

Percentage of susceptible Organisms Isolated From Sputum, 107 hospitals, Jan - Dec 2025

Organism		TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES		GLYCO PEPTIDES	MISCELLANEOUS									
			PENICILLIN	PENICILLIN BY MIC		AMPICILLIN	AMOXICILLIN / CLAVULANIC ACID		AMPCILLIN / 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	30793			R	R	20.5 (13656)	20.6 (27066)						15.8 (13226)	21.5 (30069)	11.2 (22038)	23.3 (17836)			R	20.4 (29137)	21.0 (30318)	97.0 (20558)	24.4 (30414)	26.5 (19987)	35.8 (26704)	27.2 (25385)					R	29.2 (26301)		
	Acinetobacter spp.	1100					60.3 (547)	60.8 (891)						48.0 (552)	58.3 (1088)	47.3 (824)	69.8 (596)				65.0 (992)	63.2 (1079)		72.0 (1088)	77.7 (831)	84.0 (1052)	74.6 (875)						60.8 (943)		
	Burkholderia pseudomallei	378				96.2 ° (159)									95.8 ° (334)							97.8 ° (277)											93.8 ° (305)	- °	
	Enterobacter cloacae	2910			R	R	R	73.9 (2681)		R	R	19.9 (1028)	64.1 (1430)	68.4 (2650)	64.3 (2426)	74.1 (1887)			R	89.8 (2724)	91.3 (2697)	93.6 (2864)	83.2 (1435)	70.8 (2860)	76.6 (1821)	76.9 (2780)	82.4 (2470)					-	75.9 (2524)	64.0 (253)	
	Enterobacter spp.	887			9.1 (309)	8.6 (810)	15.6 (147)	78.8 (834)	9.6 (114)	25.9 (81)	50.5 (410)	70.3 (454)	72.6 (840)	66.7 (708)	82.4 (529)			9.7 (390)	92.8 (839)	92.6 (768)	96.3 (873)			79.4 (873)	87.1 (564)	89.5 (859)	86.2 (679)					-	81.6 (858)	-	
	Escherichia coli	6783			13.1 (3594)	66.8 (6255)	35.8 (1528)	78.7 (6335)	20.1 (1119)	27.7 (523)	25.5 (2221)	39.1 (3467)	57.9 (6079)	40.3 (5431)	54.5 (4134)			79.1 (2504)	91.0 (6529)	92.3 (6220)	93.2 (6686)	98.0 (4126)	35.6 (6646)	40.0 (4073)	77.5 (6533)	67.3 (5740)						61.0 (154)	42.1 (6018)	27.1 (494)	
	Haemophilus influenzae	1312			53.5 (1273)	18.5 (715)	74.9 (211)	84.8 (224)		-			97.6 (825)	87.7 (416)	94.4 (936)						86.2 (203)	83.5 (273)	93.5 (689)		92.5 (707)	94.2 (480)						90.3 (247)	45.5 (1105)	57.5 (320)	
	Klebsiella aerogenes	920			R	R	R	78.0 (830)		R	R	31.1 (302)	74.1 (440)	75.7 (808)	70.5 (725)	86.9 (589)			R	95.2 (879)	88.6 (831)	96.2 (906)	95.5 (508)	80.5 (896)	80.1 (539)	82.6 (876)	91.3 (744)					-	80.9 (790)	69.4 (72)	
	Klebsiella pneumoniae	32272			R	66.4 (29997)	52.0 (7315)	65.7 (30133)	36.2 (5255)	43.3 (2356)	27.9 (10094)	58.8 (17334)	62.1 (28816)	59.1 (25361)	63.4 (19459)			77.6 (12745)	81.0 (30934)	83.2 (29699)	84.7 (31697)	97.0 (19481)	57.7 (31531)	62.2 (19238)	76.9 (30976)	83.1 (27860)						65.3 (628)	61.4 (29190)	58.9 (2175)	
