

Percentage of susceptible Organisms Isolated From Urine, 4 hospitals, Bangkok, Jan - Dec 2017

Organism	TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYXINS	QUINOLONES				AMINOGLYCOSIDES			GLYCOPEPTIDES		MISCELLANEOUS															
		PENICILLIN	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN/ SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (U)	CEFTIOXIME SODIUM (Oral)	CEFOPERAZONE/ SULBACTAM	CEFOTAXIME	CEFOTAXIME BY MIC	CEFTAZIDIME	CEFTAZIDIME BY MIC	CEFTRIAXONE	CEFEPIME	OXAACILIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TECOPLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTON	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE				
<i>Acinetobacter calcoaceticus-baumannii</i> complex	64			48.2 (61)	28.1 (64)						31.2 (64)			28.1 (64)			29.7 (64)	29.7 (64)				21.9 (64)					48.4 (64)																	
<i>Acinetobacter</i> spp.	-																																											
<i>Enterobacter cloacae</i>	65				61.4 (44)			58.1 (43)	43.1 (51)		56.9 (65)		60.7 (56)	61.4 (57)			87 (54)	87.3 (55)				61.5 (65)	63.2 (38)	67.9 (56)		92.3 (65)	65.6 (64)														61.5 (65)			
<i>Enterobacter</i> spp.	-																																											
<i>Escherichia coli</i>	2938	13.2 (2933)	74.4 (2938)	66.9 (1657)	94.2 (2012)		59.8 (2007)	94.1 (2017)	61.2 (2483)		74.4 (2935)	62.1 (2589)	65.4 (2464)		85.9 (347)	98.5 (454)	99.3 (2677)	99.2 (2689)	100 <sup>WT</sup> (173)			40.5 (2937)	41.6 (1868)	42.3 (2566)		98.9 (2937)	61.2 (2919)		94.9 (820)							97.6 (1860)			97.9 (926)			41.6 (2937)	32.9 (929)	
<i>Klebsiella pneumoniae</i>	591		56.9 (591)	50.8 (315)	71.6 (412)		50.1 (411)	73.2 (411)	56.5 (506)		58.9 (591)	61.6 (495)	58.3 (496)		66.7 (96)	85.9 (85)	88.1 (538)	87.5 (543)				46.8 (590)	53.8 (353)	53.4 (491)		89.3 (589)	73.5 (585)		78.5 (191)								57.8 (180)	48.1 (590)	51.7 (180)					
<i>Klebsiella</i> spp.	99	0 (99)	34.3 (99)	40.5 (37)			55 (40)	92.5 (41)	56.5 (69)		55.6 (99)	51.6 (95)	57.1 (70)		56.7 (30)	78.8 (85)	78.8 (85)					52.5 (99)	50.9 (53)	54.7 (95)		86.9 (99)	72.6 (95)		87.1 (31)							47.5 (59)	55.6 (59)	49.2 (59)						
<i>Morganella morganii</i>	45			25 (32)				100 (34)	88.6 (44)		93.3 (45)	97.7 (44)	100 (35)				83.7 (43)	100 (44)				80 (45)	87.9 (33)	83.7 (43)		100 (45)	77.8 (45)												77.8 (45)					
<i>Moraxella catarrhalis</i>	-																																											
<i>Proteus mirabilis</i>	267	48.5 (266)	86.1 (267)	82.5 (114)	100 (149)			99.3 (149)	83.9 (211)		94.4 (267)	85.8 (232)	86.3 (204)		100 (35)	100 (56)	95.9 (219)	100 (220)				63.7 (267)	62.6 (123)	65.2 (230)		100 (267)	75.6 (266)		82.5 (97)															
<i>Pseudomonas aeruginosa</i>	242				74.3 (241)						69.4 (242)		68.2 (242)				67.2 (241)	68.6 (242)	100 <sup>e</sup> (124)			65.1 (241)	63.8 (188)	66.2 (213)			63 (119)		77.4 (53)															
Salmonella, typhoidal	-																																											
<i>Salmonella</i> , Non-typhoidal	-																																											
<i>Enterococcus faecalis</i>	278	73.3 (277)	98.9 (278)																			27.2 <sup>u</sup> (114)	53.8 <sup>u</sup> (52)	39.7 <sup>u</sup> (194)			66.7 <sup>h</sup> (273)		100 (278)		100 (227)	78.1 <sup>u</sup> (224)							98 <sup>u</sup> (49)			8.8 <sup>u</sup> (114)		
<i>Enterococcus faecium</i>	49	4.1 (49)	4.1 (49)																			10 <sup>u</sup> (30)		2.6 <sup>u</sup> (38)			69.4 <sup>h</sup> (49)		89.8 (49)												6.7 <sup>u</sup> (30)			
<i>Enterococcus</i> spp.	81	38.3 (81)																				24.5 <sup>u</sup> (53)		32.8 <sup>u</sup> (61)			70.4 <sup>h</sup> (81)		87.7 (81)		80.4 (46)													
<i>Staphylococcus aureus</i>	67												71.7 <sup>f</sup> (53)												79.2 <sup>u</sup> (53)																			
(MRSA)	-																																											
(MSSA)	38												100 <sup>f</sup> (38)													96.8 <sup>u</sup> (31)																		
<i>Staphylococcus</i> , coagulase negative	130												29.8 <sup>f</sup> (124)												50 <sup>u</sup> (124)																			
(MRCNS)	87												0 (87)																															
(MSCNS)	37												100 <sup>f</sup> (37)																															
<i>Streptococcus</i> , beta-haem. not Group A,B	-																																											
<i>Streptococcus agalactiae</i>	-																																											

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

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

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

<sup>d</sup>: Interpretate according to oxacillin susceptibility test

<sup>e</sup>: MIC Interpretive Criteria

<sup>f</sup>: Interpretate according to ceftioxin susceptibility test

<sup>h</sup>: High-Level Aminoglycoside

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