

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

Organism	TOTAL ISOLATES	BETA - LACTAMS											CARBAPENEMS			POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES		GLYCOPEPTIDES		MISCELLANEOUS								
		PENICILLIN	PENICILLIN BY MIC	AMPCILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPCILLIN / SUBBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFUROXIME SODIUM (parenteral) ^a	CEFOPERAZONE / SUBBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAZONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICoplanin	CLINDAMYCIN	ERYTHROMYCIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE
<i>Acinetobacter calcoaceticus-baumannii</i> complex	2,040			R	R	39.1 (644)	40.1 (1844)			19.7 (1206)	39.7 (1898)	18.1 (1326)	37.4 (784)		R	41.5 (1794)	42.5 (1978)	96.2 (706)	45.2 (1951)	47.2 (1145)	56.5 (1866)	48.9 (1712)						R	48.6 (1557)		
<i>Acinetobacter</i> spp.	341					84.8 (105)	82.3 (288)			56.6 (212)	74.5 (321)	99.1 (220)	73.4 (109)			84.2 (292)	79.6 (309)	94.2 (86)	79.9 (328)	87.8 (180)	90.4 (333)	84.2 (291)									56.8 (241)
<i>Aeromonas hydrophila</i>	141					85.6 (97)		-		84.5 (97)	95.5 (111)	83.2 (107)	97.7 (44)	22.6 (53)	90.7 (97)	63.5 (85)	85.6 (104)		91.9 (135)	90 (60)	97.3 (110)	92.2 (116)									88.4 (121)
<i>Enterobacter cloacae</i>	410			R	R	R				63.2 (87)	63.5 (288)	66 (329)	63.9 (321)	73.7 (171)	R	92.6 (379)	93.6 (344)	96.4 (386)	87.5 (128)	68.3 (375)	66.8 (199)	98.2 (379)	83.1 (349)							77.3 (361)	81.3 (32)
<i>Enterobacter</i> spp.	128			15.5 (84)	36.7 (98)	-	92.9 (98)	18.2 (44)	20.5 (39)	83.8 (37)	62.7 (102)	79.1 (115)	75 (92)	81 (63)	35 (60)	89.7 (107)	87.2 (78)	95.4 (109)		77.9 (104)	76.1 (71)	95.9 (121)	86.9 (107)							84.8 (105)	
<i>Escherichia coli</i>	8,768			17.2 (5887)	75 (7161)	72.1 (1436)	93.6 (7624)	28.8 (3059)	30.1 (2125)	76.9 (1903)	63.2 (6340)	74.1 (7511)	64 (6728)	71.2 (3767)	91 (4341)	98.1 (7851)	98 (6833)	95.1 (8133)	47.7 (2708)	50.9 (8056)	99.1 (4480)	99.1 (8097)	70.5 (7331)					79.3 (87)	44.9 (7241)	35.4 (731)	
<i>Klebsiella pneumoniae</i>	3,693			R	R	R				70.9 (3031)	65.5 (667)	77.6 (3270)	46.8 (1193)	36.5 (942)	64.3 (820)	67.8 (2526)	68.6 (3144)	66.4 (2943)	73 (1540)	83.3 (1904)	89.3 (3301)	89.1 (2923)	89.8 (3424)	59.4 (1147)	64.6 (3398)	95.6 (1911)	85.5 (3400)	72.7 (3027)	66.7 (3137)	68.5 (219)	
<i>Klebsiella</i> spp.	355			6.2 (242)	56.8 (303)	46.7 (45)	82.9 (286)	34.5 (139)	25 (72)	84.3 (51)	68.6 (287)	74.2 (329)	71 (255)	77.5 (138)	65.6 (209)	92.9 (322)	91.7 (288)	94 (331)	91.8 (134)	68.5 (337)	73.5 (219)	97.3 (329)	86.6 (314)							77.2 (246)	
<i>Morganella morganii</i>	103			R	R	-		R	R	-	75 (76)	90.9 (88)	89.4 (85)	91.8 (49)	47.2 (53)	100 (89)	53.6 (69)	100 (93)	R	66.3 (86)	62.3 (69)	100 (93)	85.5 (83)							73.9 (88)	
<i>Proteus mirabilis</i>	591			53.8 (392)	84.6 (475)	84.7 (124)	97.6 (496)	28.1 (221)	67.9 (162)	74.1 (108)	80.3 (437)	95 (503)	88.7 (460)	87.3 (220)	94.7 (318)	97.7 (519)	73.9 (371)	95 (540)	R	72.7 (539)	66.4 (274)	99.8 (550)	79.6 (515)							60.3 (511)	
<i>Pseudomonas aeruginosa</i>	926			R	R	R				R	83.3 (898)	R	84.5 (381)		R	72.4 (794)	80.5 (896)	95.4 (326)	83.8 (895)	88.3 (540)	92.1 (917)	86.9 (770)								R	
