

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

Organism		TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES			GLYCOPEPTIDES		MISCELLANEOUS					
			PENICILLIN	PENICILLIN BY MIC	AMPCILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPCILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN	CEFUXOXIME SODIUM (parenteral)	CEFOXERAZONE / SULBACTAM ^a	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µ g	VANCOMYCIN	TEICOPLANIN	CLINDAMYCIN	ERYTHROMYCIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	<i>Acinetobacter calcoaceticus-baumannii</i> complex	3473			R	R	21.0 (1239)	22.0 (2965)				13.0 (1597)	22.7 (3418)	14.1 (2433)	21.4 (2040)			R	21.6 (3089)	22.7 (3451)	94.8 (1916)	23.3 (3277)	24.7 (2012)	41.3 (3161)	28.4 (2690)						R	25.3 (2633)	
	<i>Acinetobacter</i> spp.	176					80.4 (46)	73.9 (134)				53.1 (96)	82.6 (172)	62.6 (123)	81.8 (99)				87.3 (142)	85.1 (174)		76.8 (168)	83.5 (91)	90.1 (172)	83.3 (126)							72.1 (129)	
	<i>Aeromonas hydrophila</i>	266						73.8 (210)	-			83.7 (123)	92.9 (226)	81.7 (218)	96.6 (177)		17.3 (75)	78.6 (154)	58.7 (184)	73.6 (201)		93.9 (262)	98.2 (114)	98.0 (245)	89.1 (202)					-	79.6 (235)	-	
	<i>Burkholderia pseudomallei</i>	418				95.3 * (129)						97.5 * (280)						98.7 * (232)													79.6 * (250)	- *	
	<i>Citrobacter freundii</i>	257			R	R	R	73.1 (238)	R	R	87.1 (62)	73.3 (150)	77.2 (228)	72.4 (203)	87.3 (166)		R	93.7 (238)	92.9 (196)	96.1 (254)		64.6 (246)	65.6 (122)	53.1 (239)	88.1 (210)					-	70.0 (223)	-	
	<i>Enterobacter cloacae</i>	1521			R	R	R	74.1 (1400)	R	R	89.3 (428)	70.7 (816)	78.2 (1351)	74.5 (1180)	85.6 (845)		R	93.0 (1438)	93.2 (1177)	96.4 (1496)	85.9 (488)	77.6 (1473)	76.0 (668)	64.4 (1418)	88.8 (1183)					-	75.6 (1289)	75.4 (69)	
	<i>Enterobacter</i> spp.	382			12.1 (265)	13.7 (336)	37.3 (110)	69.9 (369)	0.0 (140)	46.4 (140)	83.9 (240)	73.3 (137)	79.1 (373)	76.0 (325)	79.9 (278)		13.1 (251)	89.7 (370)	95.0 (317)	95.7 (373)		74.7 (360)	70.6 (201)	53.8 (366)	86.6 (320)					-	80.8 (312)	-	
	<i>Escherichia coli</i>	6915			15.5 (3597)	72.8 (6043)	42.0 (1406)	79.8 (6486)	23.6 (1910)	44.3 (1752)	91.0 (2054)	50.0 (3793)	65.2 (6103)	51.7 (5271)	62.5 (4298)		82.5 (2996)	93.9 (6532)	94.4 (5644)	95.1 (6821)	97.9 (3312)	37.7 (6738)	38.7 (3272)	60.7 (6595)	69.5 (5580)					54.5 (132)	42.3 (5720)	34.4 (326)	
	<i>Klebsiella pneumoniae</i>	4735			R	62.6 (4168)	50.0 (788)	57.7 (4447)	34.3 (1114)	54.1 (1144)	72.2 (1492)	55.9 (2543)	61.7 (4166)	58.7 (3643)	62.3 (2831)		71.0 (1945)	79.2 (4477)	79.4 (3789)	81.0 (4640)	94.3 (2179)	50.4 (4570)	50.5 (2158)	59.0 (4461)	78.5 (3777)					50.0 (76)	56.0 (4126)	61.3 (137)	
	<i>Klebsiella</i> spp.	1020			1.6 (510)	42.2 (820)	33.1 (354)	64.4 (966)	18.8 (378)	56.6 (228)	85.2 (263)	59.5 (560)	68.4 (865)	64.9 (787)	65.7 (764)		48.0 (504)	82.9 (889)	78.5 (862)	83.7 (1006)	92.5 (584)	61.5 (985)	58.5 (530)	48.4 (992)	81.8 (775)					-	63.9 (587)	-	
