

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

Organism	TOTAL ISOLATES	BETA - LACTAMS													CARBAPENEMS			POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES		GLYCO PEPTIDES	MISCELLANEOUS							
		PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFZOLIN (A)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM <sup>a</sup>	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	EERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	VANCOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE	
<i>Acinetobacter calcoaceticus-baumannii</i> complex	12,917			R	R	23 (3337)	22.2 (11747)			7.2 (8016)	22.1 (12340)	7.5 (7965)	23.9 (5159)			R	22.4 (11012)	23.2 (12671)	97.2 (4394)	24.6 (12387)	27.6 (7599)	40.9 (12006)	31.8 (11081)					R	38.5 (9674)		
<i>Acinetobacter</i> spp.	491					64.5 (169)	68.5 (457)			32.4 (383)	62.4 (484)	34.7 (377)	62.2 (222)				64.8 (412)	65.2 (474)	94.4 (107)	72.7 (477)	77.1 (288)	74.6 (488)	66.4 (455)						66.1 (386)		
<i>Enterobacter cloacae</i>	1,187			R	R	R	82.3 (1029)		R	R	68.9 (312)	60 (864)	64.4 (1073)	60.1 (867)	73.3 (546)		R	91.8 (1091)	93.2 (974)	95.4 (1141)	85.3 (327)	72.3 (1130)	76.6 (644)	97.9 (1117)	84 (1061)				-	74.3 (1017)	71.8 (78)
<i>Enterobacter</i> spp.	480			4.6 (302)	9.3 (421)	-	79.1 (373)	3.3 (210)	12.2 (90)	80.6 (155)	56.2 (361)	64.1 (473)	61.8 (403)	65.9 (232)	16.7 (138)	90.4 (397)	84.9 (251)	92.3 (413)		67.3 (400)	84.3 (281)	93.9 (458)	82.2 (399)					-	76.5 (412)	73 (100)	
<i>Escherichia coli</i>	2,799			10.4 (1825)	62.7 (2360)	60.3 (484)	88 (2415)	18.9 (772)	17 (619)	55 (687)	39.8 (2013)	55.7 (2528)	41.5 (2065)	55.7 (1184)	84.6 (1333)	94.8 (2536)	95.8 (2197)	95.9 (817)	96.9 (817)	38.9 (2584)	45 (1434)	96.4 (2612)	64.4 (2401)				82.5 (48)	44 (2309)	28.1 (224)		
<i>Haemophilus influenzae</i>	771			59.8 (726)	92.5 (679)	90.5 (64)	98 (51)		88.4 (172)		97 (562)	95.9 (169)	98.7 (465)			100 (74)	96.1 (127)	99.5 (370)		98.4 (433)	99.3 (278)							86.9 (199)	45.7 (617)	59.9 (177)	
<i>Klebsiella aerogenes</i>	422			R	R	R	76.6 (355)		R	R	61.7 (94)	62.7 (271)	70.0 (373)	70.2 (346)	83.2 (184)		R	93.1 (391)	86 (356)	94.1 (391)	94.4 (107)	79.5 (396)	83.3 (240)	98.2 (392)	88.7 (354)				-	80.9 (350)	-
<i>Klebsiella pneumoniae</i>	12,546			R		63.9 (10829)	56.4 (2094)	71.4 (11034)	43.2 (3410)	29.2 (2693)	51.8 (3490)	57.9 (8369)	60.1 (11233)	58.2 (9758)	67.4 (5326)		82 (5529)	87.8 (11557)	88.7 (9698)	88.6 (11715)	95.6 (3543)	56.4 (11549)	65.6 (6902)	95.3 (11823)	82.6 (10363)			79.9 (139)	62.7 (10090)	64.5 (699)	
<i>Klebsiella</i> spp.	931			1.9 (578)	34.2 (786)	40.4 (171)	73.1 (754)	22.6 (314)	22.6 (199)	61.5 (247)	56.3 (631)	63.9 (861)	62.5 (731)	72.7 (417)	47.9 (451)	91 (860)	87.9 (779)	92.6 (876)		66.6 (877)	75.5 (552)	96.5 (885)	83.9 (778)				-	71.5 (741)	66.7 (62)		
<i>Moraxella catarrhalis</i>	198				96 (175)				- <sup>e</sup>				93.6 <sup>a</sup> (47)								- <sup>e</sup>						- <sup>e</sup>	96.1 (102)	- <sup>e</sup>	80.2 (177)	66.7 (57)
<i>Proteus mirabilis</i>	626			55.4 (399)	84.2 (531)	80.7 (83)	95.3 (509)	36.4 (165)	70 (200)	64.3 (157)	78.1 (488)	92.7 (578)	83.5 (430)	82.4 (278)	92.4 (327)	96.6 (554)	75.8 (484)	94.9 (570)	R	75.7 (552)	75.6 (270)	99.5 (585)	81.8 (548)				-	61.9 (541)	R		
<i>Pseudomonas aeruginosa</i>	8,116			R	R	R	79.5 (7625)			R	80.7 (7939)	R	81.8 (3305)		R	73.4 (6899)	79.1 (7879)	96.4 (2628)	82.3 (7675)	78.2 (4741)	92.9 (7992)	86.3 (7081)				R	R	R	R		
<i>Serratia marcescens</i>	311			R	R	R	89.8 (225)		R	R	75 (56)	64.7 (215)	83.3 (276)	74.7 (245)	89 (155)		R	93.5 (292)	88.8 (206)	94.8 (286)	R	86.8 (281)	87.2 (179)	98.3 (301)	93.1 (261)			-	86.7 (264)	-	
<i>Salmonella, typhoidal</i>				-																	- <sup>e</sup>										
<i>Salmonella, Non-typhoidal</i>	17			-																	- <sup>e</sup>										
<i>Stenotrophomonas maltophilia</i>	1,827			R	R	R	R			R	46.6 <sup>d</sup> (491)		R			R	R	R			89.7 (1564)	R	R					- <sup>e</sup>	94.4 (1708)		
<i>Staphylococcus aureus</i>	4,478	10.6 (1382)	12 (934)											82.2 <sup>f</sup> (4664)							88.9 (2239)	92.5 (1064)	95.3 (3529)	99.2 <sup>a</sup> (1575)	89.1 (4260)	85.6 (4160)	96.3 (1149)	97.7 (4010)	60 (1603)		
(MRSA)	246	0 (37)	-											0 <sup>f</sup> (248)							39.1 (133)	-	72.3 (141)	- <sup>e</sup>	41.7 (235)	33.9 (221)	-	92.1 (215)	77.5 (80)		
(MSSA)	2,177	7.6 (301)	-											100 <sup>f</sup> (2253)							96 (718)	99.3 (267)	97.7 (1462)	- <sup>e</sup>	96 (2120)	92.2 (1934)	100 (32)	99.2 (1965)	61.1 (411)		
<i>Streptococcus pneumoniae</i>	997	68.4 <sup>a</sup> (405)	39.8 (334)		80.7 <sup>a</sup> (83)					56.6 <sup>a</sup> (83)	- <sup>e</sup>										96 (568)	98.2	99.0 (897)	66.2 (868)	51.1 (924)	91.3 (320)	46.3 (748)	26.2 (305)			

<sup>a</sup>: ข้อมูลจากใบตรวจ disk diffusion โดยใช้ MIC มาตรฐาน

<sup>b</sup>: Colistin ใช้ %1 ไม่นับรวมข้อมูล

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

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

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

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

R : Intrinsic resistance