<i>Salmonella, typhoidal</i>	12																														
<i>Salmonella</i> spp.	673			53.7 (458)						76.3 (80)	86.4 (462)	88.8 (492)	89 (501)							50 (534)	34.7 ^a (193)									90.4 (582)	
<i>Enterococcus faecalis</i>	817	81.4 (657)	81.3 (219)	94.6 (798)				R	R	R	R	R	R	R								R	R	64.6 ^a (175)	99.1 (804)	99.4 (155)	R	16.7 (407)		R	
<i>Enterococcus faecium</i>	491	15.3 (386)	13.8 (479)	17.7 (479)				R	R	R	R	R	R	R								R	R	83.6 ^a (134)	94.9 (486)	90.8 (87)	R	5.6 (215)		R	
<i>Enterococcus</i> spp.	158	74.8 (123)	-	77 (152)																				92.3 ^a (52)	85.6 (139)						19.3 (83)
<i>Staphylococcus aureus</i> (all isolates)	3,030	11.8 (1210)	12.7 (810)											88.1 [†] (2958)					92 (1456)	92.6 (725)	95.4 (2369)		99.7 ^a (1206)	99 ^a (703)	88.8 (2866)	96 (2806)	94.9 (649)	97 (2616)	62.1 (1270)		
(MRSA)	132	-	-											0 (134)					58.9 (73)	-	76.9 (78)		-	-	54.5 (132)	47.2 (125)	-	88.9 (117)	67.6 (37)		
(MSSA)	1,341	8.8 (272)	-											100 [†] (1371)					95.2 (438)	99 (102)	98 (830)		100 ^a (67)	-	94.1 (1284)	91.4 (1180)	97.4 (76)	98.9 (1233)	67 (330)		
<i>Staphylococcus, coagulase negative</i>	9,496	11.9 (3948)	11 (2348)											35.3 [†] (8297)					57.2 (4562)	62.2 (2006)	70.9 (7089)		99.5 ^a (3403)	94 ^a (1931)	46.1 (9067)	35.7 (8867)	90 (2050)	65.1 (7966)	59.1 (4057)		
(MRCNS)	2,753	0 (642)	-											0 [†] (2801)					29 (1052)	30.6 (108)	53.6 (1591)		100 ^a (176)	97.3 ^a (37)	23.3 (2595)	87.3 (2483)	12.2 (102)	47.7 (2551)	56.1 (734)		
(MSCNS)	1,883	25.9 (528)	-											100 [†] (1902)					95.3 (716)	95.8 (72)	97 (1051)		100 ^a (60)	-	81.8 (1779)	72.9 (1698)	94.7 (151)	88.1 (1730)	69.7 (468)		
<i>Streptococcus agalactiae</i>	500	98.6 (444)	98 (201)	98.2 (223)						99 (286)		100 (293)	96.7 (61)							97.3 (432)	99.5 (447)		99.5 (419)		80.8 (1284)	80.8 (1180)	93.2 (76)				
<i>Streptococcus, β-hemolytic not Group A, B, D</i>	467	91 (377)	94.2 (155)	93.3 (193)						97.4 (265)		95.2 (271)	88.5 (78)							97.6 (252)	98.9 (380)		98.9 (380)		82.7 (421)	80.2 (435)	91.1 (158)				
<i>Streptococcus pneumoniae</i>	572	82.9 ^d (216)	55 (200)		87.5 ^a (32)															98.5 (270)	99.4 (496)		99.4 (496)		71.7 (495)	62.4 (510)	83.7 (178)	51.5 (437)	29.7 (175)		
<i>Streptococcus pyogenes</i>	619	99.1 (579)	98.6 (207)	98 (295)						99.2 (353)		99 (401)	87.8 (115)							98.6 (284)	99.1 (532)		99.1 (532)		94.5 (560)	91.1 (576)	93 (271)				
<i>Streptococcus</i> spp. Viridans Group	1,388		69.7 (390)	76.9 ^a (143)						89.1 (795)		84.1 (747)	92.3 (130)							99.8 (544)	99.4 (544)		99.4 (544)		62.5 (1186)	55.9 (1193)	88.6 (361)			33.9 (357)	

^aข้อมูลจากวิธีตรวจวัด disk diffusion โดยใช้ MIC วรรคต้น

^bColistin ใช้ 5µg ในการวัดความไว

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

^b : High-Level Aminoglycoside

%S 

^d : Interpret according to oxacillin susceptibility test

ⁱ : MIC Interpretive Criteria, For the 20% nonsusceptible, 15% were intermediate (MIC 0.25 to 2µg/mL) and 5% were resistant (MIC >=90 80-89 70-79 50-69 <50)

^e : MIC Interpretive Criteria

R : Intrinsic resistance

^f : Interpret according to ceftazidime susceptibility test