

Percentage of susceptible Organisms Isolated From Sputum, 94 hospitals, Jan - Dec 2024

Organism		TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES		GLYCO PEPTIDES	MISCELLANEOUS							
			PENICILLIN	PENICILLIN BY MIC	AMPCILLIN	AMOXICILLIN / CLAVULANIC ACID	AMPCILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM	CEFTOXIME	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	33426			R	R	22.9 (14253)	20.8 (28677)					14.4 (14554)	21.1 (31332)	12.2 (24856)	21.1 (21904)		R	20.5 (31084)	20.6 (32309)	95.6 (22277)	23.8 (32137)	25.2 (20290)	37.8 (27941)	28.1 (24489)				R	27.9 (26879)			
	Acinetobacter spp.	891					72.8 (290)	65.0 (772)					47.2 (466)	64.2 (823)	47.8 (598)	74.8 (584)			70.9 (770)	65.4 (882)		70.8 (866)	80.2 (545)	87.3 (819)	76.2 (647)					61.3 (758)			
	Burkholderia pseudomallei	463				93.8 ^e (193)							95.6 ^e (411)						97.6 ^e (375)											70.2 ^e (383)	- ^e		
	Enterobacter cloacae	3057			R	R	R	74.9 (2903)		R	R	87.9 (1196)	65.3 (1538)	70.7 (2818)	64.2 (2546)	77.9 (2217)		R	90.5 (2936)	91.1 (2847)	93.5 (3023)	83.3 (1457)	74.1 (2985)	77.8 (1659)	67.6 (2992)	84.0 (2492)				-	74.8 (2616)	63.7 (113)	
	Enterobacter spp.	608			17.7 (231)	13.7 (563)	32.1 (84)	77.9 (579)	0.0 (60)	17.1 (140)	91.7 (349)	70.6 (286)	74.0 (580)	67.9 (467)	80.5 (466)		18.4 (299)	92.1 (582)	91.4 (538)	95.7 (605)		78.4 (596)	91.6 (346)	80.1 (603)	87.4 (389)				-	78.2 (563)	-		
	Escherichia coli	6605			12.1 (3299)	65.3 (6113)	42.2 (1113)	73.4 (6343)	16.6 (819)	22.4 (781)	79.1 (2685)	41.0 (3206)	57.5 (5940)	40.9 (5326)	53.5 (4761)		81.0 (3034)	87.8 (6430)	89.7 (6182)	98.8 (6541)	98.3 (3973)	34.7 (6482)	38.8 (3365)	69.1 (6411)	66.5 (5240)				72.5 (51)	39.4 (5638)	29.0 (183)		
	Haemophilus influenzae	1389			57.3 (1322)	94.7 (825)	81.9 (72)	98.0 (149)		-		98.3 (885)	94.0 (420)	97.2 (1007)				87.1 (217)	87.9 (173)	95.2 (648)		96.7 (766)	96.8 (442)						90.5 (126)	46.5 (1169)	55.5 (229)		
	Klebsiella aerogenes	907			R	R	R	74.5 (859)		R	R	93.0 (374)	74.9 (431)	77.5 (823)	71.1 (730)	88.4 (653)		R	93.6 (880)	87.3 (822)	94.8 (896)	93.5 (520)	80.7 (881)	83.0 (435)	73.6 (878)	91.3 (699)				-	78.7 (761)	-	
	Klebsiella pneumoniae	31802			R	64.8 (29610)	56.4 (5031)	61.4 (30544)	30.1 (3781)	35.5 (3288)	73.6 (12718)	59.9 (15385)	61.1 (28428)	56.8 (25117)	62.2 (21929)		80.4 (14543)	81.2 (30813)	83.5 (29189)	85.1 (31424)	95.9 (18684)	55.3 (31069)	62.9 (15798)	69.7 (30566)	84.5 (25711)				79.5 (244)	57.8 (27459)	63.4 (786)		
