

Percentage of susceptible Organisms Isolated From All Specimen, Trat hospitals, JAN - DEC 2021

	Organism	TOTAL ISOLATES	BETA - LACTAMS								CARBAPENEMS		QUINOLONES				MINOGLYCOSIDE		COPEPT		MISCELLANEOUS			
			PENICILLIN	AMPICILLIN	AMOXICILLIN/ CLAVULANIC PIPERACILLIN /	TAZOBACTAM	CEFZOLIN (A)	CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	OXACILLIN (f)	ERTAPENEM	MEROPENEM	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN (U)	OFLOXACIN	AMIKACIN	GENTAMICIN	VANCOMYCIN BY MIC	CLINDAMYCIN	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	<i>Acinetobacter calcoaceticus-baumannii</i> complex (all iso)	214	R	R	8.0 (213)			4.2 (214)	7.5 (214)	4.3 (211)		R	6.3 (190)	8.1 (210)	11.0 (210)		8.4 (214)	13.7 (212)	12.62 (212)			9.4 (213)	7.1 (210)	
	(ICU)	38	R	R	13.5 (37)			7.9 (38)	7.9 (38)	7.9 (38)		R	14.3 (28)	10.8 (37)	10.8 (37)		10.5 (38)	15.8 (38)	13.16 (38)			13.2 (38)	8.3 (36)	
	(nonICU)	176	R	R	6.8 (176)			5.5 (146)	7.4 (176)	3.5 (173)		R	4.9 (162)	7.5 (173)	10.4 (173)		8.0 (176)	13.2 (174)	12.5 (176)			8.6 (175)	6.9 (174)	
	(Sputum)	125	R	R	4.0 (124)			2.4 (125)	5.6 (125)	2.4 (124)		R	2.7 (111)	6.5 (123)	9.7 (124)		6.4 (125)	11.3 (124)	12.8 (125)			8.1 (124)	4.9 (122)	
	(Pus)	41	R	R	9.8 (41)			7.3 (41)	9.8 (41)	7.5 (40)		R	7.9 (38)	7.5 (40)	10.0 (40)		9.8 (41)	9.8 (41)	9.76 (41)			7.3 (41)	7.3 (41)	
	<i>Enterobacter</i> spp.	82		6.2 (81)	8.6 (81)	82.1 (78)	8.9 (79)	88.3 (77)	58.8 (80)	69.1 (81)	64.9 (74)		89.3 (28)	93.8 (32)	74.0 (73)	88.3 (77)	95.7 (23)	92.5 (80)	88.61 (79)	74.07 (81)			72.5 (80)	64.2 (81)
	<i>Escherichia coli</i> (all isolates)	499		14.8 (487)	67.9 (486)	86.5 (496)	23.1 (480)	84.9 (482)	52.8 (494)	62.7 (496)	56.2 (486)		91.1 (213)	89.8 (225)	39.4 (472)	49.6 (480)	45.2 (217)	52.8 (487)	85.13 (491)	63.62 (492)			49.7 (485)	37.0 (494)
	(ICU)	10		20.0 (10)	50.0 (10)	80.0 (10)	20.0 (10)	88.9 (9)	70.0 (10)	80.0 (10)	70.0 (10)		66.7 (3)	75.0 (4)	40.0 (10)	50.0 (10)	66.7 (3)	55.6 (9)	70.00 (10)	70 (10)			80.0 (10)	30.0 (10)
	(nonICU)	489		14.7 (477)	68.3 (476)	87.5 (481)	23.2 (470)	84.8 (473)	52.5 (484)	62.3 (486)	55.9 (476)		91.4 (210)	90.0 (221)	37.2 (489)	49.6 (470)	44.9 (214)	90.6 (278)	85.45 (481)	63.49 (482)			49.1 (475)	37.2 (484)
