

Percentage of susceptible Organisms Isolated From Sputum, University Hospital, 3 hospitals, JAN - DEC 2017

Organism	TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYXINS	QUINOLONES			AMINOGLYCOSIDES			GLYCOPEPTIDES		MISCELLANEOUS									
		PENCILLIN	PENCILLIN BY MIC	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFZOLIN (A)	CEFUROXIME SODIUM (Oral)	<sup>a</sup> CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAZONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE	
<i>Acinetobacter calcoaceticus-baumannii</i> complex	1,084					53.6 (580)	35 (1076)			6.8 (351)	36 (1081)	18.4 (136)	49.1 (515)				30.7 (884)	33.8 (1009)	<sup>e</sup> 34.1 (1081)		46.2 (720)		51.7 (1079)	41.5 (1081)										48 (350)			
<i>Acinetobacter</i> spp.	866					20.8 (740)	24.6 (853)			33.3 (150)	23.4 (860)	43.5 (69)	18.4 (754)				19.3 (653)	17.9 (803)	<sup>e</sup> 23.1 (860)		24.7 (829)		42.8 (856)	36.1 (853)										53.8 (158)			
<i>Enterobacter aerogenes</i>	32									64.5 (31)	67.7 (31)								WT 87.1 (31)				100 (31)	96.7 (30)										87.1 (31)			
<i>Enterobacter cloacae</i>	132									82.3 (62)	58.5 (130)	66.9 (130)	63.3 (120)	80.3 (66)			95.7 (93)	98.4 (122)	WT 84.6 (130)		90.9 (66)		98.5 (130)	86 (129)	96.7 (60)									76.7 (129)			
<i>Enterobacter</i> spp.	194			4.7 (191)	8.3 (192)	14.7 (34)	78.9 (109)	7.4 (54)	41.6 (89)	75 (32)	61.7 (193)	70.1 (116)	61.2 (80)	73.8 (80)	11.3 (115)		94 (83)	98.2 (110)		86.6 (194)		92.5 (80)		99.5 (194)	90.2 (193)	99 (100)							76.7 (193)				
<i>Escherichia coli</i>	457			8.6 (451)	55.7 (451)	26 (196)	90.9 (374)	42.2 (161)	49.4 (77)	83.8 (167)	47.1 (452)	65.5 (452)	46.4 (373)	49.8 (227)	84.9 (371)		99 (292)	98.4 (376)	WT 45.8 (452)		43.7 (229)		98.9 (451)	60.2 (450)	95 (199)									39.1 (448)			
<i>Haemophilus influenzae</i>	149			58 (143)	93.7 (143)	95.7 (92)					95.7 (46)									99.1 (111)		100 (40)												45.6 (147)			
<i>Klebsiella pneumoniae</i>	1,673				65.8 (1648)	51.9 (756)	72.6 (1382)	62.1 (528)	52.9 (295)	72.1 (599)	64 (1649)	67.7 (1648)	66.8 (1339)	64.8 (861)	81.4 (1337)		89.2 (1028)	86.8 (1383)	WT 68.3 (1646)		75.3 (867)		92.9 (1649)	83.7 (1645)	91.5 (697)									63.5 (1641)			
<i>Klebsiella</i> spp.	107			1.9 (104)	32.7 (104)	12.9 (31)	52.2 (31)	18.2 (33)	37.5 (48)		54.8 (104)	58.7 (104)	56.3 (71)	55.6 (54)	38 (71)		80 (55)	75.7 (70)		64.8 (105)		81.8 (55)		97.1 (104)	84.5 (103)	94.1 (51)								65.4 (104)			
<i>Moraxella catarrhalis</i>	99				99 (98)				<sup>e</sup>				<sup>e</sup>									<sup>e</sup>	<sup>e</sup>							<sup>e</sup> 95.9 (98)		<sup>e</sup>	90.9 (99)	92.8 (97)			
<i>Proteus mirabilis</i>	123			53.7 (123)	85.1 (121)	76.5 (51)	98.8 (81)	87.9 (33)		95 (40)	87.8 (123)	99.2 (123)	87.8 (90)	86 (57)	94.4 (90)		91.3 (69)	100 (81)		81.3 (123)		78.9 (57)		100 (123)	85.4 (123)	97.5 (40)							55.3 (123)				
<i>Pseudomonas aeruginosa</i>	1,363					84.5 (1346)					86.4 (1349)		85 (753)				77.4 (986)	81.5 (1153)	<sup>e</sup>	85.7 (1350)		84.3 (973)		93.6 (1349)	87.1 (1128)	90.7 (258)											
<i>Serratia marcescens</i>	44					100 (31)				93.2 (44)	97.7 (44)	100 (36)					100 (31)			100 (44)			100 (44)	100 (44)										97.7 (44)			
<i>Stenotrophomonas maltophilia</i>	611																					91.2 (605)												<sup>e</sup> 85.3 (604)			
<i>Staphylococcus aureus</i>	873	9.6 (395)												72.3 (829)							77.3 (66)		80 (65)		79.9 (743)						72.2 (864)		68.2 (865)		95.4 (65)	98 (861)	59.1 (181)
(MRSA)	246	0 (94)												0 (246)											25.6 (207)					15.4 (246)		8.9 (246)			93.9 (246)	62 (50)	
(MSSA)	607	12.5 (271)												100 (607)											98.7 (522)					92.2 (605)		89.4 (606)			99.7 (602)	63.1 (103)	
<i>Streptococcus pneumoniae</i>	124	27 (37)			<sup>e</sup>																						100 (112)			61.6 (99)		55.7 (122)		84.9 (93)	45.7 (94)		

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

<sup>b</sup> : Blood, Pleural Fluid

<sup>c</sup> : Sputum, Ear, Sinus

<sup>d</sup> : Interpret according to oxacillin susceptibility test

<sup>e</sup> : MIC Interpretive Criteria

<sup>f</sup> : Interpret according to ceftazidime susceptibility test

<sup>u</sup> : Urine, Urine Catheter, Urine Clean- Voided