

Percentage of susceptible Organisms Isolated From All Specimen, 8 hospitals, Jan - Dec 2017

Organism	TOTAL ISOLATES	BETA - LACTAMS											CARBAPENEMS			POLY MYXINS	QUINOLONES				AMINOGLYCOSIDES			GLYCOPETIDES			MISCELLANEOUS																					
		PENICILLIN	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPCILLIN/ SULBACTAM	PIPERACILLIN/ TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (oral)	CEFOPERAZONE/ SULBACTAM ^a	CEFTOXIME	CEFTAZIDIME	CEFTRIAZONE	CEFEPIME		DIACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORELOXACIN	DFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TEICoplanin	FOSFOMICIN	CLINDAMYCIN	ERYTHROMYCIN	NITROfurANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE							
<i>Acinetobacter calcoaceticus-baumannii</i> complex	3,514			28.9 (1771)	20.4 (2660)						1.3 (1924)	23 (3067)	2.5 (2250)	23.1 (877)			22.9 (2590)	22.8 (3051)	99.4 ^e (315)			19.8 (2554)	17.7 (1595)			41.1 (3498)	31.6 (3010)	0 ^e (118)											29.2 (3324)									
<i>Acinetobacter</i> spp.	438			66.5 (334)	71.4 (353)						43.6 (337)	68.5 (397)	46.1 (356)			64.4 (149)	63.1 (401)				66.4 (146)	83.4 (283)			70.8 (431)	64.4 (180)	0 ^e (32)												68.1 (423)									
<i>Aeromonas hydrophila</i>	56										94.7 (38)	95.8 (48)	94.4 (36)				68.4 (38)	100 (38)				97.1 (35)	97.4 (39)			100 (38)	97.4 (38)													86 (43)								
<i>Burkholderia cepacia</i> complex	-																																															
<i>Burkholderia mallei</i>	-																																															
<i>Burkholderia pseudomallei</i>	-																																															
<i>Citrobacter freundii</i>	122				94.4 (36)						69.1 (110)	75.2 (121)	87.8 (41)	76.9 (78)			97.3 (111)	98.2 (113)				81.1 (111)	80 (40)	65 ^u (40)		100 (111)	86 (93)													66.1 (62)								
<i>Enterobacter aerogenes</i>	175				90 (90)						89.7 (68)	67.1 (158)	75.6 (172)	77.5 (120)	80.6 (93)		92.4 (157)	97.5 (159)				84.2 (158)	91.9 (111)	79.2 (24)	88.2 (34)	98.7 (159)	88.4 (138)													74.6 (134)								
<i>Enterobacter cloacae</i>	778				89.6 (335)						90.6 (202)	69.4 (621)	72.1 (759)	75 (404)	74.2 (387)		95.6 (619)	96.9 (620)				80.3 (600)	90 (479)	70.6 ^u (119)	87.2 (179)	98.5 (619)	82.2 (569)													73.9 (459)	84.4 (32)							
<i>Enterobacter</i> spp.	123		6.5 (108)	24.8 (105)	25.9 (85)	84 (100)					81.7 (71)	62.4 (117)	72 (118)	71.2 (104)	72.2 (79)		56.8 (44)	89 (109)	93.2 (117)			73.5 (117)	80.8 (104)			94.9 (117)	77.8 (90)												71 (107)									
<i>Escherichia coli</i> (all isolates)	6,732		12 (4080)	63.8 (3961)	51.2 (4164)	93.4 (2995)	49.7 (1607)		52.7 (1861)	91.7 (1583)	49.8 (5533)	62.1 (6633)	50.5 (3720)	57.4 (2935)		85.3 (4786)	99.4 (179)	98.6 (5442)				42.7 (5399)	42.7 (4077)		37.8 (1730)	98.5 (5529)	60.7 (4765)												40.6 (4805)	22.3 (242)								
(Urine)	3,827		10.6 (2384)	61.3 (2167)	48.9 (2501)	91.9 (1685)	47.4 (962)	49.6 (1112)	90.1 (913)	46.7 (3115)	59.8 (3772)	46.6 (2035)	55.4 (1681)			83.7 (2714)	100 (95)	98.4 (3060)	98.7 (3112)		15.9 ^u (522)	34.1 (3065)	34.8 (2273)	34.5 ^u (3436)	30.8 (1065)	98.2 (3114)	59.5 (2629)											98.3 ^u (1825)		92.4 ^u (394)	39.1 (3078)	22.2 (126)						
(Urine-inpatient)	516		6.9 (204)	60.8 (487)	40.4 (57)	92.9 (239)		52.8 (144)	88 (488)	45.3 (488)	61.9 (514)	48.9 (489)				86.6 (366)	100 (74)	95.1 (489)	97.7 (488)			36.6 (481)	38.5 (247)	38.5 ^u (439)	36.5 (277)	94.9 (490)	60.6 (490)													100 ^u (21)	89.5 ^u (38)	41.2 (485)						
