Percentage of susceptible Organisms Isolated From All Specimen, Bangkok, 3 hospitals, Jan - Jun 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	IMIPENEM	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	COTRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* complex	133			R	R	54.5 (121)	51.9 (131)						-	-	52.6 (133)	-	-	-	51.9 (133)			R	51.1 (133)	51.1 (133)	- [e]		40.6 (133)		30.9 (55)			57.9 (133)	56.7 (60)		- [e]				R						61.3 (62)	- [u]
	(inpatient)	32			R	R	37.5 (32)	38.7 (31)						-	-	37.5 (32)	-	-	-	37.5 (32)			R	37.5 (32)	37.5 (32)	- [e]		31.2 (32)		31.2 (32)			56.2 (32)	50 (32)		- [e]				R						45.2 (31)	- [u]
	Acinetobacter spp.	275					-	21 (271)						2.8 (253)	-	25.1 (271)	-	-	-	24.4 (271)				23.7 (270)	23.6 (271)	- [e]		23.2 (271)		-			33.9 (271)	28.6 (266)		- [e]										28.9 (266)	- [u]
	Enterobacter cloacae	116			R	R	R	68.2 (85)	R	R	R	R	70.6 (85)	45.6 (90)	-	60.3 (116)	-	69.8 (86)	-	64.9 (111)		R	-	92.6 (94)	95.7 (94)	- [WT]	- [u]	66.4 (115)		82.8 (58)	- [u]	-	94 (116)	73.3 (116)		77.8 (36)						- [u]	-	52.9 (116)	-
	Enterobacter spp.	63			1.6 (61)	4.8 (63)	-	93.1 (58)	-	- [u]	44.8 (58)	-	94.8 (58)	76.7 (60)	-	87.3 (63)	-	-	-	88.5 (61)		0 (43)	-	96.7 (61)	96.7 (61)		- [u]	81 (63)		-	- [u]	-	98.4 (63)	95.2 (63)		100 (45)						- [u]	-	82.5 (63)	-
	Escherichia coli (all isolates)	2,272			12.4 (2201)	65.7 (2268)	68.7 (1178)	93.4 (1836)	-		54.6 (1836)	-	90.5 (1837)	56.4 (2014)	-	69.5 (2272)	-	59.4 (1615)	-	62.9 (2095)		88.1 (657)	98.1 (257)	98.9 (2125)	99.1 (2126)	- [WT]		39.5 (2272)		39 (1293)		-	98.8 (2271)	61.2 (2268)		95.1 (834)							-	43.5 (2267)	30.6 (372)
	(Urine)	1,281			12.1 (1235)	69 (1279)	68.1 (784)	95.4 (970)		- [u]	59.8 (969)	-	94.2 (970)	60.6 (1122)	-	72.8 (1281)	-	60.2 (1095)	-	67.1 (1129)		90.3 (186)	98.1 (158)	99.2 (1199)	99.2 (1199)	- [WT]	- [u]	37.6 (1281)		37.9 (862)	38.3 [u] (1093)	-	98.9 (1281)	60.9 (1277)		95.3 (338)				98.3 [u] (894)				97.1 [u] (309)	-	44 (1277)	32 (272)
	(Urine-inpatient)	151			13.7 (117)	62.9 (151)	-	-		- [u]	-	-	-	-	-	64.2 (151)	-	49 (151)	-	56.9 (137)		-	97.8 (136)	96.3 (82)	96.3 (82)	- [WT]	- [u]	40.4 (151)		17.6 (68)	40 [u] (150)	-	98.7 (151)	62.3 (151)		-				- [u]				99.3 [u] (150)	-	51 (151)	33.3 (117)
	Haemophilus influenzae (all isolates)	44			54.5 (44)	-	-	-			-	-		-	-	-	-	-	-	-			-	-	-			-		-													-	40.9 (44)	-
	(age > 5 years old)	37			56.8 (37)	-	-	-			-	-		-	-	-	-	-	-	-			-	-	-			-		-													-	37.8 (37)	-
	(Non-sterile sites) c	42			54.8 (42)	-	-	-			-	-		-	-	-	-	-	-	-			-	-	-			-		-													-	40.5 (42)	-
	Klebsiella pneumoniae (all isolates)	1,056			R	66.7 (1056)	62.4 (396)	76.8 (844)	-	- [u]	60.5 (843)	-	77.7 (844)	65.4 (891)	-	69.9 (1056)	-	70.4 (609)	-	69.3 (1009)		77.6 (447)	88.5 (165)	88.8 (939)	87.9 (939)	- [WT]	- [u]	61.2 (1056)		59 (444)	42.1 [u] (233)	-	91.9 (1055)	82.8 (1053)		88.1 (494)						58.5 [u] (53)	-	64.1 (1056)	63 (162)
	(ICU)	36			R	-	-	-	-	- [u]	-	-	-	-	-	61.1 (36)	-	58.3 (36)	-	61.1 (36)		-	72.2 (36)	-	-	- [WT]	- [u]	61.1 (36)		-	- [u]	-	77.8 (36)	75 (36)		-						- [u]	-	58.3 (36)	-
	(inpatient)	139			R	75.5 (139)	-	-	-	- [u]	-	-	-	-	-	77.7 (139)	-	73.4 (139)	-	75 (132)		-	90.9 (132)	79.1 (43)	72.1 (43)	- [WT]	- [u]	68.3 (139)		33.3 (36)	27.8 [u] (36)	-	91.4 (139)	85.6 (139)		-						63.9 [u] (36)	-	36.1 (36)	-
	Morganella morganii	49			R	R	16.7 (30)	95.3 (43)	R	R	R	R	95.3 (43)	89.4 (47)	-	89.8 (49)	-	97.3 (37)	-	93.2 (44)		-	-	66 (47)	100 (47)	R	- [u]	71.4 (49)		83.3 (30)	- [u]	-	100 (49)	75.5 (49)		-						R	-	67.3 (49)	
