

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

Organism		TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS		POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES		GLYCOPEPTIDES	MISCELLANEOUS										
			PENICILLIN	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (U)	CEFUOXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICoplanin	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	Acinetobacter calcoaceticus-baumannii complex	4691		R	R	15.3 (1876)	16.5 (4082)				11.1 (2158)	16.9 (4589)	10.0 (3487)	16.4 (2816)			R	16.9 (4398)	17.8 (4612)	96.7 (3260)	18.4 (4639)	19.9 (3024)		39.3 (3975)	26.9 (3842)				R				R	22.5 (3925)	27.1 (336)
	Acinetobacter spp.	210				44.6 (83)	53.2 (190)				35.7 (98)	45.4 (205)	37.2 (145)	48.7 (115)				48.7 (191)	49.5 (208)		52.7 (207)	62.7 (142)		77.0 (204)	65.1 (172)								48.5 (194)	-	
	Burkholderia pseudomallei	142			96.9 ^a (64)							98.1 ^a (108)						98.0 ^a (100)															91.9 ^a (99)	- ^e	
	Enterobacter cloacae	1879		R	R	R	54.6 (1747)		R	R	10.7 (662)	47.2 (892)	50.8 (1693)	48.4 (1497)	56.2 (1097)		R	75.8 (1718)	83.3 (1735)	85.0 (1836)	86.4 (984)	42.8 (1839)	45.4 (1091)		78.5 (1752)	68.7 (1593)						52.2 (412)	46.3 (41)	56.7 (1669)	46.3 (177)
	Enterobacter spp.	360		2.6 (192)	7.9 (317)	6.9 (87)	61.4 (324)	3.0 (67)	22.2 (45)	30.5 (105)	49.3 (203)	57.5 (334)	55.6 (313)	58.0 (188)		6.4 (156)	77.5 (320)	82.7 (289)	84.1 (345)		56.8 (354)	58.8 (216)	-	79.4 (339)	75.4 (301)						65.6 (32)	-	70.1 (345)	-	
	Escherichia coli	51048		17.3 (28668)	73.0 (44943)	41.4 (11592)	83.6 (47109)	24.8 (9364)	38.2 (4469)	17.4 (15973)	53.7 (24617)	68.7 (45314)	55.0 (41690)	63.3 (28433)		83.5 (17340)	94.9 (48236)	95.3 (46205)	95.6 (49782)	99.0 (32806)	30.5 (49962)	32.2 (29104)	44.4 (3483)	79.7 (48329)	70.6 (42970)			97.5 (15192)			89.5 (10085)	73.8 (1424)	43.5 (44511)	28.6 (4298)	
	Klebsiella pneumoniae	15540		R	54.4 (13705)	37.2 (3906)	53.1 (14428)	24.4 (2808)	28.7 (1347)	13.3 (4814)	46.4 (7815)	49.0 (13760)	46.5 (12899)	50.1 (8250)		67.1 (5074)	74.5 (14658)	77.5 (14161)	78.9 (15168)	96.1 (10111)	36.6 (15220)	41.0 (9028)	57.5 (1007)	75.2 (14606)	74.7 (13236)						55.6 (3158)	52.2 (370)	47.7 (13801)	45.7 (1205)	
	Klebsiella spp.	1451		1.2 (519)	39.7 (1241)	22.1 (231)	65.0 (1322)	16.6 (181)	45.2 (104)	10.0 (579)	63.2 (517)	63.3 (1305)	58.0 (1226)	62.8 (889)		44.0 (436)	83.7 (1353)	83.2 (1252)	87.5 (1415)		54.4 (1402)	58.6 (703)	77.4 (31)	79.1 (1362)	81.1 (1220)						65.0 (197)	64.3 (56)	52.5 (1302)	49.6 (137)	
	Morganella morganii	1259		R	R	24.7 (356)	90.5 (1120)		R	R	18.8 (432)	71.8 (602)	85.0 (1140)	82.6 (1045)	86.5 (451)		61.4 (451)	97.9 (1143)	41.6 (1044)	98.3 (1175)	R	64.0 (1236)	59.5 (707)	76.0 (100)	82.4 (1184)	80.9 (1084)						-	69.7 (1119)	29.6 (81)	
	Proteus mirabilis	5305		52.1 (2945)	85.0 (4257)	71.5 (1317)	93.3 (4818)	23.9 (850)		23.5 (1507)	79.5 (2705)	93.5 (4658)	82.3 (4397)	80.7 (2756)		92.9 (1729)	97.8 (4879)	60.8 (3782)	97.3 (5044)	R	59.2 (5198)	56.7 (3046)	71.8 (294)	76.5 (4940)	68.5 (4516)						R	59.1 (44)	53.8 (4692)	R	