(Urine-outpatient)	149		7.6 (79)	67.6 (148)	47.8 (46)	89.3 (84)		71.1 (38)	91.1 (79)	51 (149)	64.4 (149)	51.8 (141)	55.8 (43)			90.8 (76)	96.6 (149)	98 (149)				22.9 (144)	18.3 (93)	23.4 (145)	16.7 (102)	96 (149)	51.7 (149)												100 ^u (36)			30.8 (146)						
<i>Haemophilus influenzae</i> (all isolates)	222		45.9 (220)	69.4 (170)	97 (67)			90.5 (63)	98.8 (63)	90.5 (162)	98.5 (162)	98.5 (133)				100 (88)	98.9 (92)					98.5 (196)	99.1 (107)																	65.6 (125)	34.3 (213)	24 (96)						
(age 0-5 years old)	-																																															
(age > 5 years old)	193		45 (191)	67.8 (143)	96.7 (61)			92.9 (56)	98.6 (141)	98.6 (141)	98.2 (110)					100 (77)	98.8 (81)					98.3 (172)	98.9 (93)																									
(CSF)	-																																															
(Sterile sites) ^b	-																																															
(Non-sterile sites) ^c	210		44.7 (208)	68.8 (160)	96.8 (63)			91.7 (60)	98.7 (155)	98.4 (123)		98.4 (123)					100 (86)	98.8 (83)				98.4 (186)	99 (104)																				64.5 (121)	32.8 (201)	23.7 (93)			
<i>Klebsiella oxytoca</i>	81		1.7 (59)	76.3 (38)	70.9 (55)			71.1 (38)	75.8 (66)	85.9 (78)	83.3 (36)	81.6 (38)			90.7 (54)	95.5 (67)	98.5 (65)					76.9 (65)	86.8 (38)			98.5 (67)	84.7 (59)																					
<i>Klebsiella pneumoniae</i> (all isolates)	4,727			64.8 (2942)	59.3 (2771)	77.4 (2226)	38.7 (1124)	61.1 ^u (1124)	59.4 (1322)	81 (4026)	60.8 (4648)	66.6 (2747)	62.2 (2277)	67.3 (2227)		83.3 (3323)	94.5 (145)	89.1 (3990)	89.3 (4044)			42.7 ^u (110)	64.5 (3945)	75.8 (2824)	49.1 ^u (943)	68.4 (1017)	93.1 (4019)	80.4 (3485)																				
(ICU)	51			41.2 (51)				52.9 (51)		41.2 (51)	58.8 (51)	58 (50)					72 (50)	82.4 (51)				78 (50)				92.2 (51)	72.5 (51)																					
(inpatient)	778			62.7 (746)	69.8 (53)	75.5 (355)		59.8 (209)	57.4 (62)	64.8 (755)	61.2 (772)	61.2 (752)				81.9 (518)	93.7 (111)	84.9 (753)	85.7 (754)			64.5 (723)	70.7 (392)	59 ^u (117)	69.6 (457)	89 (755)	76.4 (755)																					
(outpatient)	59			80.7 (57)	82.8 (29)				97.5 (40)	79.3 (58)	82.8 (58)	80.8 (52)	88.6 (35)			82.1 (28)	94.8 (58)	93.1 (58)				77.4 (53)	81.8 (44)			98.7 (58)	89.5 (57)																					
<i>Morganella morganii</i>	230			38.3 (180)	93 (57)				72.3 (159)	87.1 (225)	79.7 (64)	86.2 (116)			47.8 (178)	84.4 (154)	100 (159)					64 (150)	83.2 (119)	68.9 (90)	79.4 (34)	98.7 (159)	67.6 (148)																					
<i>Neisseria meningitidis</i>	-																					100 ^u (1)																										
<i>Proteus mirabilis</i>	1,045		48.7 (786)	82.8 (611)	76.2 (667)	96.4 (445)	11.2 (349)	72.2 ^u (349)		93.8 (290)	82.9 (958)	90.5 (1029)	86.1 (581)	84.9 (601)		95 (619)	100 (40)	94.9 (942)	99.4 (951)			54.5 ^u (33)	72.4 (946)	75.7 (515)	69.5 ^u (364)	67.9 (209)	99.4 (955)	79.5 (865)																				
<i>Proteus vulgaris</i>	155			38.2 (123)	55.2 (96)	96.2 (104)			94.2 (69)	83.1 (154)	86.2 (154)	85 (107)	90 (90)			73.7 (76)	90.5 (147)	99.4 (154)				78.3 (152)	78 (91)	75.9 ^u (54)		98.1 (154)	84.7 (111)																					
<i>Providencia rettgeri</i>	64			35 (40)	94.1 (34)					90 (60)	93.7 (63)	93 (43)	93.1 (29)			86.7 (30)	96.7 (60)	100 (62)				93.4 (61)	90 (40)			100 (62)	93.9 (49)																					
<i>Providencia stuartii</i>	88			22.7 (75)	100 (45)					61.8 (76)	77 (87)	71.7 (53)	92.3 (26)																																			