	<i>Morganella morganii</i>	689			R	R	19.6 (179)	80.6 (654)	R	R	98.1 (157)	59.5 (328)	89.4 (620)	88.8 (555)	85.9 (334)		43.3 (321)	98.9 (652)	35.4 (500)	99.3 (677)	R	71.4 (668)	62.6 (361)	55.6 (673)	85.8 (556)					-	70.7 (570)	-	
	<i>Proteus mirabilis</i>	2494			54.1 (1226)	84.8 (2014)	80.4 (382)	88.3 (2227)	22.8 (769)	78.2 (564)	98.8 (737)	80.0 (1332)	94.0 (2114)	86.9 (1836)	90.2 (1377)		91.7 (1061)	97.8 (2368)	69.3 (1669)	96.9 (2452)	R	68.8 (2401)	59.1 (1096)	68.6 (2379)	74.7 (1999)					-	56.2 (2137)	R	
	<i>Pseudomonas aeruginosa</i>	4151			R	R	R	78.2 (3893)				R	80.8 (4096)	R	81.2 (2515)			R	80.8 (3637)	83.2 (4106)	95.0 (2132)	78.0 (3945)	69.9 (2502)								R	R	R
	<i>Serratia marcescens</i>	259			R	R	R	76.6 (175)	R	R	97.3 (73)	77.6 (85)	85.2 (236)	92.1 (202)	95.3 (149)		R	98.8 (246)	94.5 (146)	99.6 (252)	R	82.9 (246)	71.3 (136)	58.8 (250)	96.6 (179)					-	82.0 (205)	-	
Gram positive	<i>Enterococcus faecalis</i>	1894	87.7 (640)	88.3 (617)	96.7 (1782)				R	R	R	R	R	R	R									R	R	71.4 ^h (427)	98.9 (1833)	98.3 (541)	R	16.5 (1277)		R	
	<i>Enterococcus faecium</i>	675	8.5 (200)	13.1 (237)	11.5 (628)				R	R	R	R	R	R	R									R	R	88.4 ^h (190)	85.8 (643)	90.0 (180)	R	5.7 (470)		R	
	<i>Enterococcus</i> spp.	243	52.8 (72)	78.1 (73)	64.8 (227)																					94.5 ^h (73)	93.4 (226)	98.5 (66)		36.1 (169)			
	<i>Staphylococcus aureus</i> (all isolates)	8681	13.1 (994)	14.1 (3847)												86.7 ^f (7788)						94.0 (4888)	96.3 (2324)		97.0 (6225)		99.1 ^e (4675)	99.5 ^e (2862)	88.0 (7920)	85.8 (7913)	93.3 (2111)	90.0 (7783)	58.0 (3564)
	<i>Staphylococcus</i> , coagulase negative	2447	11.1 (377)	14.3 (861)												42.3 ^f (1988)						60.6 (1395)	66.2 (550)		71.2 (1535)		99.0 ^e (1256)	95.3 ^e (772)	49.4 (2205)	41.7 (2257)	91.6 (500)	67.6 (2208)	55.0 (857)
	<i>Streptococcus agalactiae</i>	879	98.0 (101)	93.6 (409)	92.9 (364)							96.8 (497)		96.0 (472)	94.4 (107)								96.3 (567)			99.0 (679)		65.8 (719)	69.4 (751)	92.7 (369)		19.9 (282)	
	<i>Streptococcus</i> , β-hemolytic not Group A,B,D	810	85.9 (149)	95.3 (342)	94.1 (286)							97.1 (578)		95.5 (426)	93.2 (132)								95.3 (468)			98.7 (682)		83.1 (733)	78.9 (757)	92.8 (361)		29.2 (267)	
	<i>Streptococcus pneumoniae</i>	99	- ^d	29.8 (57)					- ^e														98.7 (76)			100.0 (94)		64.5 (93)	44.7 (94)	87.5 (56)	36.1 (83)	16.7 (54)	
	<i>Streptococcus pyogenes</i>	1735	99.7 (371)	97.8 (722)	97.6 (786)							98.4 (1065)		98.7 (1065)	90.8 (294)								98.1 (1029)			99.9 (1399)		94.8 (1592)	91.9 (1647)	97.3 (873)		9.2 (649)	
	<i>Streptococcuss</i> spp. Viridans Group	1013		71.5 (471)	65.6 ^e (215)							90.9 (715)		86.1 (548)	91.9 (161)								92.0 (636)			98.8 (895)		75.7 (902)	69.4 (914)	90.9 (362)			

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

^d : Interpret according to oxacillin susceptibility test

^e : MIC Interpretive Criteria

^f : Interpret according to cefoxitin susceptibility test

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

* ข้อมูลความไวจากวิธี disk diffusion และ MIC รวมกัน

* COLISTIN คำนวณจาก Intermediate

^h : High-Level Aminoglycoside

R : Intrinsic resistance

