

Percentage of Susceptible Organisms Isolated From Sputum, 92 hospitals, Jan - Dec 2019

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	CEFOTAXIME	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	34,607			R	R	29 (7160)	25.7 (26828)			6 (16496)	26 (28887)	6.2 (17689)	27.2 (8091)			R	26.3 (26464)	27.3 (28682)	97.9 (5081)	28.7 (27343)	30.5 (17109)	45.9 (27632)	36.7 (24884)							R	40.9 (22753)			
<i>Acinetobacter</i> spp.	2,021					60.6 (391)	59.5 (1347)			24.6 (1067)	57.7 (1498)	25.7 (996)	60.3 (537)				56.6 (4326)	57.9 (1468)	94.5 (145)	63.5 (1419)	65.5 (774)	69.9 (1503)	62.2 (1412)								62.4 (1214)			
<i>Enterobacter cloacae</i>	3,368			R	R	83.4 (2210)				81.6 (1399)	60 (1916)	62.8 (2486)	59 (2042)	71.9 (907)		R	92.7 (1942)	92 (2280)	95.6 (2393)	80.6 ^{WT} (396)	68.6 (2414)	78.2 (1146)	98 (2506)	81.6 (2250)								73.3 (1995)		
<i>Enterobacter</i> spp.	1,627					4.7 (738)	6.1 (999)	32.3 (133)	82.8 (1129)	5 (378)	-	84.8 (726)	62.9 (964)	69.9 (1284)	67.4 (1128)	62.9 (313)		13.4 (306)	93 (1107)	87.6 (709)	95.4 (1155)		72.3 (818)	85.6 (1227)	97.6 (1086)						79 (1092)	80.7 (83)		
<i>Escherichia coli</i>	7,938					10.2 (4463)	61.2 (5305)	55.3 (1000)	86.3 (5556)	19.6 (1833)	-	81.3 (3155)	39.2 (4877)	53.2 (6289)	41.3 (5139)	49.7 (2020)		83.5 (2703)	94.9 (5050)	94.9 (5456)	95.3 (5965)	97.2 ^{WT} (793)	39.3 (5923)	46.3 (2828)	98 (6172)	65.2 (5657)						42.3 (5126)	25.5 (1945)	
<i>Haemophilus influenzae</i>	1,920					62.9 (1804)	92.7 (1570)	91.7 (228)	99.3 (140)		-	98.8 (1455)	95.5 (420)	98.5 (1241)				99.3 (144)	96.1 (233)	98.8 (731)		99.4 (1166)									90.2 (642)	45.1 (1680)	66.9 (508)	
<i>Klebsiella aerogenes</i>	1,369			R	R	81.2 (978)						83.9 (639)	61.2 (974)	68.1 (1137)	64 (944)	77.7 (314)		R	92.4 (781)	86 (990)	93.7 (1021)	93.2 ^{WT} (132)	72.8 (1079)	81.2 (389)	97.9 (1146)	87.1 (1058)						77.1 (1007)		
<i>Klebsiella pneumoniae</i>	34,971			R		60.8 (25041)	53.7 (4391)	70.1 (25366)	80.4 (8209)	45.7 (36)	52.8 (16007)	66.8 (21780)	54 (28695)	56.5 (24151)	54.5 (8831)	61.8 (8831)		82.5 (12707)	87.9 (22937)	88.9 (24297)	88.9 (26749)	97.0 ^{WT} (3514)	51.7 (27026)	65.8 (13016)	95.4 (28342)	83.3 (24897)						59.2 (23773)	66.7 (540)	
<i>Klebsiella</i> spp.	3,510					1.8 (1645)	30.5 (1908)	32.3 (402)	76.5 (1850)	21.7 (794)	-	77.7 (1196)	56.4 (1756)	64.6 (2234)	59.3 (1942)	70.1 (609)		37.5 (1084)	89.9 (1646)	84.9 (1924)	89.8 (2039)		64.3 (2090)	75.2 (814)	94.8 (2241)	83.3 (2012)						70.2 (1978)		
<i>Moraxella catarrhalis</i>	645					95.1 (389)					- ^e																					93.8 (227)	72.4 (431)	73.8 (122)
<i>Proteus mirabilis</i>	1,856					39.9 (1123)	87.6 (1350)	81.1 (244)	97.9 (1313)	43.3 (406)	-	94 (850)	83.2 (1260)	92.7 (1530)	86 (1211)	83.4 (453)		95.4 (743)	97.7 (1142)	81.6 (1293)	97.3 (1419)	R	76.6 (1468)	79.5 (576)	99 (1566)	85.1 (1400)						64.3 (1301)	R	
<i>Pseudomonas aeruginosa</i>	21,825			R	R	82.7 (17561)						R	83.5 (18872)	R	81.5 (5567)			R	74 (16615)	80 (17776)	98 (2505)	98 (17862)	83.7 (10585)	78.4 (18723)	93.3 (16444)							R	R	R
<i>Serratia marcescens</i>	776			R	R	93.7 (494)				R	R	90 (261)	81 (490)	85.2 (616)	84.3 (542)	85.2 (256)		R	96.1 (537)	94.2 (484)	94.4 (587)	R	88.1 (581)	86.7 (353)	97.4 (622)	93.8 (561)						88.8 (498)		
<i>Salmonella</i> , Typhoidal																																		
<i>Salmonella</i> , Non-Typhoidal	47					22.6 (31)																		59.5 (37)									92.1 (38)	
<i>Stenotrophomonas maltophilia</i>	4,968			R	R	R	R					R	45.1 ^a (523)	R				R	R	R					91.6 (3475)	R	R						94.3 (4137)	R
<i>Staphylococcus aureus</i>	10,558	8.7 (3198)	12.9 (1078)																					88.8 (3714)	91.5 (2705)	95 (7411)	99.1 ^a (2007)	88.6 (9112)	85.9 (9044)	94.4 (1881)	98 (8788)	60.9 (3137)		
(MRSA)	780	0 (212)	-																					38.6 (337)	20.6 (102)	57.5 (178)	100 ^a (785)	31.7 (763)	26.4 (750)	91.8 (61)	90.8 (686)	56.6 (272)		
(MSSA)	7,067	7.4 (1907)	-																					100 ^d (7154)	95.6 (1848)	99 (1086)	96.7 (5187)	100 ^a (196)	94.9 (6809)	92.4 (6620)	97.2 (535)	99.5 (6588)	64.9 (1759)	
<i>Streptococcus pneumoniae</i>	2,474	70.2 ^d (1220)	31.6 (681)																						99.9 (1234)	98.8 (2088)	70.7 (1998)	56.5 (2174)	83.6 (688)	47.6 (1723)	24.2 (789)			

*ข้อมูลความไวจากวิธี disk diffusion และ MIC รวมกัน

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

^f : Interpret according to cefoxitin susceptibility test

^d : Interpret according to oxacillin susceptibility test

^{WT} : Wild-type

^e : MIC Interpretive Criteria

R : Intrinsic resistance