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		PENICILLIN	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPCILLIN/ SULBACTAM	PIPERACILLIN/ TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (oral)	CEFOPEZAZONE / SULBACTAM ^a	CEFOTAXIME	CEFTAZIDIME	CEFTRAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TEICoplanin	POSAMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE											
<i>Salmonella</i> , Non-typhoidal	723		49.1 (633)																		49.2 (63)	50.3 (543)	90.6 ^e (96)		84.6 ^e (39)													76.4 (140)	83.6 (675)												
<i>Serratia marcescens</i>	169					97.3 (37)					86.3 (102)	92.8 (166)	92.3 (52)	89 (73)				98 (101)	99 (102)			98.1 (103)	99 (100)			98 (101)	97.9 (97)												95.2 (62)												
<i>Shigella</i> spp.	14																																																		
<i>Stenotrophomonas maltophilia</i>	285																						92.9 (184)																	92.3 (285)											
<i>Vibrio cholerae</i> (all serotypes)	57		70 (50)																																				94.1 (51)												
<i>Vibrio cholerae</i> O1	-																																																		
<i>Vibrio cholerae</i> non O1, non O139	57		70 (50)																																			87 (54)	94.1 (51)												
<i>Vibrio parahaemolyticus</i>	171		4.3 (164)																			100 (159)																100 (161)	100 (148)												
<i>Vibrio</i> spp.	208		4.3 (186)								90.9 (33)	92.5 (40)										97.4 (190)	97 (33)															98.9 (190)	99.4 (157)												
<i>Enterococcus faecalis</i>	1,304	64.7 (459)	94.2 (1130)																			24.5 ^u (294)	45.2 ^u (345)	36.6 ^u (618)			51 ^h (647)	98.8 (1127)	99.8 (480)	95.8 ^u (548)								83.9 (31)	8.8 (57)												
<i>Enterococcus faecium</i>	789	9.1 (317)	5.4 (633)																			2.7 ^u (184)	6.8 ^u (219)	3.3 ^u (426)			58 ^h (393)	87 (633)	81 (273)																						
<i>Enterococcus</i> spp.	117	40.4 (94)	73 (89)																								61 ^h (41)	94.7 (94)																							
<i>Staphylococcus aureus</i> (all isolates)	2,921	1.7 (1088)																				76.4 (1177)	82.8 (1400)	65.9 ^u (82)	91 (52)	69.9 (113)	85.5 (1283)									97 ^e (33)	84 (1952)	81.7 (2046)			95.1 (2411)	51.9 (158)									
(MRSA)	318	0 (177)																				10.8 (93)	5.5 (146)		11.1 (45)	27 (185)				100 (102)	98.3 ^e (117)							11.9 (270)	11.3 (284)		85.9 (312)										
(MSSA)	2,152	2.1 (925)																				82.1 (1082)	91.3 (1259)	77.9 ^u (68)	98.7 (475)	69.4 (111)	94.6 (1114)												94.7 (1701)	92.4 (1780)		96.5 (2118)	53.8 (143)								
