

Percentage of susceptible Organisms Isolated From Blood, 79 hospitals, Jan - Mar 2020

Organism	TOTAL ISOLATES	BETA - LACTAMS													CARBAPENEMS			POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES		GLYCOPEPTIDES		MISCELLANEOUS								
		PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPCILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFZOLIN (A)	CEFUROXIME SODIUM (parenteral) ^a	CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICoplanin	CLINDAMYCIN	ERYTHROMYCIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE	
<i>Acinetobacter calcoaceticus-baumannii</i> complex	910			R	R	33.9 (230)	35.2 (838)			19.6 (525)	36.6 (896)	15.9 (338)	33.7 (338)			R	37.4 (842)	38.1 (882)	94.7 (304)	42.9 (879)	46 (504)	52.7 (850)	44.8 (800)							R	47.9 (710)		
<i>Acinetobacter</i> spp.	164					86.4 (44)	81.6 (136)			58 (112)	74.5 (161)	56.7 (104)	75.5 (49)						85.3 (150)	79.1 (148)	95.4 (43)	81 (158)	91.5 (82)	91.8 (158)	83.8 (148)							60.7 (122)	
<i>Aeromonas hydrophila</i>	53									83.3 (36)	92.9 (42)	82.1 (39)							97.1 (35)	74.2 (31)	87.2 (39)		96.1 (51)		97.7 (43)	97.9 (48)						85.4 (48)	
<i>Enterobacter cloacae</i>	171			R	R	R		R	R	56.3 (32)	63.2 (117)	61.4 (140)	59.7 (134)	68.9 (61)		R	90.3 (154)	94.6 (149)	95.6 (158)	84.1 (44)	68.6 (156)	62 (79)	97.5 (159)	81 (153)								74.7 (154)	
<i>Enterobacter</i> spp.	63			19 (42)	45.1 (51)					65.4 (52)	80.3 (61)	80.9 (47)	76.5 (34)			44.1 (34)	94.3 (53)	94.7 (38)	98.1 (53)		76.5 (51)	82.1 (39)	98.4 (61)	87 (54)								82.7 (52)	
<i>Escherichia coli</i>	4,359	16.3 (2755)	74.2 (3479)	70.8 (3767)	93.2 (3767)	29.2 (1504)	29.1 (1121)	78 (912)	63.2 (3164)	74.1 (3792)	64.1 (3361)	71.8 (1881)			90.3 (2048)	97.9 (3884)	97.8 (3502)	98.2 (4046)	91.9 (1227)	48 (3981)	50.6 (2263)	99.2 (4040)	70.4 (3678)							83.3 (36)	44 (329)	36.8 (329)	
<i>Klebsiella pneumoniae</i>	1,834		R	72.6 (1463)	62.8 (347)	77.9 (1619)	47.7 (591)	35.3 (498)	68.2 (393)	67.7 (1265)	68.9 (1602)	66.9 (1469)	72.7 (799)			82.5 (911)	89.8 (1657)	90 (1501)	90.6 (1711)	87.8 (568)	60.3 (1694)	64.5 (1022)	96.3 (1709)	86.2 (1547)							68.4 (1541)	64.5 (107)	
<i>Klebsiella</i> spp.	148	9.0 (89)	52.5 (120)		85.4 (123)	20.8 (48)	18.2 (33)		70.9 (117)	77.2 (136)	71.4 (112)	83.3 (54)			58.2 (79)	95.3 (129)	92 (112)	95.5 (133)	92.3 (39)	70.4 (135)	78.4 (74)	98.5 (137)	87.8 (131)								74 (131)		
<i>Morganella morganii</i>	56		R	R		89.8 (49)		R	R	79.1 (43)	90 (50)	93.5 (46)				100 (49)	52.5 (40)	100 (52)		R	64.7 (51)	62.9 (35)	100 (53)	87.5 (48)							75.0 (52)		
<i>Proteus mirabilis</i>	276			53.8 (171)	84.9 (212)	88.1 (59)	97.4 (229)	26.7 (105)	67.5 (83)	69.8 (43)	81 (210)	89.9 (237)	86.4 (207)			94.4 (144)	98 (245)	95.2 (173)	95.2 (250)	R	70.3 (249)	79.2 (129)	99.6 (257)	84 (246)							63.2 (239)	R	
<i>Pseudomonas aeruginosa</i>	413		R	R	R	82.3 (396)			R	83.6 (402)	R	84.6 (182)			R	73.9 (379)	81.3 (401)	94.8 (135)		84.6 (402)	81.6 (239)	92.4 (409)	86.4 (345)								R	R	R
