

Percentage of susceptible Organisms Isolated From Sputum, 83 hospitals, Jan - Dec 2023

Organism		TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES		GLYCO PEPTIDES	MISCELLANEOUS							
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN / CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN	CEFUROXIME SODIUM (Oral)	a	CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	VANCOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE	
Gram negative	Acinetobacter calcoaceticus-baumannii complex	34607			R	R	21.5 (13763)	19.6 (29877)				11.9 (16795)	20.1 (34071)	11.2 (24825)	19.5 (22483)			R	19.4 (31889)	19.4 (34071)	94.5 (19606)	22.4 (33137)	24.2 (21124)	37.4 (31566)	26.5 (27280)					R	27.4 (28507)		
	Acinetobacter spp.	1240					65.0 (363)	66.5 (1087)				33.7 (846)	62.0 (1225)	34.5 (985)	69.9 (920)				68.9 (1156)	65.9 (1207)		73.3 (1192)	75.8 (678)	82.6 (1195)	74.1 (1064)						66.6 (1096)		
	Burkholderia pseudomallei	419				85.6 ° (132)							97.7 ° (303)						95.3 ° (275)												64.7 ° (275)	- °	
	Enterobacter cloacae	2824			R	R	R	70.6 (2633)	R	R	84.5 (1037)	60.9 (1573)	65.1 (2641)	60.3 (2366)	75.9 (1930)		R	89.4 (2681)	90.5 (2471)	92.7 (2787)	85.6 (1216)	71.0 (2749)	75.8 (1635)	58.1 (2716)	82.8 (2291)				-	71.2 (2353)	64.2 (109)		
	Enterobacter spp.	932			6.9 (598)	10.2 (883)	20.4 (162)	63.2 (894)	1.9 (216)	8.8 (182)	90.4 (480)	59.8 (589)	67.7 (916)	61.0 (776)	70.8 (782)		11.2 (598)	88.2 (890)	89.8 (844)	92.4 (929)		67.7 (900)	81.3 (534)	55.7 (909)	81.7 (684)				-	73.6 (879)	-		
	Escherichia coli	6644			11.3 (3532)	63.9 (6141)	37.4 (1419)	72.4 (6273)	17.3 (1197)	14.8 (671)	81.2 (2582)	40.9 (3633)	56.5 (6102)	41.7 (5273)	55.4 (4833)		77.8 (3382)	88.5 (6290)	90.2 (6007)	90.6 (6561)	98.3 (3591)	36.8 (6503)	41.0 (3541)	59.1 (6437)	65.8 (5353)				58.6 (191)	39.6 (5640)	36.1 (324)		
	Haemophilus influenzae	1213			60.6 (1116)	93.0 (754)	75.6 (41)	98.3 (121)		-		98.2 (733)	97.5 (471)	97.9 (896)				97.6 (168)	86.0 (129)	98.2 (544)		95.7 (719)	97.7 (350)						90.5 (158)	52.1 (1001)	66.2 (195)		
	Klebsiella aerogenes	941			R	R	R	69.1 (873)	R	R	87.7 (326)	65.8 (527)	73.5 (873)	68.0 (756)	85.9 (626)		R	92.4 (890)	86.5 (821)	93.4 (923)	95.4 (437)	77.2 (913)	78.8 (518)	62.3 (917)	88.3 (753)				-	80.1 (763)	-		
	Klebsiella pneumoniae	32353			R	62.2 (30355)	51.6 (6916)	57.1 (30291)	31.1 (4846)	29.0 (2658)	69.8 (12658)	55.8 (17252)	57.7 (29764)	53.8 (26497)	60.7 (21379)		76.5 (15981)	79.9 (30786)	81.7 (27998)	82.8 (31698)	95.1 (16610)	53.0 (31310)	60.0 (17968)	58.2 (31030)	81.7 (26045)				60.2 (568)	55.8 (27044)	64.5 (668)		
