

Percentage of susceptible Organisms Isolated From Urine, 79 hospitals, Jan - Jun 2020

Organism	TOTAL ISOLATES	BETA - LACTAMS													CARBAPENEMS			POLY MYKINS	QUINOLONES		AMINOGLYCOSIDES		GLYCOPEPTIDES		MISCELLANEOUS							
		PENICILLIN	AMPCILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPCILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (U)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM	CEFTOXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE
<i>Acinetobacter calcoaceticus-baumannii</i> complex	1,953	R	R	25.4 (503)	19.2 (1702)			7.1 (1163)	17.8 (1850)	9.1 (1070)	16.7 (780)			R	18.6 (1671)	20.3 (1890)	96.7 (592)	19.3 (1858)	24.1 (1033)	45 (1818)	30.4 (1622)				R				R	32.3 (1480)	12.5 (208)	
<i>Acinetobacter</i> spp.	112			58.7 (46)	63.5 (104)			41.4 (87)	49 (104)	42 (69)	61.9 (42)				57.6 (92)	56 (109)	-	51.8 (112)	62.5 (64)	73.9 (111)	57.6 (92)										51.7 (87)	-
<i>Enterobacter cloacae</i>	819	R	R	R	66.8 (719)	R	R	48.4 (188)	50.1 (565)	52 (664)	51.9 (549)	59.2 (353)		R	81 (742)	87.3 (652)	87.2 (783)	86 (222)	50.2 (731)	55.3 (365)	92.8 (765)	71.5 (709)							42.2 (83)	-	62.9 (733)	61.4 (88)
<i>Enterobacter</i> spp.	207		6.7 (119)	19.2 (146)	-	70.7 (147)	13.6 (44)	3 (33)	67.2 (58)	47.6 (143)	55.6 (189)	51 (151)	53.1 (81)	33.3 (60)	82.6 (167)	82.8 (99)	86.8 (182)		42.9 (170)	58.8 (102)	92.7 (192)	71.4 (168)									58 (162)	
<i>Escherichia coli</i>	21,758		13.6 (14413)	68.1 (16670)	63.2 (3754)	89.7 (18730)	24 (7841)	24.6 (4855)	64.7 (5085)	51.6 (14535)	63.1 (17657)	53.3 (15530)	62.8 (8685)	86.3 (9376)	96.1 (19273)	96.5 (16804)	97.7 (20058)	32.7 (4746)	35.1 (19061)	98.6 (9355)	64.6 (19903)			98.1 (1593)			94.9 (1946)	64.8 (233)	42.9 (18951)	30.5 (1957)		
<i>Klebsiella pneumoniae</i>	6,518	R	50.1 (5067)	46.8 (1187)	60.6 (5726)	26.4 (2225)	24.3 (1584)	43.3 (1720)	45.5 (4296)	46.8 (5507)	44.8 (4779)	52.8 (2530)		71.3 (2829)	79.3 (5885)	81.6 (5244)	81.2 (6137)	93 (1439)	35.4 (5774)	42.8 (2892)	92 (6053)	75.6 (5467)					41.7 (566)	70.5 (61)	47 (5738)	47.8 (483)		
<i>Klebsiella</i> spp.	603		2.5 (362)	38.9 (475)	48 (98)	80.2 (491)	20.6 (204)	26.8 (164)	62.3 (138)	58.4 (411)	66 (512)	63.7 (405)	68.1 (229)	53.4 (296)	90.4 (554)	89.8 (480)	92.9 (567)		53.3 (546)	59.0 (278)	96.1 (506)	79.1 (521)					59 (61)	-	66.2 (500)	61.1 (36)		
<i>Morganella morganii</i>	442	R	R	50.7 (567)	90.7 (376)	R	R	69.1 (97)	69.1 (288)	88.6 (369)	86.2 (325)	86.9 (199)		43.6 (218)	97.9 (387)	58 (343)	97.6 (418)	R	61 (387)	49.5 (198)	98.8 (410)	80.8 (385)							69.5 (393)	45.7 (35)		