	Proteus mirabilis	300			49 (290)	84 (300)	81.4 (118)	99.6 (247)	-	- [u]	83.3 (246)	-	100 (246)	84.3 (261)	-	94.7 (300)	-	87.2 (172)	-	85.2 (284)		99.2 (128)	100 (38)	91.1 (271)	100 (271)	R	- [u]	68 (309)		65.4 (127)	64.4 [u] (87)	-	99.7 (300)	74.7 (300)		85.4 (144)						R	-	54.2 (309)	R
	Pseudomonas aeruginosa	706			R	R	R	85.1 (703)						R	R	85.8 (706)	-	R	R	85.1 (706)			R	81 (706)	80.5 (706)	- [e]		82.3 (705)		81.4 (424)	61.9 [u] (84)	-	90.4 (705)	85.3 (375)		91.1 (280)						R	R	R	R
	Salmonella , Nontyphoidal	520			44.7 (515)								-	80.2 (101)	-	80.6 (36)	-	86.6 (441)	-								- [u]	67.9 (520)	-	- [e]		- [e]											-	82.5 (520)	
	Stenotrophomonas maltophilia	123			R	R	R	R						R	R		-	R	R				R	R	R				87.2 (109)			R	R	R	R				R					- [e]	90.2 (123)	
	Vibrio parahaemolyticus	40			0 (40)	-	-	-	- [e]	- [e]	-			-	-	-	-			-		-		-	-			95 (40)	-	-		-	0 (40)	-											100 (40)	97.4 (39)
Gram positive	*Enterococcus faecalis*	442	75.3 (437)	-	98 (441)				R	R	R	R	R	R	R	R	R	R	R	R								31.5 [u] (54)	-	- [u]	- [u]	44.6 [u] (83)		R	R	66.3 [b] (439)	R	99.5 (442)	-	100 (410)	91.1 [u] (112)	R	R	13.1 (84)	-	-	- [u]	-	R	7.9 [e] (178)
	Enterococcus faecium	124	0.8 (124)	-	1.6 (124)				R	R	R	R	R	R	R	R	R	R	R	R								2.1 [u] (96)	- [u]	- [u]	- [u]	- [u]		R	R	60.5 [b] (124)	R	90.3 (124)	-	89.5 (114)		R	R	-	-	-	- [u]	-	R	- [u]
	Enterococcus spp.	49	36.7 (49)	-	51 (49)																							- [u]	- [u]	- [u]	- [u]				81.6 [b] (49)		98 (49)	-	96.9 (32)				-	-	-	- [u]	-		- [u]
	Staphylococcus aureus (all isolates)	621	-	8.5 (94)																	75.6 [f] (524)							71.7 (230)	85.1 (94)	-	- [u]	-			89.2 (500)				- [e]		73.5 (510)	76.4 (89)	80.8 (510)	73 (89)	-	- [u]	95.4 (65)	96 (521)	69.2 (214)
	(MRSA)	133	-	-																	0 [f] (133)							5.1 (59)	-	-	- [u]	-			61.7 (128)				- [e]		30 (130)	-	5.4 (130)	-	-	- [u]	-	86.3 (131)	64.8 (54)
	(MSSA)	396	-	-																	100 [f] (396)							92.6 (175)	-	-	- [u]	-			97.7 (385)				- [e]		87.5 (385)	-	78.7 (385)	-	-	- [u]	-	99 (395)	69.5 (164)
	(inpatient)	78	-	9.2 (76)																	- [f]							-	81.6 (76)	-	- [u]	-			-				98.7 (78)	- [e]		-	74.6 (71)	-	71.8 (71)	- [u]	94 (50)	-	-
	Staphylococcus, coagulase negative	452	-	5.1 (39)																	42.6 [f] (413)							56.4 (172)	61.5 (39)	-	44.3 [u] (70)	-			74.9 (399)				100 (39)	- [e]		37.7 (334)	33.3 (39)	37.4 (334)	38.5 (39)	- [u]	-		72.3 (412)	57.7 (149)
	Staphylococcus, coagulase negative (blood)	173	-	6.2 (32)																	44.3 [f] (140)							55 (80)	59.4 (32)	-		-			70.7 (133)				100 (33)	- [e]		35.7 (140)	31.2 (32)	35.7 (140)	37.5 (32)		-		74.1 (139)	64.8 (71)
	Streptococcus, β-hemolytic not Group A,B	60	100 (50)	-	-									-	-			100 (47)	-	-										-					97.9 (47)				87.8 (41)	-	76.2 (42)	-		-			-	
	Streptococcus pyogenes	72	100 (64)	-	-									-	-			100 (52)	-	-										-					100 (52)				88.5 (52)	-	88.2 (51)	-		-			-	
	Streptococcus pneumoniae (all isolates)	45	- [d]	-		- [e]					- [e]	- [e]																		100 (35)		-				100 (40)				46.3 (41)	-	43.9 (41)	-		-		35.9 (39)	-
	(age > 5 years old)	38	- [d]	-		- [e]					- [e]	- [e]																		-		-				100 (34)				52.9 (34)	-	52.9 (34)	-		-		34.4 (32)	-
	(Non-sterile sites) c	36	- [d]	-		- [e]					- [e]	- [e]																		-		-				100 (31)				40.6 (32)	-	40.6 (32)	-		-		30 (30)	-
	(Meningitis: by E-test)	-		-											-				-	- [e]																											
	(Nonmeningitis: by E-test)	-		-		- [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 : HighLevel Aminoglycoside

u : Urine, Urine Catheter, Urine Clean Voided

WT : Wildtype