

Percentage of susceptible Organisms Isolated From Urine, 87 hospitals, Jan - Dec 2021

Organism	TOTAL ISOLATES	BETA - LACTAMS												CARBAPENEMS				POLY MYXINS		QUINOLONES			AMINOGLYCOSIDES		GLYCOPEPTIDES		MISCELLANEOUS						
		PENICILLIN	AMPICILLIN	AMOXICILLIN / CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (U)	CEFUROXIME SODIUM (O=II)	CEFOPERAZONE / SULBACTAM ^a	CEFOTAXIME	CEFTAZIDIME	CEFTRIAZONE	CEFEPIME	OMACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICoplanin	fosfomycin	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTON	CHLORAMPHENICOL	CO-TRIMOXAZOLE
<i>Acinetobacter calcoaceticus-baumannii</i> complex	5229	R	R	20.5 (1400)	17.3 (4392)				8.4 (2987)	15.8 (5021)	7.6 (3105)	15 (2685)		R	17.3 (4584)	17.9 (4966)	99.1 (2075)		17.2 (4967)	21.3 (3131)		41.9 (4454)	27.6 (3929)				R					29.3 (3748)	16.1 (329)
<i>Acinetobacter</i> spp.	260			58.5 (82)	58.1 (229)				32.7 (171)	58 (248)	36.6 (172)	52.8 (152)			57.9 (221)	59.8 (241)			50 (246)	63.8 (160)		80.2 (248)	64.3 (203)									52.1 (192)	-
<i>Enterobacter cloacae</i>	2026	R	R	R	67.3 (1791)	R	R	47.8 (625)	47.6 (1293)	52 (1740)	51.1 (1506)	55.4 (1104)		R	78.7 (1876)	86.9 (1736)	86.8 (1935)	89.5 (717)	49.5 (1864)	52.4 (986)		74.5 (1918)	74.5 (1605)						47.8 (251)	-	61 (1770)	57 (151)	
<i>Enterobacter</i> spp.	421		5.2 (324)	14.6 (350)	39.2 (79)	67.6 (349)	8 (137)	9.3 (172)	62.7 (102)	44.6 (305)	52 (410)	51.9 (339)	56.1 (269)	22.6 (283)	79.4 (379)	83.2 (322)	86.4 (375)		46.3 (402)	55.4 (285)		91.8 (402)	73.9 (360)								58.8 (282)	45.3 (64)	
<i>Escherichia coli</i>	47823		16.7 (32144)	69.3 (39572)	66.6 (6196)	88.5 (41705)	24.9 (16161)	25.5 (13085)	64 (14059)	53.7 (3006)	66 (40539)	55.2 (36741)	60.8 (24727)	83 (24345)	94.2 (43973)	95 (40496)	95.2 (44923)	95.4 (16092)	32.4 (44139)	33.4 (22825)		97.7 (44865)	67 (39021)			99 (7506)			96 (5909)	67 (643)	44.4 (40798)	33.2 (3416)	
<i>Klebsiella pneumoniae</i>	15187	R	49.6 (12526)	44.9 (2104)	58.7 (13803)	28.1 (4994)	21 (4699)	41.5 (4659)	45.2 (9523)	47 (13142)	45.8 (12046)	48 (8006)	66.4 (7801)	75.4 (14224)	78.8 (13073)	78.4 (14345)	94.4 (5162)	35.2 (14106)	40.3 (7576)		89.5 (402)	76.2 (12122)						47.9 (5909)	51.8 (643)	47.7 (40798)	45.2 (3416)		
<i>Klebsiella</i> spp.	1806		2.2 (1208)	37.1 (1573)	37.4 (198)	62.5 (1397)	17.3 (625)	19.5 (344)	49.7 (300)	48.3 (1173)	53.2 (1533)	50.0 (1311)	54.9 (999)	49.4 (1086)	79.3 (1597)	78.7 (1546)	82.7 (1693)		45.9 (1672)	47.6 (936)		91.1 (1174)	76.8 (1500)						58.0 (131)	45.7 (35)	55.5 (1324)	54.1 (133)	
<i>Morganella morganii</i>	1244	R	R	57.7 (175)	87.8 (1139)		R	R	73.4 (346)	68.2 (847)	85.8 (1135)	83.1 (980)	78.8 (755)	40.2 (759)	97.2 (1161)	47.9 (1017)	96.9 (1176)	R	59 (1161)	57 (730)	83.2 (119)	97.6 (1178)	80.5 (1021)								69.9 (1088)	45.6 (68)	
<i>Proteus mirabilis</i>	5196		53.0 (3471)	80.7 (3955)	82 (672)	95.7 (4462)	27.3 (1756)		69.8 (1425)	76.7 (3662)	92.7 (4686)	83.3 (3784)	79.5 (2680)	93.3 (2879)	96.7 (4749)	70.8 (3935)	95.6 (4831)	R	61.0 (4765)	59.9 (2700)		98.5 (4949)	75.1 (4173)					R			53.6 (4521)	R	