<i>Proteus mirabilis</i>	1,990		48.7 (1280)	84.2 (1511)	79.6 (348)	96.3 (1680)	23.7 (691)		64.9 (462)	77.4 (1481)	93.2 (1696)	79.6 (1322)	82.3 (817)	93.8 (969)	98.4 (1766)	78.6 (1449)	97.2 (1827)	R	59.8 (1689)	57.7 (822)	99.5 (1844)	74.4 (1762)				R	-	52.6 (1805)		R		
<i>Pseudomonas aeruginosa</i>	2,966	R	R	R	66.7 (2741)			R	63.6 (2892)	R	60.5 (1168)			R	62.4 (2486)	65.3 (2806)	96.8 (915)	63.1 (2768)	60.8 (1634)	77.9 (2931)	65.7 (2507)							R	R	R		
<i>Salmonella</i> , typhoidal			-					-	-	-	-								-	-												
<i>Salmonella</i> , Non-typhoidal	107		42.5 (73)					-	82.8 (64)	75.7 (74)	81.1 (74)								40.7 (81)	-	-									87.6 (97)		
<i>Enterococcus faecalis</i>	6,105	67.4 (4636)	94.4 (5882)			R	R	R	R	R	R	R	R						26.9 (3481)	37 (2483)	R	R	40.7 ^h (962)	98.7 (5931)	98.7 (1077)	97.6 (573)	R	8.2 (1319)	95.2 (315)		R	8.3 (2131)
<i>Enterococcus faecium</i>	3,714	2.6 (2870)	3.9 (3627)			R	R	R	R	R	R	R	R						3.1 (2241)	5.8 (1574)	R	R	71.4 ^h (548)	91.6 (3657)	90 (791)		R	1.7 (832)	14.3 (265)		R	7.4 (1312)
<i>Enterococcus</i> spp.	407	29 (272)	48.8 (387)																31.8 (107)	21.6 (153)			48.9 ^h (94)	93 (402)	-		12.5 (32)	-			10.4 (144)	
<i>Staphylococcus aureus</i>	695	12.5 (281)											90 ^f (648)						89.3 (318)	92.4 (171)		93.7 (540)	99.1 ^h (224)	97.5 ^h (121)		84.5 (265)	81.2 (261)	98.1 (52)	92.9 (98)	97.1 (623)	62.2 (286)	
(MRSA)	35	-											0 ^f (35)						-	-			-	-	-	-	-	-	-	81.8 (33)	-	
(MSSA)	348	5.9 (85)											100 ^f (359)						95.3 (127)	97.8 (46)		97.1 (242)	-	-		95.8 (71)	92.6 (68)	-	-	98.8 (323)	72.4 (87)	
<i>Staphylococcus</i> , coagulase negative	966	9.7 (390)											31 ^f (765)						55.7 (418)	67.6 (105)		74.2 (616)	99.2 ^a (240)	95.8 ^a (142)		50.1 (391)	40.8 (375)	96.7 (91)	86.6 (119)	67.1 (770)	42 (364)	
(MRCNS)	298	0 (53)											0 ^f (298)						39.8 (93)	-		60.6 (137)	-	-		32.6 (89)	32.8 (61)	-	-	54.6 (260)	32.7 (98)	
(MSCNS)	175	28.2 (39)											100 ^f (177)						92.6 (54)	-		95.0 (100)	-	-		87.2 (39)	-	-	-	86.3 (146)	78 (41)	
<i>Streptococcus</i> , β-hemolytic not Group A, B, D	53	82.4 (51)											93.5 (31)										95.5 (44)									
<i>Streptococcus agalactiae</i>	374	98.8 (341)	96.2 (131)						99 (209)	98.9 (180)	90.4 (52)												99.3 (280)			73.1 (130)	75.9 (141)		94.9 (59)			

^a: ข้อมูลจากวิธีทดสอบ disk diffusion ตาม CLSI

^b: Colistin ใช้ % ในการศึกษาวิจัย

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

^d: High-Level Aminoglycoside

^e: MIC Interpretive Criteria

^f: Intrinsic resistance

^g: Interpret according to ceftazidime susceptibility test

