

Percentage of susceptible Organisms Isolated From Sputum, 87 hospitals, Jan - Dec 2021

Organism	TOTAL ISOLATES	BETA - LACTAMS													CARBAPENEMS			POLY MYXINS	QUINOLONES	AMINOGLYCOSIDES		GLYCO PEPTIDES		MISCELLANEOUS								
		PENICILLIN	PENICILLIN BY MIC	AMPCILLIN	AMOXICILLIN / CLAVULANIC ACID	AMPCILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFZOLIN (A)	CEFURIXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM	CEFOXITIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	VANCOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE		
<i>Acinetobacter calcoaceticus-baumannii</i> complex	33806			R	R	21.2 (9314)	19.6 (29258)				8.9 (19055)	20.2 (32764)	8.7 (21150)	20.3 (17407)		R	19.8 (29865)	20 (32664)	98.9 (113997)	21.9 (32264)	22.9 (22421)	37.5 (28079)	28.6 (25082)				R	36.5 (23667)				
<i>Acinetobacter</i> spp.	1034					72.1 (341)	71.5 (941)				38.7 (765)	66.6 (999)	44.5 (731)	68.6 (652)								73.6 (986)	68.8 (638)	81.5 (1001)	71.2 (847)					68 (804)		
<i>Enterobacter cloacae</i>	3114			R	R	R	83.1 (2790)	R	R	58.3 (917)	60.7 (1987)	66.7 (2862)	63.4 (2495)	73.2 (1811)		R	91.4 (2898)	90.7 (2796)	94.2 (3009)	86.8 (1256)	72.3 (2989)	78.9 (1816)	98.3 (2997)	83.4 (2375)							66.4 (116)	
<i>Enterobacter</i> spp.	834					7.6 (609)	13.3 (761)	44.4 (187)	82.5 (679)	4.8 (273)	12.9 (258)	87.2 (602)	61 (818)	70.9 (732)	66.3 (473)	72.7 (473)	14.7 (531)	90.4 (699)	89.2 (565)	92.8 (723)		72.4 (776)	79.8 (505)	94.7 (814)	83.6 (683)				86.1 (72)	79.8 (45)	53.3 (45)	
<i>Escherichia coli</i>	7032					12.4 (4598)	63 (6217)	63.9 (959)	83.9 (6217)	19.2 (1703)	17.7 (1987)	57.7 (2055)	39 (4556)	55.6 (6470)	40.1 (5533)	52.9 (3850)	79.6 (3786)	91.2 (6578)	91.7 (6152)	92.1 (6702)	98.6 (2275)	37.9 (6589)	40.5 (3877)	97.3 (6762)	64.2 (5404)				63.0 (135)	41.7 (5833)	28.9 (409)	
<i>Haemophilus influenzae</i>	527					69.1 (460)	93.7 (441)	97.9 (47)	100 (32)		94.4 (90)		97.6 (335)	96.3 (109)	98.8 (67)			100 (34)	97.8 (46)	98.7 (224)		99.7 (312)	99.3 (140)					85.7 (49)	56.6 (357)	63.3 (60)		
<i>Klebsiella aerogenes</i>	1180			R	R	R	R	R	R	R	56.5 (336)	63.4 (716)	69.9 (1073)	65 (951)	77.3 (630)		R	91.2 (1097)	83.5 (1039)	92.4 (1099)	93.5 (446)	74.2 (1096)	78.3 (701)	95.7 (1126)	88.2 (892)					80.9 (989)	69 (42)	
<i>Klebsiella pneumoniae</i>	30872			R		60 (27843)	58.2 (3695)	66.7 (27964)	44.2 (7547)	44.2 (8189)	26.2 (9734)	49.6 (16822)	56.9 (28368)	57.2 (25384)	53.9 (15518)	59.8 (15518)	76.4 (15666)	81.9 (29196)	83.9 (26775)	94.3 (29290)	84.3 (11242)	52.2 (26916)	60 (16381)	93.3 (29869)	82.6 (22585)				74.2 (546)	60.3 (25923)	56.5 (931)	
