-	-	-						-			-	-		-												-		
	(Sterile sites) [b]	-		-	-	-	-			-	-		-	-	-	-			-	-	-			-	-		-												-	-	-
	(Non-sterile sites) [c]	92		-	94.4 (72)	-	-			-	-		96.1 (76)	-	-	-			-	-	-			100 (75)	-		-												89.5 (76)	42.9 (77)	71.4 (77)
	Klebsiella oxytoca	66		-	-	-	91.3 (946)	-	- [u]	-	-	-	69.6 (56)	71.7 (53)	-	-		-	-	97.1 (35)	98.1 (52)		- [u]	72.3 (47)	-	- [u]	-	94.4 (54)	87.5 (56)		-							- [u]	-	70 (50)	-
	Klebsiella pneumoniae (all isolates)	3,650			61.4 (1191)	57.4 (129)	71.4 (1736)	50.5 (753)	34.2 [u] (146)	53.5 (1534)	-	71.5 (863)	52.6 (3015)	57.3 (2855)	60.1 (466)	-		85.7 (630)	-	88.9 (2054)	90 (2775)	- [WT]	- [u]	62.5 (2411)	-	46.6 [u] (425)	-	96.4 (2970)	82.3 (2952)		-							- [u]	-	55.9 (2783)	60.9 (621)
	(ICU)	-			-	-	-	-	- [u]	-	-	-	-	-	-	-		-	-	-	-	- [WT]	- [u]	-	-	- [u]	-	-	-		-							- [u]	-	-	-
	(inpatient)	102			46.6 (58)	-	65 (60)	36.5 (52)	- [u]	-	-	66.7 (60)	38.3 (60)	40 (60)	-	-		-	-	80 (60)	78 (59)	- [WT]	- [u]	48.3 (60)	-	- [u]	-	91.2 (57)	75.4 (61)		-							- [u]	-	46.7 (60)	-
	(outpatient)	-			-	-	-	-	- [u]	-	-	-	-	-	-	-		-	-	-	-	- [WT]	- [u]	-	-	- [u]	-	-	-		-							- [u]	-	-	-
	Morganella morganii	123				-	93.2 (73)					91.4 (70)	78.8 (85)	86.7 (83)	-	-		-	-	76.2 (80)	91.5 (82)		- [u]	77.4 (84)	-	- [u]	-	92.8 (83)	77.4 (84)		-								-	65.9 (82)	
	Neisseria meningitidis	-	- [e]	- [e]									-		-						-			-	- [e]														-	-	
	Proteus mirabilis	589		51 (255)	88.4 (225)	-	98.9 (375)	52.1 (165)	84.8 [u] (46)	81.7 (262)	-	98.1 (207)	85.1 (517)	93.7 (490)	93.3 (30)	-		93.5 (46)	-	90.7 (345)	99.2 (485)		- [u]	84.2 (419)	-	75.8 [u] (132)	-	99.2 (506)	87.3 (510)		-								-	98.9 (375)	
	Proteus vulgaris	141			73.3 (60)	-	93.9 (82)					94 (50)	86.8 (136)	92.2 (129)	-	-		-	-	91.3 (103)	100 (130)		- [u]	84.4 (96)	-	- [u]	-	99.2 (132)	91.7 (132)		-								-	93.9 (82)	
	Providencia rettgeri	48				-	87.5 (32)			-	-	-	84.2 (38)	88.9 (36)	-	-		-	-	87.5 (32)	94.4 (36)		- [u]	80.6 (36)	-	- [u]	-	100 (35)	84.2 (38)		-								-	73 (37)	
	Providencia stuartii	-				-	-			-	-	-	-	-	-	-		-	-	-	-		- [u]	-	-	- [u]	-	-											-	-	
	Providencia spp.	35		-	-	-	93.5 (31)	-	- [u]	-	-	-	81.8 (33)	-	-	-		-	-	90 (30)	96.7 (30)		- [u]	84.4 (32)	-	- [u]	-	100 (30)	87.5 (32)		-							- [u]	-	71.9 (32)	-
	Pseudomonas aeruginosa	2,572					79.5 (1813)							74.3 (2194)		-				71.8 (752)	75.2 (2134)	- [e]		80.6 (1686)	-	49.6 [u] (117)	-	89.9 (2277)	78.4 (2265)		-										

Gram negative	*Salmonella, typhoidal*	-		-								-	-	-	-								-	-	- [e]		- [e]													-	-	
Gram negative	*Salmonella* , Non-typhoidal	34		-								-	-	-	-								-	-	- [e]		- [e]													-	-	
Gram negative	*Serratia marcescens*	62					-					-	87.8 (41)	95 (40)	-	-			-	-	100 (36)		- [u]	97 (33)	-	- [u]	-	97.4 (39)	97.5 (40)		-								-	94.4 (36)	-
Gram negative	*Shigella* spp.	-		-																			-	-	-	- [u]	-														-	
Gram negative	*Stenotrophomonas maltophilia*	593																							97.2 (434)														- [e]	98.7 (474)	
Gram negative	*Vibrio cholerae* (all serotypes)	-		-																																			-	-	-
Gram negative	*Vibrio cholerae* O1	-		-																																			-	-	-
Gram negative	*Vibrio cholerae* non O1, non O139	-		-																																			-	-	-
Gram negative	*Vibrio parahaemolyticus*	-		-	-	-	-	- [e]	- [e]	-			-	-		-		-		-	-		-	-	-	-	-													-	-