	Klebsiella spp.	3224			1.4 (1191)	43.8 (2426)	33.1 (619)	61.0 (3063)	7.8 (1053)	20.1 (179)	79.4 (1189)	59.1 (1267)	67.2 (2468)	61.9 (2250)	64.2 (2645)		44.0 (1171)	85.0 (2503)	79.2 (2948)	83.6 (3181)		59.6 (3144)	71.8 (1253)	65.0 (3135)	84.8 (2160)				60.5 (43)	55.7 (2074)	73.2 (56)		
	Moraxella catarrhalis	273				97.5 (242)				- °				94.4 ° (36)										97.1 ° (35)				- °	95.0 (139)	- °	65.3 (222)	85.9 (92)	
	Proteus mirabilis	1724			59.0 (848)	86.9 (1562)	83.8 (266)	94.2 (1620)	23.2 (284)	68.8 (279)	97.8 (686)	76.1 (961)	92.4 (1593)	83.3 (1378)	88.8 (1147)		92.9 (893)	96.9 (1658)	69.3 (1411)	96.6 (1698)	R	73.3 (1687)	72.9 (818)	66.8 (1680)	76.9 (1388)				-	57.3 (1480)	R		
	Pseudomonas aeruginosa	19104			R	R	R	79.5 (18021)				R	82.9 (18953)	R	83.7 (12644)			R	79.6 (17726)	80.9 (18862)	96.8 (9922)	83.2 (18539)	78.2 (12938)							R	R	R	
	Salmonella, Typhoidal				-						-	-	-	-									-	- °							-	-	
	Salmonella, Non-typhoidal	50			56.3 (32)						-	-	82.5 (40)	78.6 (42)									54.2 (48)	- °							-	87.8 (41)	
	Serratia marcescens	1099			R	R	R	82.4 (762)	R	R	95.2 (399)	61.9 (567)	78.3 (1027)	76.5 (945)	84.3 (832)			R	94.0 (1070)	92.3 (858)	94.8 (1086)	R	78.4 (1076)	79.9 (682)	55.5 (1069)	93.6 (903)				-	82.3 (961)	-	
	Stenotrophomonas maltophilia	6046			R	R	R	R				R	- °	R				R	R	R				90.5 (5340)	R	R					54.7 ° (53)	87.6 (5581)	8.8 (57)
Gram positive	Staphylococcus aureus	9455	17.0 (589)	19.9 (4351)												90.4 † (8341)						91.7 (6516)	94.2 (3647)		96.2 (7915)	99.7 ° (5128)	92.3 (8925)	89.2 (8862)	96.9 (3055)	94.3 (8645)	62.7 (4050)		
	(MRSA)	568	- (363)	0.0 (363)												0.0 † (568)						45.3 (422)	39.8 (251)		79.1 (506)	98.2 ° (437)	38.2 (532)	30.6 (540)	86.6 (224)	82.7 (504)	50.4 (268)		
	(MSSA)	7812	17.8 (467)	21.6 (3983)												96.7 † (7812)						96.7 (5052)	98.1 (3329)		97.5 (6551)	99.8 ° (4608)	96.4 (7359)	93.9 (7283)	97.6 (2788)	94.8 (6983)	62.6 (3330)		
	Streptococcus pneumoniae	1943	- ° (961)	36.7 (961)		89.6 ° (317)				58.6 ° (162)														97.8 (1321)			99.6 (1815)	67.9 (1806)	49.3 (1811)	88.6 (927)	43.0 (1601)	26.9 (809)	

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

^d : Interpretate according to oxacillin susceptibility test

^e : MIC Interpretive Criteria

*N <30 isolates tested. The result is not significant as per CLSI guidelines

* ข้อมูลความไวจากวิธี disk diffusion และ MIC รวมกัน

* COLISTIN คำนวณจาก Intermediate

[†] : Interpretate according to cefoxitin susceptibility test

R : Intrinsic resistance