	Klebsiella spp.	2526			1.4 (809)	45.6 (2217)	32.8 (433)	75.0 (2285)	34.3 (245)	58.1 (248)	18.3 (932)	72.5 (913)	74.4 (2275)	69.2 (2103)	77.3 (1537)			52.3 (904)	87.9 (2421)	85.5 (2139)	90.2 (2491)		74.5 (2400)	77.5 (1162)	83.2 (2354)	89.9 (2109)						77.5 (40)	64.5 (2236)	69.9 (146)	
	Moraxella catarrhalis	440				69.8 (397)				- °					97.9 ° (142)											98.4 ° (129)					- °	97.7 (133)	- °	61.0 (377)	85.7 (126)
	Proteus mirabilis	1524			54.8 (772)	87.7 (1239)	71.3 (282)	94.7 (1426)	31.6 (171)	73.0 (252)	36.8 (497)	76.4 (811)	92.2 (1389)	80.4 (1180)	85.6 (949)			92.2 (645)	97.8 (1432)	66.3 (1101)	96.9 (1481)	R	70.9 (1505)	68.1 (914)	78.5 (1481)	73.5 (1274)						-	61.0 (1347)	R	
	Pseudomonas aeruginosa	19339			R	R	R	79.9 (18364)				R	84.0 (18966)	R	84.7 (10487)				R	81.0 (17960)	83.0 (18921)	98.2 (11447)	83.3 (19063)	79.5 (12762)									R	R	R
	Salmonella, Typhoidal	1			-						-	-	-	-											-	- °							-	-	
	Salmonella, Non-typhoidal	55			61.5 (39)						-	-	25.0 (40)	83.3 (48)											47.2 (53)	40.6 ° (32)							-	85.7 (49)	
Serratia marcescens	1384			R	R	R	87.3 (916)		R	R	25.3 (455)	69.8 (673)	77.4 (1226)	70.6 (1079)	89.2 (676)			R	88.2 (1325)	85.4 (1150)	90.1 (1356)	R	75.2 (1304)	79.6 (798)	85.0 (1283)	93.8 (1162)						-	84.6 (1195)	20.6 (68)	
Stenotrophomonas maltophilia	6119			R	R	R	R					R	- °	R					R	R	R				90.0 (4942)		R	R					55.3 ° (132)	92.2 (5697)	0.0 (106)
Gram positive	Staphylococcus aureus	10495	22.0 (618)	22.5 (6568)															89.2 † (10495)						93.2 (8637)	93.2 (3986)		95.5 (9287)	99.8 ° (7691)	92.9 (9875)	89.6 (9852)	97.0 (2449)	94.8 (9970)	64.1 (5766)	
	(MRSA)	1079	0.0 (39)	0.0 (645)															0.0 † (1079)						56.6 (884)	54.9 (495)		86.2 (928)	99.0 ° (771)	55.2 (936)	44.6 (948)	88.5 (315)	88.5 (951)	65.3 (547)	
	(MSSA)	9603	20.1 (437)	25.0 (5896)															97.6 † (9603)						97.0 (7661)	98.0 (3558)		96.4 (8383)	99.9 ° (6939)	96.6 (8799)	96.6 (8761)	98.0 (2183)	95.7 (8845)	63.9 (5035)	
	Streptococcus pneumoniae	2496	- †	47.5 (1702)		84.5 ° (541)				57.6 ° (314)																98.5 (1917)			99.5 (2352)	67.1 (2374)	51.1 (2385)	88.8 (1682)	44.9 (2268)	36.0 (1453)	

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

^f : Interpret according to cefoxitin susceptibility test

^d : Interpret according to oxacillin susceptibility test

R : Intrinsic resistance

^e : MIC Interpretive Criteria

* COLISTIN คำว่าพบเจอ Intermediate

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

* ข้อมูลความไวจากวิธี disk diffusion และ MIC รวมกัน