<i>Klebsiella</i> spp.	2897					2 (1725)	37.7 (2588)	41.3 (322)	73.1 (2141)	24.6 (740)	16.9 (515)	58.6 (577)	55.7 (1729)	64.5 (2533)	59.3 (2186)	66.6 (1450)	48.4 (1575)	86.4 (2526)	84.3 (2495)	88.5 (2685)		65.2 (2621)	70.6 (1473)	94.8 (2803)	84.9 (2259)				69.7 (66)	63.6 (2255)	63.9 (219)	
<i>Moraxella catarrhalis</i>	203					93.6 (173)								94 * (50)								84.6 * (26)					- * (66)	95.5 (66)	- * (178)	64 (35)	85.7 (35)	
<i>Proteus mirabilis</i>	1942					57.2 (1162)	85.6 (1632)	87 (216)	96.1 (1660)	32 (447)	53.6 (545)	69.7 (551)	78.2 (1213)	92.9 (1817)	86.3 (1462)	81.4 (973)	92.9 (1064)	95.8 (1770)	65.9 (1596)	95.6 (1811)	R	75.6 (1779)	72.5 (950)	99 (1889)	81.1 (1353)				63.6 (22)	62.2 (1611)	R	
<i>Pseudomonas aeruginosa</i>	20438			R	R	R	77.8 (18840)					R	80.3 (19823)	R	81 (11115)		R	R	R	98 (8472)	98 (19338)	79.2 (12996)	73.0 (20058)	92.3 (15462)	86.2 (15462)				R	R	R	
<i>Salmonella</i> , Typhoidal	-																															
<i>Salmonella</i> , Non-typhoidal	53					52.8 (36)						81.3 (32)	82.1 (39)	76.7 (43)								42 (50)	- *							78.6 (42)		
<i>Serratia marcescens</i>	1014			R	R	R	92.1 (736)	R	R	68.1 (238)	74.7 (660)	85.9 (916)	80.8 (833)	86.5 (659)		R	95.7 (958)	93.8 (739)	96.2 (970)	R	83.2 (979)	85.6 (667)	97.3 (900)	95.1 (780)						89.3 (847)	18.2 (22)	
<i>Stenotrophomonas maltophilia</i>	6153			R	R	R	R				R											88.5 (5426)	R	R							92.6 (5827)	
<i>Staphylococcus aureus</i>	10539	10.4 (931)	14.2 (3576)																			89.9 (6096)	91.9 (3973)	95.1 (8030)	99.2 * (4649)	89.8 (9883)	87.4 (9771)	96.5 (3570)	96.1 (9549)	62 (4547)		
(MRSA)	874	0.0 (98)	0.0 (337)																			32.8 (592)	29.8 (346)	63.4 (688)	97.3 * (474)	34.3 (857)	31.9 (863)	86.5 (304)	79 (814)	55 (380)		
(MSSA)	8719	11.6 (778)	15.5 (3272)																			95.1 (5467)	97.4 (3497)	97.1 (4199)	99.4 * (4199)	94.2 (8618)	91.8 (8496)	97.5 (3242)	96.8 (8071)	62.7 (4135)		
<i>Streptococcus pneumoniae</i>	1345	63.9 * (319)	34 (668)			82.5 * (183)				59.7 * (191)												97.5 (768)			98.2 (1191)	66.9 (1231)	50.8 (1249)	87.6 (482)	45.5 (945)	31.6 (487)		

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

^d : Interpret according to oxacillin susceptibility test

^e : MIC Interpretive Criteria

* ข้อมูลจากวิธีหาค่า MIC โดย disk diffusion

* COLISTIN ควบคุมโดย Intermediate

^f : Interpret according to ceftazidime susceptibility test

R : Intrinsic resistance