(ICU)	-																																																		
(inpatient)	344	6.8 (44)																				82.3 (243)	86.8 (219)		87.8 (237)	92.9 (84)														88 (300)	79.9 (328)		97.9 (328)	56.7 (30)							
(outpatient)	74																						93.7 (63)																	95.4 (65)	93.8 (65)		97.2 (72)								
<i>Staphylococcus</i> , coagulase negative	2,666	4.7 (787)																				60.1 (1466)	65 (1486)	40 ^u (35)	63.9 (675)	85.9 (135)	68.1 (1218)														95.3 ^e (405)	56 (1781)	38.9 (1894)		97.2 (36)	62.6 (2326)	48.9 (174)				
<i>Staphylococcus</i> , coagulase negative (blood)	2,018	4.8 (668)																				62.2 (1131)	66.7 (1152)		63.6 (511)	89.9 (99)	68.4 (914)														95.9 ^e (338)	55.3 (1413)	41.3 (1502)		62 (1812)	48.5 (132)					
<i>Streptococcus agalactiae</i>	250	99.4 (163)	98.5 (66)								99.3 (140)	99.4 (174)	98.6 (73)															100 (171)													87.9 (116)	87.2 (117)		97.7 (88)							
<i>Streptococcus</i> , beta-haem. not Group A,B	95	94.6 (74)	93.8 (64)								96.8 (62)	96.1 (77)																100 (79)													81.5 (65)	80.6 (67)		100 (35)							
<i>Streptococcus pyogenes</i>	466	100 (393)	100 (190)								100 (353)	100 (389)	100 (156)															100 (388)														93.9 (360)	93.3 (359)		92.8 (236)	10 (60)					
<i>Streptococcus pneumoniae</i> (all isolates)	362	95.5 ^d (88)																										99.6 (283)															65.8 (225)	66.2 (228)		85.4 (123)	51.4 (179)	19.5 (113)			
(age 0-5 years old)	34	90.9 (11)																																																	
(age > 5 years old)	324	96.1 ^d (76)																										99.6 (257)																	66.7 (201)	66.8 (202)		85.5 (110)	54.1 (157)	20.8 (101)	
(Sterile sites) ^b	80	33.3 (15)																										100 (70)																	75.8 (66)	76.1 (67)		87.5 (32)	56 (50)		
(Non-sterile sites) ^c	292	96.1 ^d (76)																										99.5 (221)																		62 (166)	62.5 (168)		84.2 (95)	48.9 (135)	17.4 (92)
(Meningitis: by E-test)	76	36.8 ^e (76)									94.1 ^e (34)																																								
(Nonmeningitis: by E-test)	76	96.1 ^e (76)																																																	

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

^b: Blood, Pleural Fluid

^c: Sputum, Ear, Sinus

^d: Interpret according to oxacillin susceptibility test

^e: MIC Interpretive Criteria

^f: Interpret according to ceftaxitin susceptibility test

^h: High-Level Aminoglycoside

^u: Urine, Urine Catheter, Urine Clean- Voided

^{wt}: Wild-type