<i>Salmonella, typhoidal</i>	9																																
<i>Salmonella</i> spp.	326			50.7 (217)					82.2 (45)	84.6 (234)	89.1 (256)	90.8 (249)									48.9 (262)	36.6 (93)										90.2 (287)	
<i>Enterococcus faecalis</i>	394	79.9 (319)	81.4 (102)	95.3 (386)			R	R	R	R	R	R	R									R	R	65.7 (70)	98.7 (391)	100 (80)	R	18.3 (202)			R		
<i>Enterococcus faecium</i>	250	11.8 (204)	11.8 (68)	14.2 (246)			R	R	R	R	R	R										R	R	84.9 (53)	96 (247)	89.4 (47)	R	5.9 (119)			R		
<i>Enterococcus</i> spp.	66	70 (50)		76.2 (63)																				93.2 (59)								19.5 (41)	
<i>Staphylococcus aureus</i> (all isolates)	1,431	11.3 (585)	12.2 (378)											87.1 (1390)							92 (729)	92.5 (362)		95.1 (1138)	99.5 (550)	98.7 (314)	87.8 (1396)	85 (1321)	95.4 (304)	97.1 (1311)	60.6 (520)		
(MRSA)	80													0 (81)							58.5 (41)			78.4 (51)			53.8 (80)	46.6 (73)			87 (77)		
(MSSA)	675	9.7 (144)												100 (693)							96 (247)	100 (56)		97.5 (435)	94.8 (649)	92.3 (587)					98.6 (650)	65.3 (121)	
<i>Staphylococcus, coagulase negative</i>	4,333	10.3 (1895)	9.3 (1031)											32.4 (3771)							54 (2252)	59.6 (908)		69.2 (3341)	99.6 (1411)	93.6 (776)	44.6 (4180)	33.5 (4003)	91.1 (883)	66.1 (3939)	60.8 (1513)		
(MRCNS)	1,363	0 (393)												0 (1378)							27 (612)	27.3 (66)		52.2 (1282)	100 (1201)		24.5 (1282)	12.4 (1201)	85.4 (41)	51.7 (1322)	61.9 (226)		
(MSCNS)	885	26.7 (285)												100 (891)							94.1 (390)	95 (40)		97 (536)			81.3 (835)	73 (782)	91.4 (58)	87.9 (849)	73.6 (140)		
<i>Streptococcus agalactiae</i>	155	97.8 (138)	97.8 (46)	97.1 (68)						98.7 (76)		100 (98)												98.6 (74)			96.5 (134)	73.2 (138)	70.7 (133)	87.8 (41)			
<i>Streptococcus, β-hemolytic not Group A, B, D</i>	190	91.3 (160)	91.4 (70)	91.4 (81)						96.6 (118)		99 (102)	94.7 (38)											99.1 (115)	99.4 (176)	93.2 (175)							
<i>Streptococcus pneumoniae</i>	463	81.8 (181)	51.7 (149)																					99.1 (396)	99.1 (410)	61.4 (407)	84 (131)	53.2 (355)	28.5 (123)				
<i>Streptococcus pyogenes</i>	197	97.9 (187)	97 (67)	98.8 (85)						99.1 (113)		98.4 (126)	88.4 (43)											100 (99)	99.4 (183)	89.9 (179)	94.3 (87)						
<i>Streptococcus</i> spp. Viridans Group	669		67.2 (183)	74.3 (74)						90.2 (387)		86.1 (346)	90.3 (62)											92.6 (272)			99.5 (591)	65.2 (598)	56.4 (592)	90.8 (174)		32.3 (158)	

^aข้อมูลจากวิธีตรวจวัด disk diffusion โดย MIC 5 มิลลิกรัม

^cColistin ใช้ 4 มิลลิกรัม

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

^b : High-Level Aminoglycoside

^d : Interpret according to oxacillin susceptibility test

ⁱ : MIC Interpretive Criteria, For the 20% nonsusceptible, 15% were intermediate

^e : MIC Interpretive Criteria

(MIC 0.25 to 2µg/mL) and 5% were resistant (MIC ≥ 4 µg/mL) to penicillin.

^f : Interpret according to ceftazidime susceptibility test

R : Intrinsic resistance