	(Urine)	307		15.9 (302)	71.1 (298)	85.6 (306)	26.4 (299)	83.3 (299)	51.6 (306)	62.1 (306)	54.3 (300)		88.0 (133)	87.4 (135)	35.1 (291)	44.6 (298)	45.5 (209)	47.5 (303)	88.12 (303)	65.03 (306)			49.8 (297)	36.5 (304)
	(Blood)	81		20.3 (79)	72.5 (80)	86.4 (81)	27.3 (77)	91.1 (79)	70.9 (79)	77.8 (81)	78.2 (78)		100 (23)	96.3 (27)	56.6 (76)	58.4 (77)		66.2 (77)	76.54 (81)	66.25 (80)			50.6 (81)	42.5 (80)
	(Sputum)	42		10.0 (40)	50.0 (42)	64.3 (56)	9.8 (41)	82.1 (39)	38.1 (42)	52.4 (42)	41.5 (41)		95.8 (24)	88.9 (27)	31.7 (41)	52.5 (40)		48.8 (41)	72.50 (40)	45.24 (42)			43.9 (41)	35.7 (42)
	(Pus)	63		5.0 (60)	59.0 (61)	77.3 (66)	12.1 (58)	86.4 (59)	45.9 (61)	54.1 (61)	47.5 (61)		96.7 (30)	97.0 (33)	44.1 (59)	60.0 (60)		63.3 (60)	90.16 (61)	63.79 (58)			53.3 (60)	33.9 (62)
	<i>Klebsiella pneumoniae</i> (all isolates)	400		R	55.1 (390)	64.3 (392)	38.3 (386)	69.1 (391)	50.4 (393)	57.2 (397)	53.2 (385)		85.1 (161)	77.2 (184)	46.4 (375)	67.6 (380)	61.0 (82)	74.2 (395)	87.15 (397)	77.25 (396)			59.6 (391)	60.7 (394)
	(ICU)	15		R	66.7 (15)	53.3 (15)	33.3 (15)	78.6 (14)	40.0 (15)	53.3 (15)	53.3 (15)		100 (8)	75.0 (8)	46.7 (15)	40.0 (15)	100 (1)	66.7 (15)	86.67 (15)	73.33 (15)			66.7 (15)	64.3 (14)
	(non ICU)	385		R	54.7 (375)	64.7 (377)	38.5 (371)	68.7 (377)	50.8 (378)	57.3 (382)	53.2 (370)		84.3 (153)	77.3 (176)	46.7 (360)	68.0 (366)	60.5 (81)	74.5 (380)	87.17 (382)	77.43 (381)			59.3 (376)	60.5 (380)
(Urine)	114		R	52.8 (108)	61.6 (112)	34.2 (111)	61.6 (112)	44.7 (114)	47.8 (113)	46.0 (113)		83.7 (49)	77.4 (62)	40.5 (111)	58.6 (111)	57.3 (75)	60.5 (114)	87.61 (113)	76.32 (114)			52.3 (111)	51.8 (114)	
(Blood)	49		R	75.5 (49)	65.3 (49)	52.2 (46)	81.3 (48)	66.0 (47)	75.0 (48)	72.1 (43)		90.0 (10)	62.5 (16)	42.2 (45)	79.2 (48)		85.4 (48)	85.71 (49)	87.76 (49)			75.5 (49)	70.8 (48)	
(Sputum)	188		R	51.3 (187)	61.2 (183)	36.6 (183)	67.4 (184)	47.8 (184)	54.5 (187)	51.6 (182)		88.0 (83)	78.9 (90)	46.9 (175)	66.3 (175)		77.8 (185)	85.56 (187)	75.94 (187)			58.4 (185)	59.0 (217)	
(Pus)	44		R	50.0 (42)	83.7 (43)	39.0 (41)	81.4 (43)	58.1 (43)	74.4 (43)	59.5 (42)		72.2 (18)	78.6 (14)	66.7 (39)	83.3 (42)		83.7 (43)	93.02 (43)	70.73 (41)			65.9 (41)	65.1 (43)	