	Pseudomonas aeruginosa	7464		R	R	R	58.6 (7081)				R	39.9 (7315)		R	60.4 (3901)		R	58.7 (6919)	60.7 (7336)	96.7 (4660)	96.7 (7372)	58.2 (4726)	55.9 (4726)		72.6 (5952)							R	R	R	
	Salmonella, Typhoidal	3		-						-	-	-	-								-	- ^e										-	-		
	Salmonella, Non-typhoidal	229		57.0 (158)						5.5 (55)	80.9 (115)	9.3 (161)	76.9 (182)									40.3 (216)	30.8 ^a (117)									-	79.6 (211)		
Gram positive	Enterococcus faecalis	13369	78.6 (7904)	97.7 (13283)				R	R	R	R	R	R	R							38.7 (10230)	47.0 (5033)		R	R	56.7 ^h (2104)	99.4 (13117)	96.5 (5339)	93.3 (2331)	R	10.0 (7965)	97.0 (2268)		R	10.2 (7416)
	Enterococcus faecium	8164	3.2 (4835)	3.2 (8112)				R	R	R	R	R	R	R							2.6 (8535)	5.9 (3139)		R	R	76.6 ^h (1092)	82.9 (7990)	87.4 (3341)		R	2.6 (4968)	18.6 (1563)		R	18.7 (4513)
	Enterococcus spp.	588	46.8 (385)	59.2 (583)																	37.9 (475)	48.3 (209)				84.4 ^h (64)	78.4 (527)	92.1 (177)			21.4 (262)	67.2 (58)			19.0 (342)
	Staphylococcus aureus	1629	22.7 (1140)											91.0 ^f (1629)							92.2 (1334)	92.8 (552)			94.8 (1433)	99.8 ^a (1229)	99.4 ^a (690)		92.1 (1185)	90.3 (1252)	98.4 (255)	96.5 (259)	91.5 (1551)	64.1 (959)	
	(MRSA)	138	0.0 (100)											0.0 ^f (138)							54.8 (115)	52.7 (55)			85.5 (124)	98.0 ^a (101)	95.8 ^a (71)		54.5 (99)	53.5 (101)	-	-	82.9 (129)	60.0 (85)	
	(MSSA)	1504	24.6 (1015)											98.8 ^f (1504)							95.7 (1204)	97.4 (494)			95.8 (1306)	99.8 ^a (1113)	99.7 ^a (617)		95.5 (1060)	93.5 (1127)	98.7 (236)	96.9 (228)	91.5 (1390)	64.5 (849)	
	Staphylococcus, coagulase negative	2371	14.4 (1439)											40.2 ^f (2219)							62.9 (1737)	67.9 (599)			75.1 (1950)	99.0 ^a (1542)	97.2 ^a (898)		62.1 (1600)	46.0 (1571)	96.6 (292)	88.2 (238)	65.8 (2196)	55.4 (1409)	
	(MRCNS)	1292	0.0 (861)											0.0 ^f (1292)							41.2 (998)	46.5 (325)			61.1 (826)	98.3 ^a (826)	96.5 ^a (577)		47.8 (879)	30.1 (96)	97.6 (137)	84.7 (1211)	52.7 (824)	42.2 (824)	
	(MSCNS)	931	37.0 (514)											96.0 ^f (931)							95.2 (671)	94.0 (265)			95.0 (784)	99.8 ^a (604)	98.4 ^a (309)		83.4 (578)	68.3 (605)	96.5 (115)	92.7 (96)	83.5 (852)	76.5 (528)	
	Streptococcus, β-hemolytic not Group A,B,D	131	89.2 (83)	83.6 (73)							94.7 (94)		95.3 (107)	91.4 (35)												100.0 (116)				78.4 (74)	70.8 (72)		95.4 (65)		
	Streptococcus agalactiae	1381	98.1 (988)	92.6 (901)							98.8 (961)		98.7 (909)	97.6 (288)												99.6 (1182)				69.1 (854)	67.7 (916)		93.9 (737)		

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

^e : MIC Interpretive Criteria

^f : Interpret according to ceftazidime susceptibility test

* ข้อมูลการวัดด้วยวิธี disk diffusion และ MIC รวมกัน

^h : High-Level Aminoglycoside

R : Intrinsic resistance

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

* COLISTIN ค่าพบเฉพาะ Intermediate

%S

> 90 76-90 61-75 0-60