<i>Pseudomonas aeruginosa</i>	7814	R	R	R	61.5 (7119)				R	60.6 (7531)	R	61.1 (4172)		R	57.1 (6891)	60.7 (7368)	97.6 (3408)		57.3 (7348)	54.6 (4845)		75.1 (7594)	64.5 (6073)								R	R	
<i>Salmonella</i> , Typhoidal	-																																
<i>Salmonella</i> , Non-typhoidal	234		41.7 (180)						58.1 (31)	81 (137)	83.3 (162)	80.6 (170)							48.8 (201)	35.2 ^a (71)											81.7 (208)		
<i>Enterococcus faecalis</i>	14637	67.5 (10790)	93 (14452)			R	R	R	R	R	R	R							32.8 (10418)	42.4 (6103)		R	R	53.8 ^a (2548)	98.2 (14299)	99 (3439)	95.5 (3462)	R	7.7 (4786)	96.7 (1246)			8.5 (6033)
<i>Enterococcus faecium</i>	9153	4 (6702)	4.1 (9067)			R	R	R	R	R	R								2.3 (6934)	5.4 (3791)		R	R	78.7 ^b (1937)	91.7 (9097)	90.6 (2320)		R	1 (3115)	22.9 (1020)			7.1 (4024)
<i>Enterococcus</i> spp.	623	38.6 (466)	51.1 (601)																37.2 (401)	35.4 (285)			65.9 ^a (88)	91.6 (581)	91.4 (116)			20.7 (208)	84.6 (13)			16.6 (290)	
<i>Staphylococcus aureus</i>	1761	12.6 (808)												82.1 ^c (1761)					87.7 (972)	89.7 (593)			93.3 (1321)	99 ^a (773)	98.5 ^a (551)			86.6 (803)	83.5 (816)	100 (129)	93 (387)	94.4 (1562)	63.5 (788)
(MRSA)	180	0.0 (95)												0.0 ^f (180)					41.2 (131)	38.5 (65)			62.0 (142)	93.3 ^a (90)	93.4 ^a (51)			51.3 (119)	46.7 (120)	-	74.4 (43)	81.7 (164)	54.5 (58)
(MSSA)	1430	13.9 (682)												90.6 ^c (1430)					93.8 (839)	96.2 (498)			96.4 (1158)	99.7 ^a (676)	99.2 ^a (489)			94.2 (654)	90.8 (665)	100 (327)	95.7 (1282)	95.1 (711)	64.1 (711)
<i>Staphylococcus</i> , coagulase negative	2467	8.9 (1030)												29.6 ^f (2467)					59.8 (1087)	62.1 (467)			73.5 (1432)	98.9 ^a (755)	95.8 ^a (565)			58.1 (1030)	45.2 (166)	95.2 (386)	85.8 (2943)	67.4 (1181)	46.9 (1181)
(MRCNS)	20301	0.0 (10502)												0.0 ^f (20301)					37.3 (11414)	43.5 (6331)			55.8 (15716)	98.4 ^a (11502)	94.2 ^a (7528)			27 (19387)	17 (19292)	91.7 (914)	87.6 (5747)	93.8 (17440)	53.8 (11251)
(MSCNS)	717	27.1 (295)												84.8 ^c (717)					86.7 (330)	84.9 (106)			90.0 (488)	99 ^a (202)	97.2 ^a (142)			81.8 (253)	70.5 (258)	97.3 (73)	86.6 (82)	84.3 (632)	68.9 (350)
<i>Streptococcus</i> , β-hemolytic not Group A,B,D	123	89.2 (65)	93 (43)						98.2 (56)		97.2 (71)												99 (47)	99 (101)				85.1 (47)	75.4 (101)				
<i>Streptococcus agalactiae</i>	1085	97.6 (977)	97.2 (397)						98.4 (558)		97.6 (547)	92.4 (189)											94.6 (559)	99.4 (805)				69.7 (412)	69.2 (458)		88.8 (260)		

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

^b : High-Level Aminoglycoside

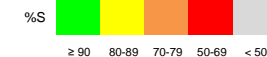
^c : MIC Interpretive Criteria

R : Intrinsic resistance

^f : Interpret according to cefoxitin susceptibility test

^a COLISTIN 600/30/300 Intermediate

* ข้อมูลจากใบรายงานผล disk diffusion และ MIC รายงาน



%S

≥90 80-89 70-79 50-69 <50