	Klebsiella spp.	2205			2.5 (725)	41.7 (2020)	41.1 (319)	70.7 (2110)	26.3 (186)	32.5 (160)	81.4 (1146)	71.7 (823)	71.7 (2072)	65.5 (1915)	76.0 (1685)		41.9 (780)	89.3 (2132)	88.0 (2018)	91.6 (2189)		70.3 (2153)	78.6 (946)	76.2 (2149)	87.7 (1741)				85.7 (35)	56.7 (1947)	61.4 (57)		
	Moraxella catarrhalis	345				94.1 (323)				- ^e				93.5 ^e (46)									100 ^e (35)				- ^e	94.8 (173)	- ^e	74.8 (298)	84.1 (113)		
	Proteus mirabilis	1685			57.4 (800)	85.7 (1453)	73.9 (253)	94.0 (1641)	18.5 (173)	79.8 (312)	98.1 (733)	76.6 (813)	93.6 (1557)	83.7 (1292)	88.9 (1129)		93.8 (821)	97.2 (1598)	62.5 (1412)	96.8 (1642)	R	74.2 (1659)	69.1 (738)	77.6 (1649)	77.5 (1276)				-	59.6 (1443)	R		
	Pseudomonas aeruginosa	19477			R	R	R	79.4 (18745)				R	84.2 (18911)	R	85.8 (12989)			R	80.8 (18350)	82.0 (19108)	96.5 (10853)	83.9 (19187)	80.7 (12244)							R	R	R	
	Salmonella, Typhoidal	1			-					-	-	-	-	-									-	- ^e							-	-	
	Salmonella, Non-typhoidal	48			54.8 (31)					-	-	92.1 (38)	86.8 (38)										50.0 (48)	- ^e							-	86.7 (45)	
	Serratia marcescens	1210			R	R	R	86.2 (788)		R	R	95.3 (408)	59.6 (629)	74.8 (1072)	72.4 (940)	84.7 (764)		R	93.2 (1169)	91.3 (969)	94.7 (1191)	R	74.5 (1147)	73.6 (645)	68.9 (1116)	95.1 (971)				-	84.5 (1032)	-	
	Stenotrophomonas maltophilia	6179			R	R	R	R				R	- ^e	R				R	R	R			89.6 (5216)	R	R					- ^e	88.2 (5748)	-	
Gram positive	Staphylococcus aureus	10134	18.5 (594)	21.9 (5245)												87.8 ^f (10134)						93.0 (7979)	93.8 (3782)		96.1 (8490)	99.7 ^e (6531)	93.1 (9286)	90.2 (9326)	96.7 (2884)	95.1 (9252)	63.4 (5049)		
	(MRSA)	887	0.0 (32)	0.0 (465)												0.0 ^f (887)						51.1 (752)	42.5 (341)		84.4 (777)	98.4 ^e (623)	50.8 (789)	41.6 (799)	85.3 (293)	90.6 (787)	61.1 (481)		
	(MSSA)	9490	17.6 (432)	24.1 (4772)												95.8 ^f (9490)						97.2 (7069)	98.4 (3450)		97.2 (7670)	99.8 ^e (8399)	97.0 (8427)	94.6 (2608)	98.0 (8266)	95.8 (8266)	63.6 (4422)		
	Streptococcus pneumoniae	2098	- ^d	42.3 (1303)		89.7 ^e (330)				52.8 ^e (216)														98.5 (1566)			99.5 (1949)	67.4 (1885)	48.1 (1908)	88.8 (1290)	45.5 (1862)	30.3 (1101)	

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

^d : Interpret according to oxacillin susceptibility test

^e : MIC Interpretive Criteria

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

* ข้อมูลการวัดด้วยวิธี disk diffusion และ MIC รวมกัน

* COLISTIN จำนวนพอควร Intermediate

^f : Interpret according to cefoxitin susceptibility test

R : Intrinsic resistance