Gram negative	*Vibrio* spp.	-		-	-	-	-	- [e]	- [e]	-			-	-		-		-		-	-		-	-	-	-	-													-	-
Gram positive	*Enterococcus faecalis*	955	-	60.6 (66)																				20 [u] (30)	- [u]	- [u]				53.4 [h] (58)		97.4 (77)	-	-	- [u]		6.2 (48)	- [u]	-		4.8 [u] (42)
Gram positive	*Enterococcus faecium*	464	-	4.7 (64)																				0 [u] (40)	- [u]	- [u]				45.9 [h] (61)		63.1 (65)	-	-			-	- [u]	-		4.9 [u] (41)
Gram positive	*Enterococcus* spp.	1,267	43.4 (920)	65.6 (965)																				- [u]	22.2 [u] (748)	- [u]				51.6 [h] (921)		96.5 (1180)	-	-			16.2 (74)	- [u]	-		6.2 [u] (80)
Gram positive	*Staphylococcus aureus* (all isolates)	2,221	12.9 (549)														82.8 [f] (1734)							93.2 (59)	-	- [u]	-	-	88.5 (1219)		-		-	- [e]		81.4 (672)	77.4 (1716)	- [u]	-	91.5 (1668)	45.7 (164)
Gram positive	(MRSA)	327	0 (76)														0 [f] (327)							-	-	- [u]	-	-	41.5 (253)		-		-	- [e]		13.3 (83)	10.7 (317)	- [u]	-	57.5 (318)	-
Gram positive	(MSSA)	1,482	15.3 (450)														100 [f] (1482)							-	-	- [u]	-	-	99.2 (1025)		-		-	- [e]		91.1 (574)	90.6 (1452)	- [u]	-	98.6 (1407)	48.9 (135)
Gram positive	(ICU)	-	-														- [f]							-	-	- [u]	-	-	-		-		-	- [e]		-	-	- [u]	-	-	-
Gram positive	(inpatient)	147	-														71.8 [f] (103)							-	-	- [u]	-	-	78.4 (102)		-		-	- [e]		-	72.5 (102)	- [u]	-	88.2 (102)	-
Gram positive	(outpatient)	-	-														- [f]							-	-	- [u]	-	-	-		-		-	- [e]		-	-	- [u]	-	-	-
Gram positive	*Staphylococcus,* coagulase negative	2,570	13.9 (1195)														47.3 [f] (2385)							46.5 (43)	72.1 (43)	- [u]	-	-	67.9 (1198)		-		-	- [e]		54.9 (1354)	39.9 (2314)	- [u]	-	63.1 (2225)	48 (204)
Gram positive	*Staphylococcus,* coagulase negative (blood)	2,042	16 (849)														48.3 [f] (1894)							-	-		-	-	68 (1034)		-		-	- [e]		55.6 (992)	39.3 (1892)		-	62.3 (1776)	56.1 (123)
Gram positive	*Streptococcus agalactiae*	170	100 (120)	-									100 (136)		-	-			- [e]		- [e]				99.2 (132)		-					99.3 (144)				-	80.9 (131)		-		-
Gram positive	*Streptococcus, beta-haem. not Group A,B*	92	95.7 (46)	-									96 (50)		-	-			- [e]		- [e]				100 (33)		-					97.4 (78)				85.7 (42)	82.7 (75)		-		-
Gram positive	*Streptococcus pyogenes*	242	100 (162)	-									99.5 (187)		-	-			- [e]		- [e]				100 (168)		-					99.5 (214)				86.4 (44)	94.3 (212)		-		-
Gram positive	*Streptococcus pneumoniae* (all isolates)	143	50.7 [d] (71)		- [e]					- [e]	- [e]								- [e]	- [e]	- [e]				99.1 (113)		-					100 (133)				74.2 (31)	62.7 (126)		91 (89)	57.4 (122)	29.2 (89)
Gram positive	(age 0-5 years old)	-	- [d]		- [e]					- [e]	- [e]								- [e]	- [e]	- [e]				-		-					-				-	-		-	-	-
Gram positive	(age > 5 years old)	123	56.5 [d] (62)		- [e]					- [e]	- [e]								- [e]	- [e]	- [e]				99 (101)		-					100 (116)				-	66.1 (109)		91.1 (79)	60.4 (106)	31.6 (79)
Gram positive	(Sterile sites) [b]	56	- [d]		- [e]					- [e]	- [e]								- [e]	- [e]	- [e]				97.8 (46)		-					100 (53)				-	63.5 (52)		96.9 32	68.8 (48)	30.3 (33)
Gram positive	(Non-sterile sites) [c]	90	52.2 [d] (46)		- [e]					- [e]	- [e]								- [e]	- [e]	- [e]				100 (70)		-					100 (83)				-	63.6 (77)		88.1 (59)	50.6 (77)	28.8 (59)
Gram positive	(Meningitis: by E-test)	-	- [e]										- [e]		- [e]	- [e]																										
Gram positive	(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