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			PENICILLIN	AMPICILLIN	AMOXICILLIN/ CLAVULANIC PIPERACILIN /	TAZOBACTAM	CEFZOLIN (A)	CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	OXACILLIN (f)	ERTAPENEM	MEROPENEM	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN (U)	OFLOXACIN	AMIKACIN	GENTAMICIN	VANCOMYCIN BY MIC	CLINDAMYCIN	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	<i>Proteus mirabilis</i>	36		58.3 (36)	80.6 (36)	97.2 (36)	58.8 (34)	100 (36)	91.7 (36)	94.4 (36)	94.1 (34)		100 (4)	100 (4)	66.7 (33)	77.8 (36)	66.7 (12)	80.6 (36)	94.44 (36)	75 (36)			57.1 (35)	R
	<i>Pseudomonas aeruginosa</i> (all isolates)	188		R	R	79.8 (188)			R	78.7 (188)	R		R	84.8 (158)	83.5 (170)	82.1 (179)	75.0 (12)	82.4 (187)	87.77 (188)	83.51 (188)			R	R
	(ICU)	9		R	R	100 (9)			R	100 (9)	R		R	87.5 (8)	100 (7)	100 (7)		100 (9)	100 (9)	100 (9)			R	R
	(non ICU)	179		R	R	78.8 (179)			R	77.7 (179)	R		R	84.7 (150)	82.8 (163)	81.4 (172)	75.0 (12)	81.5 (178)	87.15 (179)	82.68 (179)			R	R
	(Urine)	41		R	R	48.8 (41)			R	43.9 (41)	R		R	60.6 (33)	52.6 (38)	51.3 (39)	75.0 (12)	51.2 (41)	56.10 (41)	51.22 (41)			R	R
	(Sputum)	98		R	R	85.7 (98)			R	82.7 (98)	R		R	88.0 (83)	92.0 (88)	91.7 (96)		91.8 (97)	94.90 (98)	91.84 (98)			R	R
	(Pus)	41		R	R	95.1 (41)			R	100 (41)	R		R	97.2 (36)	92.3 (39)	88.9 (36)		90.2 (41)	100 (41)	92.68 (41)			R	R
	<i>Pseudomonas spp.</i>	46		R	R	60.0 (45)			R	59.2 (49)	R		R	48.8 (43)	57.8 (45)	58.7 (46)		56.5 (46)	63.04 (46)	53.33 (45)			R	R
Gram positive	<i>Staphylococcus aureus</i> (all isolates)	129	10.8 (120)									97.4 (117)			87.4 (111)	96.1 (127)		96.0 (125)		94.57 (129)	100 (3)	89.6 (125)	98.4 (127)	56.9 (123)
	(ICU)	4	0.0 (4)									100 (4)			100 (2)	100 (4)		100 (3)		100 (4)		100 (4)	100 (4)	33.3 (3)
	(non ICU)	125	11.2 (116)									97.3 (113)			87.2 (109)	95.9 (123)		95.9 (122)		94.4 (125)		89.3 (121)	98.4 (123)	58.0 (119)
	(Blood)	39	12.1 (33)									97.1 (34)			87.1 (31)	94.7 (38)		94.4 (36)		97.44 (39)		94.7 (38)	97.3 (37)	47.2 (36)
	(Sputum)	23	5.1 (39)									90.2 (41)			90.0 (40)	90.0 (40)		91.9 (37)		89.74 (39)		87.2 (39)	95.1 (41)	56.8 (37)
	(Pus)	57	7.4 (54)									96.0 (50)			88.0 (50)	94.6 (56)		94.6 (56)		91.23 (57)		81.5 (54)	98.2 (57)	54.5 (55)



f : Interpretate according to cefoxitin susceptibility test

% S 80-89 70-79 50-69 <50